TECHNICAL REPORT on the MCKENZIE ISLAND PROJECT, RED LAKE, ONTARIO Prepared for CROWN GOLD CORPORATION

Report for NI 43-101

Prepared by SCOTT FRANKO, B.SC., P.GEO. GEOS ROCK EXPLORATION 374 WALKERS LINE, BURLINGTON, ONTARIO, CANADA, L7N 2C7

Date DECEMBER 30, 2013

2.0 Table of Contents

Sectio	n		Page
1.0	Title Pa	age	1
2.0	Table o	of Contents	2
3.0	Summa	ary	4
4.0	Introdu	uction	5
5.0	Reliand	e on Other Experts	6
6.0	Proper	ty Description and Location	7
7.0	Access	ibility, Climate, Local Resources, Infrastructure and Physiography	13
8.0	History		15
9.0	Geolog	rical Setting	16
	9.1	Regional Geology	16
	9.2	Local Geology	17
	9.3	Property Geology	21
10.0	Deposi	t Types	26
11.0	Minera	lization	29
12.0	Explora	ation	30
	12.1	Geophysics	30
	12.2	Channel Sampling & Mapping	35
	12.3	Soil Gas Hydrocarbon & Soil Sampling	47
13.0	Drilling		53
	13.1	2010 Drilling	53
	13.2	2011 Drilling	55
	13.3	2012 Drilling	59
14.0	Sampli	ng Method and Approach	63
15.0	Sample	Preparation, Analyses and Security	65
16.0	Data V	erification	65
17.0	Adjace	nt Properties	65
18.0	Minera	al Processing and Metallurgical Testing (Not applicable)	66
19.0	Minera	I Resource and Mineral Reserve Estimates (Not applicable)	66
20.0	Other	Relevant Data and Information	66
21.0	Interpr	etation and Conclusions	66
22.0	Recom	mendations	67
23.0	Refere	nces	70
24.0	Date a	nd Signature Page	72
	24.1 Si	gnature and Seal	72
	24.2 C	ertificate of Qualifications	73
	24.3 Co	onsent of Qualified Person	74
25.0	Additio	onal Req. for Technical Reports on Development and Production Properties	75
List of	Figures	5	
1. Red	Lake, Oı	ntario	8
2. Red	Lake Are	23	9

	•
3. Project Area Patents	10
4. Cottage Lots within Patent Claim Group (source: Cargill Technical Report 2010)	11

5. Keewatin Area Alienation Notice	12
6. Ice Road Access to McKenzie Island	13
7. Regional Geology	17
8. McKenzie Area Geology Extracted from Red Lake Geology OGS Open File 4594	19
9. Legend to Red Lake Geology OGS Open File 4594	20
10. Projection of Bishop's Break Across Red Lake	23
11. Xenolithic Granite	24
12. "B" Zone Grab Sample and Associated MNDM Correspondence	25
13. Gold Deposits in the Red Lake Area	27
14. Total Field Magnetic Survey	31
15. Gradient Magnetic Survey	32
16. VLF-EM Survey	33
17. VLF-EM Interpretation by Frank Jogodits	34
18. Project Area Stripping and Road Works	37
19. Channel Sample Cuts Over Burton's Geology 1936	38
20. Geologic Mapping by Bob Kuhnenbaum	39
21. SGH & Soil Sampling Grid	48
22. SGH Low Molecular Weight Target	49
23. SGH Mod High Molecular Weight Target	50
24. SGH Organo-Sulphur Class Target	51
25. Contour of Au PPB in Soil "B" Horizon	52
26. 3D Contour of Au PPB in Soil "B" Horizon	52
27. Major Geologic Contacts, Channel Samples & 2010 Drill Traces	54
28. Major Geologic Contacts & 2010-11 Drill Traces	56
29. SW-NE Section Best Results Drill Holes 2010-2011	57
30. Perfect Storm Target	58
31. 2012 Drilling with SGH & Soil Anomalies over Atkinson's Geology	60
32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011	61
33. Long Section with 2010-2012 Intersects Contoured	62
34. Recommended Trenching Areas	69

List of Tables

1. Patent Details	10
2. Climate Data Red Lake Airport 1981-2010	14
3. Historic Drilling Results (NI 43-101 non-compliant)	15
4. Historic Gold Production Red Lake (Source MNDM Activities Report 2012)	28
5. Channel Sampling Logs & Assay Results	40-46
6. Primary Channel Sampling Results	63
7. Significant Drill Results	64

Appendices

- 1 Borehole Logs
- 2 Soil Gas Hydrocarbon Report, Actlabs
- 3 Assay Certificates
- 4 Photographic Channel Sample Logs
- 5 Photographic Core Logs

3.0 Summary

This technical report details the work undertaken by Crown Gold Corporation between 2010 and 2012 on a group of Patent mining claims on the south central portion of McKenzie Island, Red Lake, Ontario. This report will replace the current technical report filed, "Technical Report on McKenzie Island Project, Red Lake, Ontario, by D. George Cargill, dated May 30th 2010. The effective date of this report is December 30th 2013.

The property is located in the Dome Township of the Red Lake mining district and is comprised of 6 Patent mining claims totaling approximately 100 Hectares, (Table 1. Patent Details). Crown Gold Corporation optioned the claims from Timore Resources in 2009 and assumed title on December 20th 2013 having met the terms of the option agreement. Timore Resources retains the rights to a three percent (3%) Net Smelter Return (NSR) royalty. Surface rights remain the property of Obisco Red Lake Inc., excepting three privately owned cottage lots along the shoreline of Patent KRL 11390, (Figure 4. Cottage Lots within Patent Claim Group (source: Cargill Technical Report 2010)).

The property lies in the Red Lake greenstone belt which is located in the Uchi Subprovince of the Archean age Superior Province and is underlain by the felsic intrusive rocks of the Dome Stock which contains inclusions of felsic meta-volcanic rocks and intermediate to felsic, intrusive rocks. Dykes ranging from gabbroic to granodiorite in composition dated at 2800-2600 Ma (mega-annum) have filled shrinkage cracks and structural weakness associated with the Dome Stock emplacement. Quartz veining, often auriferous has in many instances channeled along these pathways.

The auriferous quartz vein focused on in the project area occurs in a shear zone striking across Patent claim KLR 11419 at an azimuth of 160/340 and dipping to the north east at approximately 70 degrees. This vein referred in Ministry of Northern Development and Mines Mineral Deposit Inventory as the MacAndrew Prospect occurs in a shear zone referred to as "Bishops Break" by the Author in this report.

Following the completion of geophysical work referred to in Cargill's report, Crown contracted the Author to undertake a channel sampling program followed by a three phase drilling program with targeting augmented by soil gas hydrocarbon and soil sampling surveys. Channel sampling and drilling focused on establishing the geometry of the auriferous mineralization of the Bishop's Break vein both along strike and down dip.

The distribution of gold mineralization encountered in the vein defines a higher grade envelope raking slightly to the north east, (Figure 33. Long Section with 2010-2012 Intersects Contoured). Deep drilling established continuity of the Bishop's Break shear to over 1000 meters below surface and confirmed the existence of a parallel shear zone with similar lithology sub-cropping approximately 300 meters to the north east of Bishop's Break. It is the Authors interpretation that the Bishop's Break structure encountered on the property extends north west across the extent of the property and also extends across the Dome Stock to the south east and represents the same structure that the Red Lake Gold Shore Mines veins 3 and veins 1 & 2 are associated with, (Figure 10. Projection of Bishop's Break Across Red Lake).

In the Authors opinion this property remains highly prospective for the following reasons;

- **1.** The perimeter of the Dome Stock which cuts through the property is a proven "mine maker", (Figure 13. Gold Deposits in the Red Lake Area).
- 2. The Bishop's Break vein has proven to have auriferous zones with two higher grade zones primarily defined, (Figure 33. Long Section with 2010-2012 Intersects Contoured).
- 3. The Bishops Break structure has been proven to extend beyond 1000 meters below surface, (Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011).
- 4. A parallel system has been discovered 300 meters east of Bishops Break, (Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011).
- 5. Minimal stripping has been completed north westwards along Bishop's Break geophysical trace, (Figure 18. Project Area Stripping and Road Works).
- 6. No stripping has been undertaken on the newly discovered parallel system.
- 7. The majority of drilling on the property to date has been relatively shallow in the 50-100 meter range, excepting MK-12-36. This is exceptionally shallow in the regional exploration perspective, ie. the Broulan Reef Project to the east of the project area where drill targets exceed 2000 meters depth.

The Author recommends the continuation of the exploration program in two phases totaling a cost of approximately \$262,550. The first phase would entail surface stripping to locate the sub-crop of the newly discovered parallel "Bishop's Break" type lithology to the east. Additional stripping along strike of Bishop's Break to the north west is included in this phase. Based upon channel sampling results in stripped areas a continuation of exploration drilling is recommended as the second phase of continued exploration focusing on either the extension of Bishop's Break along strike and down plunge or the secondary system to the east depending upon which appears the most prospective in any given locations and returns the best channel assays.

4.0 Introduction

This Technical Report has been prepared for Crown Gold Corporation, (TSX-V:CWM), 401 Bay Street, Suite 2828, Toronto, Ontario, M5H 2Y4, for the purpose of filing a current technical report in accordance with NI 43-101 guidelines describing the geology, exploration history and mineral potential on their Patent claims on McKenzie Island, Red Lake, Ontario. The effective date of this report is December 30th 2013. This report will replace the current technical report filed, namely the "Technical Report on McKenzie Island Project, Red Lake, Ontario, Prepared for Crown Minerals Inc. Report for NI 43-101 by D. George Cargill, Ph.D., P.Eng. Consulting Geological Engineer Cargill Consulting Geologists Ltd., Suite 501, 55 University Ave., Toronto, On M5J 2H7 Canada", dated May 30th 2010.

All sampling and drill programs completed between July 2010 and November 2012 on the McKenzie Island property have been planned, implemented, directly supervised and reported by the Author as the designated Qualified Person. Assays were processed and reported by SGS Laboratory, Red Lake, Ontario and an SGH (Soil Gas Hydrocarbon) survey was assayed and interpreted by Dale Sutherland of Actlabs, Ancaster, Ontario. Geophysical interpretation was completed by Frank Jagodits of Toronto, Ontario. The Author has personally inspected the property and been present

during each phase of exploration completed by Crown Gold Corporation between July 2010 and October 2012.

List of Abbreviations

Units of measurement used in this report conform to the SI (metric) system. All currency in this report is Canadian dollars (CN\$) unless otherwise noted.

Ag	Silver	mg	milligrams
Au	Gold	mm	millimeters
Az	Azimuth	MDI	Mineral Deposit Inventory
°C	degrees Celsius	MNDM	Ministry of Northern Development and Mines
cm	centimeters	NI 43-101	National Instrument 43-101 (The Instrument)
dm	decimeters	NSR	Net Smelter Return
°F	degrees Fahrenheit	nT	nanotesla
Ga	billion years	OGS	Ontario Geological Survey
g/t	gram per tonne	opt	ounces per ton
На	hectare	oz	Troy ounce (31.1035g)
incl.	including	PPB	parts per billion
kg	kilograms	PPM	parts per million
1	liters	t	metric tonne
m	meters	Т	Imperial ton
Ma	million years	μg	Microgram

5.0 Reliance on Other Experts

In the preparation of this report the Author has relied upon data attained from the following sources;

- **1.** Crown Gold Corporation, specifically in reference to the title of the Patents and the contracted agreement between Timore Resources and Crown Gold Corporation.
- **2.** Reference has been made from the current technical report on the property by Cargill Consulting in regard to land tenure and commitments which according to Crown Gold Corporation have been fulfilled as of the effective date of this report.
- **3.** Geophysical survey data compiled by EXSICS Exploration Limited, Timmins, Ontario was provided to the Author by Crown Gold Corporation.
- 4. Geophysical interpretation was completed by Frank Jagodits of Toronto, Ontario.
- **5.** Soil Gas Hydrocarbon data and interpretation was provided by Dale Sutherland of Actlabs, Ancaster, Ontario and his entire report is included as an appendix as per condition of publication of data from Actlabs.
- **6.** Surface mapping of the southern portion of the Bishops Break stripped exposure was completed by Bob Kuehnbaum, P.Geo..
- **7.** All assay reporting was completed by SGS Laboratory, Red Lake, Ontario excepting ICP analysis which was completed at SGS Laboratory, Lakefield, Ontario.

6.0 Property Description and Location

The property is located west of the Town of Red Lake in north western Ontario, (Figure 1. Red Lake, Ontario). The Patent mining claim group is located in the Dome Township of the Red Lake Mining District on McKenzie Island and comprises an area totaling approximately 100 Ha (hectares) and is outlined in blue, (Figure 2. Red Lake Area), and Patent details listed, (Table 1. Patent Details).

Crown Gold Corporation optioned the claims from Timore Resources in 2009 and assumed title on December 20th 2013 having met the terms of the option agreement. Timore Resources retains the rights to a three percent (3%) Net Smelter Return (NSR) royalty. Crown shall have the right to purchase half (or 1.5%) of the NSR royalty by paying Timore Resources one million dollars (\$1,000,000). Surface rights remain the property of Obisco Red Lake Inc., excepting three privately owned cottage lots along the shoreline of Patent KRL 11390, (Figure 4. Cottage Lots within Patent Claim Group (source: Cargill Technical Report 2010)).

For the purpose of this report, the Author has relied on ownership information provided by Crown Gold Corporation. The Author has not researched property title or mineral rights for the McKenzie Island Project and expresses no opinion as to the ownership status of the property. Except for the purposes legislated under provincial securities laws, any use of this report by any third party, is at that party's sole risk.

The project access road originates at the shoreline landing point on McKenzie Island at NAD83 UTM coordinates 15U 439310mE, 5655925mN, which is centrally located on the southern boundary of Patent KRL 11419, (Figure 18. Project Area Stripping and Road Works). The property boundaries are delineated by traditional cut line and post staking however the overgrowth has removed any signs of the original cut lines. The Author did note some old claim posts within and bounding the property however GPS positioning was relied upon for boundary confirmation. The property is randomly pocketed with exploration trenches and pits most likely originating in the 1930's while stripping and diamond drilling was being undertaken by MacAndrew Gold Mines on the NNW striking auriferous quartz vein that cuts across Patent KRL 11419.



Figure 1. Red Lake, Ontario



Figure 2. Red Lake Area



Figure3 . Project Area Patents

Claim	Township	Parcel Number	На	Taxes
KRL11390	Dome	3177PDF	15.09	\$53.87
KRL11391	Dome	3178PDF	27.28	\$110.42
KRL11392	Dome	3179PDF	10.9	\$44.13
KRL11418	Dome	3180PDF	8.98	\$33.23
KRL11419	Dome	3181PDF	30.34	\$104.88
KRL11667	Dome	3182PDF	7.44	\$25.53
Total			100.03	\$372.06

Table 1. Patent Details



Figure 4. Cottage Lots within Patent Claim Group (source: Cargill Technical Report 2010)

To the best knowledge of the Author there are no known environmental liabilities to which the property is subject. Work to date by Crown Gold Corp. on the property has been of minimal environmental impact and no equipment or materials have been left on site excepting capped collars at drill sites and warning signs and flagging near cleared or pitted areas.

As of April 2013 amendments to the Mining Act require that low impact early exploration activities require an Exploration Plan and low to moderate impact early exploration activities require an Exploration Permit. As the project area is within Patent mining claims, permitting was not required prior to this date. Future work recommended will require application for an exploration permit in accordance with current legislation which will include notice and pre-consultation with First Nations groups and the titled surface rights owner.

A recent Ontario Supreme Court Decision has created a staking alienation across much of the Kenora and Red Lake Mining Districts, (Figure 5. Keewatin Area Alienation Notice). As noted, Ontario and other parties are in the process of appealing the trial decision, the effect of which has been suspended by a stay pending a decision from the Ontario Court of Appeal.



From OGS GEO-CLAIMS Sept 3rd 2013

Notice Regarding Staking and Mineral Exploration Activity in the Keewatin Area "On August 16, 2011, the Ontario Superior Court of Justice released a trial decision in the case of Keewatin et al v. Minister of Natural Resources et al (citation 2011 ONSC 4801). Among other matters, the case involves a challenge to Ontario's ability to authorize land uses in an area that was added to the province in 1912 (the "Keewatin Area"). Ontario and other parties are in the process of appealing the trial decision, the effect of which has been suspended by a stay pending a decision from the Ontario Court of Appeal. We are bringing the decision to your attention as this location falls within the Keewatin Area. Before staking a mining claim and/or pursuing mineral exploration activity in the Keewatin Area, you are encouraged to obtain independent legal advice regarding any possible effect this litigation may have on your rights."

Figure 5. Keewatin Area Alienation Notice

7.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography

Red Lake is approximately 180 kilometers northwest of Dryden and can be accessed by provincial Hwy 105 which begins at the Trans Canada Hwy just east of Vermillion Bay. Red Lake is currently a producing mining community with a well established infrastructure, labour pool and year round rail road and air access. Red Lake has commercial air service from Thunder Bay and Winnipeg. Spring to fall access to the property can be attained by boat or commercial ferry to McKenzie Island's north east shoreline and quad or foot access along roads and cross country ski trails. Access to the property in winter was enabled by establishing an ice road from St. Paul's Bay landing in the town of Red Lake, (Figure 6. Ice Road Access to McKenzie Island). The topography is gently sloping with occasional small ridges and scarp faces in the magnitude of one to five meters height. Elevation ranges from around 345 meters AMSL (above mean sea level) at the Red Lake shoreline to nearly 400 meters AMSL towards the northern portion of the property.



Figure 6. Ice Road Access to McKenzie Island

There are numerous perched swamps or beaver marshes across the property which tend to be densely forested with cedar. Gently to moderate sloping areas are moderately to densely forested with poplar, spruce and fir trees. Glacially polished outcrops are moss covered and meter scale erratic boulders occur across the property. Poorly sorted cobble till and sand fill low lying areas with thicknesses up to 25 meters encountered in drilling, humus cover varies from a few centimeters to decimeters.

Any planned exploration programs need to take into consideration the weather conditions in regard to planning and implementation. Winters can be extremely harsh with white out conditions common, particularly on ice roads. Warm summer afternoons on a calm Red Lake can turn into a gale with 2 meter waves with little forewarning. The climate data collected by Environment Canada at the Red Lake Airport between 1981 and 2010 is shown below, (Table 2. Climate Data Red Lake Airport 1981-2010). Ice starts forming on Red Lake in late November to early December and the ice roads are usually passable by mid January. The ice is usually clear from the lake by late April to early May.

As the property surface rights are currently owned by the same entity who will retain a share of the NSR, the Author cannot anticipate any hindrance to surface access for exploration or potential development. The proximity of old mine sites on McKenzie Island north east of the property holds potential for processing, waste disposal and tailing storage areas.

				[hide]Clim	ate data fo	r Red Lake	Airport (1	<u>981–2010)</u>					
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<u>Record</u> high Humidex	5.8	8.8	15.8	27.6	37.3	42.8	43.9	42.3	38.9	28.4	17.8	6.3	43.9
Record high °C (°F)	14.8 -58.6	9.5 -49.1	17.2 -63	30.6 -87.1	32.7 -90.9	37.2 -99	35.8 -96.4	36.1 -97	33.2 -91.8	27.2 -81	18.3 -64.9	8.9 -48	37.2 -99
Average high °C (°F)	-12.7 -9.1	-8.6 -16.5	-0.8 -30.6	8.6 -47.5	16 -60.8	21.1 -70	23.8 -74.8	22.7 -72.9	16 -60.8	7.8 -46	-2.0 -28.4	-10.5 -13.1	6.8 -44.2
Daily mean °C (°F)	-18.3 (-0.9)	-15 -5	-7.4 -18.7	2.2 -36	9.6 -49.3	15.1 -59.2	18.1 -64.6	17 -62.6	11 -51.8	3.7 -38.7	-5.7 -21.7	-15.3 -4.5	1.3 -34.3
Average low °C (°F)	-23.9 (-11)	-21.3 (-6.3)	-13.9 -7	-4.2 -24.4	3.1 -37.6	9.1 -48.4	12.4 -54.3	11.4 -52.5	5.9 -42.6	-0.4 -31.3	-9.4 -15.1	-20.0 (-4)	-4.3 -24.3
Record low °C (°F)	-45.6 (-50.1)	-45.7 (-50.3)	-39.6 (-39.3)	-28.8 (-19.8)	-12.2 -10	-3.0 -26.6	1.5 -34.7	-1.4 -29.5	-7.2 -19	-15.8 -3.6	-38.7 (-37.7)	-43.9 (-47)	-45.7 (-50.3)
Wind chill	-55.5	-54.0	-44.3	-32.2	-22.2	-4.6	0	0	-13.7	-20.5	-39.7	-50.7	-55.5
Precipitation mm (inches)	26.8 -1.055	17.3 -0.681	28.4 -1.118	34 -1.339	73.4 -2.89	99 -3.898	103.4 -4.071	88.3 -3.476	83 -3.268	59.7 -2.35	42.9 -1.689	30.2 -1.189	686.4 -27.024
Rainfall mm (inches)	0.34 -0.0134	1.3 -0.051	6.9 -0.272	17.7 -0.697	66.9 -2.634	98.8 -3.89	103.4 -4.071	88.3 -3.476	82 -3.228	40.9 -1.61	8.4 -0.331	0.72 -0.0283	515.7 -20.303
Snowfall cm (inches)	35.5 -13.98	22.1 -8.7	26 -10.24	18.2 -7.17	7 -2.76	0.26 -0.102	0 0	0 0	1.1 -0.43	21.1 -8.31	42.9 -16.89	39.4 -15.51	213.6 -84.09
Avg. precipitation days (≥ 0.2 mm)	13.8	10.2	10.4	8.6	13.2	15.8	15.2	13.7	14.9	15	14.7	15.2	160.7
Avg. rainy days (≥ 0.2 mm)	0.6	0.8	2.5	5.3	12.4	15.8	15.2	13.7	14.6	10.7	3	0.83	95.4
Avg. snowy days (≥ 0.2 cm)	15.1	11.3	9.8	4.9	1.7	0.1	0	0	0.97	6.7	14.3	16.4	81.4
<u>Mean</u> monthly sunshine hours	103.6	125	178.9	224.8	253.8	246.9	269.5	254.3	168.3	110	65.1	82.1	2,082.20
Percent possible sunshine	39.5	44.4	48.7	54.3	52.7 Source: F	50	54.1	56.7	44.3	33	24.2	33.1	44.5

Table 2. Climate Data Red Lake Airport 1981-2010

8.0 History

The earliest work known to the Author to be completed on the property was reported by John W. Shaw in 1934 pertaining to trenching and diamond drilling undertaken by MacAndrew Red Lake Gold Mines Ltd., Ministry of Northern Development and Mines (MNDM) assessment file 52N04SW007963.4070 DOME TWP. In this report Shaw refers to Ontario Government Geologist classification geology underlying the property as being granite so an earlier visit and mapping is indicated. Drilling completed by MacAndrew Red Lake Gold Mines Ltd. has been tabulated by G. Cargill in his 2010 report and is included below detailing the best intersects of 6 of 15 holes completed, (Table 3. Historic Drilling Results (NI 43-101 non-compliant)). This drilling and associated assay result are considered non-compliant by NI 43-101 reporting standards. Cargill has converted the results reported in dollars per ton gold to g/t Au using a value of one troy ounce being equivalent to \$20.00. Cargill used 1 oz/ton as 34.2857 grams/tonne and 1 foot as 0.3048 meter. The meaning of vertical depth is assumed to be the vertical depth as measured on a cross section. The meaning of width is undefined, being either the measured intercept or an estimated horizontal thickness.

BH #	Depth m	Width m	Au g/t
3	3.4	3.3	23.3
3	4	0.3	47.3
4	6.4	2.2	5.9
7	27.4	1.2	43.2
1	4.3	0.9	11.7
1	6.1	1.3	8.1
1	6.4	1.9	7.3
5	4.3	0.9	8.2
6	5.8	0.5	7.5
6	6.7	0.6	3.4

Table 3. Historic Drilling Results (NI 43-101 non-compliant)

Work during the 1930's focused on the N25W striking quartz vein in the central portion of KRL 11419, referred to in this report as Bishop's Break and in the Ontario Ministry of Northern Development and Mines (MNDM) Mineral Deposit Inventory as the MacAndrew Prospect. There was also a limited focus with some trenching and three diamond drill holes on an east west trending shear in the southern portion of KRL 11390 referred to in Cargill's report as the MacAndrew's Trend. MNDM assessment files indicate that 26 holes were drilled totalling approximately 1500 meters by MacAndrew Red Lake Gold Mines Ltd. between 1934-1936. Atkinson's 1994 Ontario Geologic Survey open file report 5878 reports geologic mapping undertaken by Gold Fields Canada Mining

Ltd. in 1981-1982, however the property is listed as idle from 1936-1982 with no assessment work filed. Atkinson's 1993 Open File Map 231 also displays the trenching on the MacAndrew Prospect. There is no current work since 1982 filed on the MNDM assessment system. There is record of work on the MDI database which includes Cargill's NI 43-101, sample collecting, grid cutting, geophysics and the channel sampling that are detailed in this report.

The MDI Exploration history notes the MacAndrew's Prospect are as follows;

"15/03/2012- 1934-1936: MacAndrew Red Lake Gold Mines acquires property, a completes stripping, trenching, and drills 26 holes totalling approximately 1500m. 1936-1982:idle. GRADE 1936 VEIN EXTENSIVELY TRENCH/DRILL: CHANNEL SAMPLING :0.544 OPT AU/1.8 FT FOR A 65 FT LENGTH. 2009: Cargill completed a N1 43-101 on the property for Crown Minerals Inc. Cargill collected samples from the area. Complete grid cutting on the property and ground magnetic and VLF-EM geophysical surveys. This MDI and MDI52NO4SWOO078 were the areas of target, though on the website one can't see which samples belong to which areas. Highest Channel sample returned 31.37 g/t Au over 0.6m"

Author's note; The highest channel sample referred to above was wrongly described as the highest in the set of results released on <u>www.crowngoldcorp.com</u>. The highest channel sample result was actually 122.42 g/t Au over 0.5m from channel cut CC24 in the B Zone, (Table 6. Primary channel sampling results).

There are no known mineral resource or mineral reserve estimates on the property nor has there been any production of which the author is aware.

9.0 Geological Setting

9.1 Regional Geology

The property lies in the Red Lake greenstone belt which is located in the Uchi Subprovince of the Archean age Superior Province, (Figure 7. Regional Geology - (source: Cargill Technical Report 2010, map after Stott & Corfu 1991)). As per Stott and Corfu 1991;

"The Uchi Subprovince contains a linear, belt-like collage of volcanic and sedimentary assemblages that represent discrete magmatic and erosional pulses during approximately 280 million years of Archean history. These supracrustal rocks, underlain by synvolcanic plutons, were invaded by younger felsic plutons and were shouldered aside by buoyant batholithic complexes during several orogenic periods, the most prominently preserved being the Kenoran Orogeny, which culminated in this part of the Superior Province about 2.7 Ga. Some clastic and chemical sedimentary sequences comprise the youngest units in the volcanic assemblages. Other sedimentary rocks form separate assemblages lying unconformably upon the volcanic units and formed mainly during the Kenoran Orogeny. Some volcanic assemblages are dominantly composed of tholeiitic basalt and komatiitic rocks, interpreted to have originated as oceanic mafic plain sequences, probably in a backarc setting; most assemblages are composed of cycles or sequences comprising tholeiitic basalt platforms overlain by calc-alkalic andesite, dacite and rhyolite, interpreted to have originated in continental or oceanic arcs."



Figure 7. Regional Geology - (source: Cargill Technical Report 2010, map after Stott & Corfu 1991)

9.2 Local Geology

The property is underlain by the felsic intrusive rocks of the Dome Stock which contains inclusions of felsic meta-volcanic rocks and intermediate to felsic, intrusive rocks, (Figure 8. McKenzie Area Geology and Figure 9. Legend to Red Lake Geology OGS Open File 4594).

The perimeter of the Dome Stock has proven to be highly prospective as evidenced by the amount of producing mines and gold showings located around it. This is readily observed in Figure 8, and particularly in Figure 13. Gold Deposits in the Red Lake Area. The McKenzie stock is dated at 2720 +/- 2Ma and the Dome Stock has been dated younger at 2718 +/- 1Ma, (Figure 9. Legend to Red Lake Geology OGS Open File 4594). Dykes ranging from gabbroic to granodiorite in composition dated at 2800-2600 Ma have filled shrinkage cracks and structural weakness associated with the Dome Stock emplacement. Quartz veining, often auriferous, has in many instances channeled along these pathways prior to the dyke emplacement.

The auriferous quartz vein focused on in the project area occurs in a shear zone that is exposed on Kings Island south of the property in Red Lake. The Author contends that this shear zone extends across the Dome Stock to the southern shore of Red Lake where published MDI data from Red Lake Gold Shores Mines veins 1,2 & 3 bears similarity in both strike and lithology, (Figure 10. Projection of Bishop's Break across Red Lake). Recent drilling, MK-12-36, intersected a parallel auriferous quartz chlorite vein system approximately 300 meters east of the Bishops Break outcrop which the Author contends is possibly an extension of Red Lake Gold Shores shafts 1 & 2 vein.



Figure 8. McKenzie Area Geology Extracted from Red Lake Geology OGS Open File 4594



Figure 9. Legend to Red Lake Geology OGS Open File 4594

9.3 Property Geology

The 1932-1934 workings exposed a quartz vein trending at Az340 dipping at 70 degrees to the east. This is listed with the Ministry of Northern Mines and Development's Mineral Deposit Inventory as MDI52N04SW00044 and described as the MacAndrew Red Lake Prospect - 1983. The Author has and will throughout this report refer to this occurrence as "Bishop's Break" in reference to the Patent surface rights holder, the Honorable Peter Bishop.

The quartz vein follows a sheared faulted contact in the Dome Stock granodiorite which bears evidence of multiple shearing and emplacement events. The shear contact strikes at Az340 and dips sub vertically to the east with a downwards displacement of between 2-6 meters to the east noted across the property. The hanging and footwall are comprised of Dome Stock granodiorite which is sheared and remobilized in segments and carries centimeter to decimeter scale, fine grained, dark green mafic xenoliths, (Figure 11. Xenolithic Granite). This xenolithic hybrid granodiorite is evidence of the primary shearing to occur with the xenoliths possibly being representative of the adjacent hosting greenstone at the time of the Dome Stock emplacement.

There is evidence of three further shearing and or emplacement events including, the quartz veining, a medium to coarse grained porphyritic diorite dyke, and a fine grained dark green to black mafic dyke, with both of the later displaying sheared versions. The quartz vein which has numerous chloritic partings parallel to the veins contacts indicates numerous cycles of shearing and or parting contemporaneous with emplacement of quartz along the chloritized sheared contact, sometimes referred to as crack and fill veining. The vein varies in thickness from millimeter scale veinlets in a sheared zone to over 1 meter wide by channel cut sample, CC-24, along an exposed strike length of more than 100 meters.

Minerals noted associated with the system included siderite, hematite, pyrite, chalcopyrite, pyrrhotite and visible gold. The quartz itself appears to have a milky phase included inside a more translucent phase with mineralization often associated with these contacts as well as with hematized or chloritic fractures. There is potential for gold mineralization in the quartz vein and sheared zone as well as in the adjacent hybrid granite and mafic dyke. Drilling has exposed the fact that the quartz vein transcends the anticipated position at the contact between the mafic dyke and the sheared granite occurring completely within each independent unit in different holes.

As mentioned in the previous sub-section on local geology, the vein occurs in a shear zone that is exposed on Kings Island and correlates with strike and position of Red Lake Gold Shore Mines MDI's on the southern shore of Red Lake. Geophysical evidence indicates a continuation of the shear zone across the extent of the claims being nearly 1 kilometer in a north westerly direction also transecting the east west MacAndrew Trend, (Figure 17. VLF-EM interpretation by Frank Jogodits).

Historical reports describe the MacAndrew Trend as a gold bearing east west trending iron carbonate shear zone dipping at 45 degrees to the north. The zone can be traced on surface via a series of shallow aging exploratory pits and a 1-3 meter east west trending, displaced down to the south, sub vertical south dipping, scarp face. Burton's 1936 report on the property refers to Shaw's recommendations to drill the intersection of these two trends. Geophysical consultant Frank Jagodit's interpretation of EM (electro-magnetic) conductors seen in Figure 17, form a three way intersection at this point as well. The Author has referred to this target area as the "Perfect Storm".

This area was one of the targets of the winter drilling program with 3 holes being directed across this zone.

Drilling has indicated the continuity of the "Bishop's Break" lithology to over 1 kilometer below surface and also revealed a similar lithology sub cropping approximately 300 meters to the north east, (Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011).

The Bishop's Break quartz vein exposed at surface pinches and swells from millimeter to meter scale through what has been described previously as the A and B Zones. The 1997 MNDM, MDI description of the prospect is as follows;

"24/01/1997 The quartz veins strike approximately N23 degrees W and dip 68 to 77 degrees to the NE. Both veins pinch and swell considerably along strike and with depth. Both veins have been intersected in diamond drill holes down to depths in the order of 90m. Contacts between the quartz veins and the wall rocks are sharp. The quartz veins consist mainly of white glassy quartz. In places the veins have a banded appearance due to thin films and streaks of chlorite and wallrock along fractures sub-parallel to the vein margins. The most northerly vein is 7.5 meters long and varies in width from 0.2 to 0.6 meters. The south vein has been traced from 50 meters, and varies from 0.02 to 0.05 meters in width. Two small ore shoots have been outlined. Northern vein is 7.5m long, 0.7m wide on average, has an average uncut grade of 1.260 opt Au and an average cut grade of 0.360 opt Au. The Southern vein is 19.5m long, has an average uncut grade of 0.544 opt Au and an average cut grade of 0.3444 opt Au.2009 Chip and grab samples taken from available exposures in the old trenches. Of the 11 samples collected there were 7 anomalous samples. Ranging up to 13.85 PPM Au." (Authors note; 1 PPM (part per million) = 1 g/t (gram per tonne))"

The Author is unsure of the source of the grades averaged and considers this information to be non compliant by NI 43-101 standards. Of note is that the MDI refers to a north and south vein. The Author has referred to these zones in accordance with Burton's 1934 report as the "A" and "B" Zones. The "A" zone is approximately 50 meters of continuous strike with true widths pinching down to millimeters and swelling up to just over 1 meter. There is a 12 meter section where the contact is traceable however no quartz is evident. The north vein or "B" zone extends over a 10 meter strike length however what opens up as a fairly robust vein at the southern limit quickly diminishes into a sheared segment with quartz flooding northward. This northerly segment is still highly auriferous as evidenced by the channel sample assays, (Table 5. Channel Sampling Logs & Assay Results).

A loose grab sample found in the "B" zone indicates shearing, folding and/or later dyke emplacement that seems to have truncated the quartz veining at the north end of the "B" zone and may actually be a micro-capitulation of an axial fold plane, (Figure 12. "B" Zone Grab Sample and Associated MNDM Correspondence). This sample is on display at the Red Lake Ministry of Northern Development and Mines office where as per personal communication from District Geologist Carmen Storey as of the time of this report it was one of only three samples on display that had traces of visible gold. MNDM assay results of a slab of this specimen returned 4.7 oz/ton Au and 1.3 oz/ton Ag (161.1g/t Au, 44.6g/t Ag).



Figure 10. Projection of Bishop's Break Across Red Lake



Figure11 . Xenolithic Granite



From: carmen.storey@ontario.ca To: eco.geo@live.com Subject: RE: merry christmas Date: Fri, 27 Dec 2013 17:40:26 +0000

Scott

Here is the lab certificate for the folded quartz vein sample with fine visible gold, the sample number is 2010CS052 from lab job number 10-0553. The other sample on this certificate is a surface sample from Madsen. We have the polished sample in our display along with two other samples (one from Madsen Mine and the other from the Rivard Todd Township property) that show visible gold. I have attached the digital results as a .pdf and I scanned the hard copy from my file as it has the lab signature.

Carmen Storey, B.Sc., P.Geo. District Geologist Ministry of Northern Development and Mines Mines and Minerals Division Ontario Geological Survey, Resident Geologist Program P.O. Box 324, 227 Howey Street Red Lake, Ontario

(Tel) 807 727 3284 (Fax) 807 727 3553 Carmen.storev@ontario.ca

Figure 12. "B" Zone Grab Sample and Associated MNDM Correspondence

10.0 Deposit Types

The anticipated deposit types explored for on the property are described by Stott and Corfu 1991 who referred to earlier work by Horwood 1948 and Pirie 1981. Essentially fractures and shear zones developed due to stresses imposed on the belt by the emplacement of external granitic batholiths. There is a spatial association noted between the gold deposits of the eastern part of Red Lake and a zone of pervasive iron carbonatization in the lower theolitic to komatilitic sequence, the Balmer assemblage. Andrews et al. 1986, summarized that the gold deposits are products of hydrothermal fluids introduced into ductile deformation zones at a late stage in the tectonic history of the belt probably contemporaneous with plutonic emplacements.

The Balmer assemblage has recently been drilled in the McKenzie Channel east of the project area. With projected depths of over 2000 meters, if the unit does continue to plunge westward to beneath the project area, it's depth would be economically prohibitive to traditional exploration methods. Subsequently, the deposit type focused on for exploration was modeled on second generation diorite emplacement within the Red Lake greenstone belt such as at the McKenzie and Gold Eagle Mines as well as the Howie.

In the 2009 MNDM Recommendations for Exploration, Andreas Lichtblau states;

"The Dome Stock, McKenzie Stock and Howie diorite are classified as second generation, internal intrusions within the Red Lake greenstone belt (Parker 2001). The Dome Stock was emplaced at 2718 ± 1 Ma (Corfu and Andrews 1987); the McKenzie Stock was emplaced at 2720 ± 2 Ma (Corfu and Andrews 1987) and is probably related to the Dome Stock. Howie "diorite" (which ranges in composition from quartz porphyry to mafic amphibole and pyroxene diorite) is speculated to be coeval with the other two intrusions (Parker 2001) and all are interpreted to have been emplaced during D2, a complex deformation event (Sanborn-Barrie et al. 2000). All 3 internal intrusions host a number of gold occurrences, with production of 714,000 ounces of gold from a total of 4 past-producers in the Dome and McKenzie Stocks."

In the 2010 MNDM Activities Report Lichtblau refers to the large tonnage low grade potential being explored by Mega Precious Metals on the Laverty Dyke. As noted;

"Mega Precious Metals Inc., on its North Madsen properties (see Mega Precious Metals Inc. write-up in MNDM 2010 Exploration Activity), revealed extensive, low-grade gold mineralization within a 5 meter wide mafic dike (the Laverty Dike zone) and surrounding Dome Stock granodiorite. An NI 43-101 compliant indicated resource of 395,000 t at 2.56 g/t Au, plus an additional inferred resource of 32,000 t at 3.32 g/t Au on the Laverty Dike zone (open pit and underground, above 100m depth) was calculated with data from holes drilled to the end of April, 2010 (Harron and Puritch 2010)."

Lichtblau also refers to Crown Gold Corporations channel sampling and primary drill program and relates both deposits to a trend set defined by Blackburn et al. (1999). As noted;

"Crown Gold Corporation completed channel sampling and 10 diamond drill holes (totalling 661 m) testing auriferous quartz veins along the western contact of a 155° trending mafic

dike that cuts the Dome granodiorite stock. Both dikes fall into a southeasterly trending set defined previously by Blackburn et al. (1999); e.g., Skookum: 150°; Laverty: 150°; Red Lake Gold Shore: 145°; Buffalo: 119°; Pine Island: 160°."

(Figure 13. Gold Deposits in the Red Lake Area), details the gold mines and deposits of Red Lake, highlighting the above mentioned deposits, and (Table 4. Historic Gold Production Red Lake), sourced from the MNDM 2012 Report on Activities, details historic gold production from the Red Lake District.



Figure 13. Gold Deposits in the Red Lake Area (source: MNDM Report on Activities 2009, Legend: □ Present and past-pro&ucing gold mine; Gold occurrence or prospect. (Adapted from Sanborn-Barrie et al. 2004))

Gold production	in the Red Lake	e District to December	31st 2012
------------------------	-----------------	------------------------	-----------

2006-present ⁽¹⁾ 1949-2006 ⁽²⁾ 1948-2006 ⁽³⁾ 1938-1976, 1997 ⁽⁵⁾ -1999 1939-1971 1935-1966 1930-1941, 1957 ⁽⁸⁾ 1938-1952 1948-1956 1939-1948 1939-1943 1934-1952 1960-1963 1938-1941 1940-1948 1937-1941	(Short Tons) 5 569 740 19 944 241 9 606 894 8 678 143 2 311 165 2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	Troy Ounces 4 378 390 11 216 443 5 962 948 2 452 388 1 244 279 651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	Ounces per Tor 0.786 0.564 0.621 ⁽⁴⁾ 0.283 ⁽⁶⁾ 0.238 ⁽⁷⁾ 0.277 0.091 ⁽⁹⁾ 0.144 0.181 0.281 0.151 0.368 0.192
2006-present ⁽¹⁾ 1949-2006 ⁽²⁾ 1948-2006 ⁽³⁾ 1938-1976, 1997 ⁽⁵⁾ -1999 1939-1971 1935-1966 1930-1941, 1957 ⁽⁸⁾ 1938-1952 1948-1956 1939-1948 1939-1943 1934-1952 1960-1963 1938-1941 1940-1948 1937-1941	5 569 740 19 944 241 9 606 894 8 678 143 2 311 165 2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	4 378 390 11 216 443 5 962 948 2 452 388 1 244 279 651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	0.786 0.564 $0.621^{(4)}$ $0.283^{(6)}$ $0.538^{(7)}$ 0.277 $0.091^{(9)}$ 0.144 0.181 0.281 0.151 0.368 0.192
1949–2006 ⁽²⁾ 1948–2006 ⁽³⁾ 1938–1976, 1997 ⁽⁵⁾ –1999 1939–1971 1935–1966 1930–1941, 1957 ⁽⁸⁾ 1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	19 944 241 9 606 894 8 678 143 2 311 165 2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	11 216 443 5 962 948 2 452 388 1 244 279 651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	0.564 $0.621^{(4)}$ $0.283^{(6)}$ $0.538^{(7)}$ 0.277 $0.091^{(9)}$ 0.144 0.181 0.281 0.151 0.368 0.192
1948–2006 ⁽³⁾ 1938–1976, 1997 ⁽⁵⁾ –1999 1939–1971 1935–1966 1930–1941, 1957 ⁽⁸⁾ 1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	9 606 894 8 678 143 2 311 165 2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	5 962 948 2 452 388 1 244 279 651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	$0.621^{(4)}$ $0.283^{(6)}$ $0.538^{(7)}$ 0.277 $0.091^{(9)}$ 0.144 0.181 0.281 0.151 0.368 0.192
1938–1976, 1997 ⁽⁵⁾ –1999 1939–1971 1935–1966 1930–1941, 1957 ⁽⁸⁾ 1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	8 678 143 2 311 165 2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	2 452 388 1 244 279 651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	$0.283^{(6)}$ $0.538^{(7)}$ 0.277 $0.091^{(9)}$ 0.144 0.181 0.281 0.151 0.368 0.192
1939–1971 1935–1966 1930–1941, 1957 ⁽⁸⁾ 1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	2 311 165 2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	1 244 279 651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	$0.538^{(7)}$ 0.277 $0.091^{(9)}$ 0.144 0.181 0.281 0.151 0.368 0.192
1935–1966 1930–1941, 1957 ⁽⁸⁾ 1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	2 353 833 4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	651 156 421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	0.277 0.091 ⁽⁹⁾ 0.144 0.181 0.281 0.151 0.368 0.192
1930–1941, 1957 ⁽⁸⁾ 1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	4 630 779 1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	421 592 218 213 163 990 157 341 114 467 101 875 55 244 52 560	0.091 ⁽⁹⁾ 0.144 0.181 0.281 0.151 0.368 0.192
1938–1952 1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	1 515 282 907 813 560 607 757 074 276 573 288 179 46 457 152 978	218 213 163 990 157 341 114 467 101 875 55 244 52 560	0.144 0.181 0.281 0.151 0.368 0.192
1948–1956 1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	907 813 560 607 757 074 276 573 288 179 46 457 152 978	163 990 157 341 114 467 101 875 55 244 52 560	0.181 0.281 0.151 0.368 0.192
1939–1948 1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	560 607 757 074 276 573 288 179 46 457 152 978	157 341 114 467 101 875 55 244 52 560	0.281 0.151 0.368 0.192
1939–1943 1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	757 074 276 573 288 179 46 457 152 978	114 467 101 875 55 244 52 560	0.151 0.368 0.192
1934–1952 1960–1963 1938–1941 1940–1948 1937–1941	276 573 288 179 46 457 152 978	101 875 55 244 52 560	0.368 0.192
1960–1963 1938–1941 1940–1948 1937–1941	288 179 46 457 152 978	55 244 52 560	0.192
1938–1941 1940–1948 1937–1941	46 457 152 978	52 560	
1940–1948 1937–1941	152 978		1.131
1937–1941		45 246	0.296
1024 1040	180 095	40 204	0.223
1934-1940	105 357	27 142	0.258
1936–1938	86 333	21 100	0.244
1936–1937	11 228	1857	0.165
1981-1982	31 986	1656	0.052
1985-1986	2733	1397	0.511
1986–1988	13 023	1298	0.100
1976	972	377	0.388
1963-1966	577	1126	1.951
1929	N/A	362(10)	N/A
1927–1937	562	307	0.546
1935–1936	591	277	0.469
1933-1936	458	258	0.563
1987	N/A	N/A	N/A
	58 033 673	27 333 493	0.471
	1985–1986 1985–1986 1986–1988 1976 1963–1966 1929 1927–1937 1935–1936 1933–1936 1987 plex subsequent to May 12, 2006 ction figures under Placer Dome to and 1999, no production due to standard standa	1961 1962 51 966 1985–1986 2733 1986–1988 13 023 1976 972 1963–1966 577 1929 N/A 1927–1937 562 1935–1936 591 1933–1936 458 1987 N/A subsequent to May 12, 2006, the date of acquisitic ction figures under Placer Dome (CLA) Ltd., to May 12, and 1999, no production due to strike by unionized e dudes production from Rohin Red Lake	1961 1962 51 966 1050 1985–1986 2733 1397 1986–1988 13 023 1298 1976 972 377 1963–1966 577 1126 1929 N/A 362 ⁽¹⁰⁾ 1927–1937 562 307 1935–1936 591 277 1933–1936 458 258 1987 N/A N/A roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction from the Red Lake complex from January 1, 2006, and production roduction due to strike by unionized emp

 Table 4. Historic Gold Production Red Lake (Source MNDM Activities Report 2012)

11.0 Mineralization

The mineralized zones explored on the property have been on strike and parallel to the east of the Az340 striking "Bishop's Break" or MacAndrews Prospect as described in Section 9.3 Property Geology. The auriferous quartz veining encountered parallels a mafic dyke in an sheared hybridized xenolithic version of the Dome Stock granodiorite. **Zones described by Burton in 1934 as "A" and "B" zones have been channel sampled and drilled defining two higher grade mineralized zones at surface plunging slightly to the north west with two lenses of higher grade zones defined beneath the "A" zone with the lower open and undefined beyond 70 meters, (Figure 33. Long Section with 2010-2012 Intersects Contoured).**

The highest assay result from the project was returned from a "B" zone grab sample, (Figure 12. "B" Zone Grab Sample and Associated MNDM Correspondence), which returned 4.2 oz/ton Au and 1.3 oz/ton Ag. (161.1g/t Au, 44.6g/t Ag). This sample was collected as loose grab during the clearing of the B Zone by an excavator hence orientation was unconfirmed. The high silver assay was unexpected as the highest previous silver result as evidenced in the channel sample ICP multi-element assays was 6.5 g/t Ag at CC23, also in the B Zone. CC23 also had the highest gold result of a measured sample on the project with a cut of 122.5g/t Au over 45 centimeters. Numerous holes on the B Zone failed to define a definite plunge or continuation of mineralization more than 4 meters below surface. The 11 short holes MK-11-17 to MK-11-27 were drilled in a tight radiating series of three fan patterns from a position 2 meters west of the "B" zone trench. The intention of defining structural parameters to this portion of the vein were unsuccessful due to poor core recovery and poorly defined contacts, however the drill hole pattern resulting would allow a small blast at some future time which could facilitate a small bulk sample and possibly reveal geologic contacts or other indicators of structure. Two deeper intersect attempts on the "B" zone, MK-10-07 and MK-11-28 did not intersect significant values.

The main focus of the three phases of the drill program has entailed the exploration and definition of the mineralized lenses in the boudinaged quartz vein referred to as the "A" zone. Values ranged from trace up to 60g/t Au over 69 centimeters in MK-12-34. The higher grade area forms a narrow steeply plunging zone approximately 20 meters wide, (Figure 33. Long Section with 2010-2012 Intersects Contoured). This zone has been drilled with relatively close spacing down to approximately 70 meters below surface. **MK-11-35 intersected the Bishop's Break quartz vein at approximately 180 meters below surface intersecting only 0.5 g/t Au over 27 centimeters corrected width. MK-12-36 intersected the Bishops Break horizon at between 1103-1106 meters. The presence of pyrite and chalcopyrite was not augmented by any gold values at this intersect. There were also intersects between 314-332 meters down hole or approximately 300 meters below surface of Bishops Break style veining though only trace gold values were returned in assays.**

The Perfect Storm target, being the intersection of the MacAndrew's trend and Bishop's Break, approximately 200 meters north west of the "B" zone, was drilled with intersections at approximately 35 meters and 55 meters depth below surface returning 1.3 g/t Au over 100 centimeters and 0.4 g/t Au over 50 centimeters both in a diorite dyke adjacent to the quartz veining which was barren. An intersect of the Bishops Break vein 250 meters north west of the "B" zone returned trace values of 0.02 g/t Au over 25 centimeters at a depth below surface of approximately 45 meters.

The auriferous mineralization in the quartz veins intersected and sampled by channel proved to be subject to a nugget effect. That is to say that locally anomalously high gold values assayed can be attributed to the occurrence of coarse free gold at random positions across the vein. The gold mineralization is not confined to the quartz veining as values have been returned both in the hybrid granodiorite footwall of Bishop's Break as well as the adjacent diorite dyke at the Perfect Storm target and beyond to the north west.

12.0 Exploration

12.1 Geophysics

Exploration by Crown in 2010 included grid cutting on the property. The grid consists of lines trending east-west and north-south at 50 meter spacing with stations at 25 meter intervals on both sets of lines.

Crown also had ground magnetic and VLF-EM geophysical surveys performed by EXSICS Exploration Limited, based in Timmins, over the new, grid lines. The magnetics and VLF-EM were surveyed with an ENVI-Mag System and the maps were printed at 1:2500. (Figure 14.Total Field Magnetic Survey), data was contoured at 50 nT. (Figure 15. Gradient Magnetic Survey) , was contoured at 5 nT. (Figure 16. VLF-EM Survey), used Cutler Maine at 240 KHz and was plotted as profiles at 1 cm = 40%. These data sets were interpreted by Frank Jogodits of Toronto, (Figure 17. VLF-EM Interpretation by Frank Jogodits).

Although the Author interprets the magnetic data to be somewhat station-centric at the chosen contour interval, there does seem to be a correlation with the known geologic trends being Bishop's Break striking northwest to southeast and the MacAndrews trend striking east west. As the auriferous quartz vein on the property is in contact with a mafic dyke that bears a magnetic signature it would follow that any linear magnetic feature would be prospective for gold. It is the Authors opinion that the VLF-EM interpretation shown in Figure 17 provides a fairly clear representation of the underlying structure.



Figure 14. Total Field Magnetic Survey



Figure 15. Gradient Magnetic Survey



Figure 16. VLF-EM Survey



Figure 17. VLF-EM Interpretation by Frank Jogodits

12.2 Channel Sampling & Mapping

In July 2010 the author attended the property and located the 1932-1934 workings as described by Shaw and Burton, and established the position of some of the samples collected by George Cargill described in his May 2010 technical report.

A landing was cleared to enable excavating and drilling equipment to be barged across Red Lake from Cochenour. Draco (1985) Ltd. was contracted for road works and stripping as well as barge transport of equipment. A road was established by excavator from the barge landing to the area to be stripped. The target area was accessible from both the constructed road to the south and the pre-existing cross country ski trail to the north. Once the trend of the main NNW striking vein was established an area along strike approximately 220 meters long by 30-40 meters wide was stripped of vegetation and overburden by an excavator and then hand washed using a Honda pump and gas powered pressure washer, (Figure 18. Project Area Stripping and Road Works).

While the author and a technician cleared the exposed strike length of the contact in preparation for channel sampling, the southern portion of the stripped area referred to as the "A" zone was mapped by Consulting Geologist and QP Bob Kuehnbaum, (Figure 20. Geologic Mapping by Bob Kuhnenbaum). The northern portion, the "B" zone , was mapped by the Author in early November 2010. The main geologic contacts are outlined with drill traces, (Figure 27. Major Geologic Contacts, Channel Samples & 2010 Drill Traces).

All channel samples were cut perpendicular to the vein trend by the Author using a gas powered saw and chiselled by hand by the Author and a technician. Channel dimensions averaged 35-40 millimeters wide by 15-25 millimeters deep. Samples were numbered consecutively from left to right (west to east) and channels were numbered consecutively increasing northward, (Figure 19. Channel Sample Cuts Over Burton's Geology 1936).

The first channel cut (CC01) was made in the area previously referred to as the "T Trench" from the 1932 diggings. This point was designated as "0" meters north for later cross reference against Bob Kuehnbaum's grid, Br1, Br2, etc. The GPS position of the vein contact at CC-01 is UTM NAD83 Zone15 439246E, 5656034N, as recorded with a Magellan Explorist 500 GPS with approximately 6 meter accuracy on the day. In most instances the quartz vein comprised the center sample with at least 1.5 centimeters of "waste" included on each contact along with 2-4 flanking "waste" samples on either side of the quartz vein. The channel sampling occurred for an extent along the pre-existing scarp face of Bishops Break. Due to physical constraints of the outcrop face position some channels were limited to either vein or off vein cuts. Vertical or horizontal shifts in sample strings, when necessary, paralleled stratigraphic horizons.

All samples were individually chiselled and bagged under the direct supervision of the Author as QP, (Qualified Person). Alternating gold standards, silica blanks and lab coarse split duplicate requests were inserted on site at ten sample intervals. All samples were delivered by the Author to SGS Laboratory in Red Lake for assay by FAA313, fire assay atomic absorption, and IMS12B, 32 element by 2 acid digest. Assay results over 1 g/t Au were subsequently assayed by FAG303, fire assay gravimetric, and selected results over 10 g/t Au were assayed by metallic sieve analysis to define any nugget effect. All channels were photographed after sampling and are included in the appendices of this report. Lithologies abbreviated in the sample Table 5, are MYL – mylonite, SHR –

shear, FGR – felsic granite, FeCO3 – iron carbonate, HYB – hybridized, Q – quartz, V – vein, v – veinlet.

In August a preliminary channel sample survey of 115 samples of between 30-100 centimeters were taken from 31 channel cuts along 208 meters of strike for a total sample length of 64 meters and returned between 122 g/t gold over 0.5 meters and 0.01 g/t gold over 0.65 meters. Subsequently during the September drilling program, another 64 samples were taken from 13 channel cuts within the same strike length described above as infill to the previous data. Areas sampled concentrated on explaining the unexpected anomalously low results of CC14's Au assay and expanding on the anticipated higher grade results in the B Zone around CC23. New areas sampled included the 5 centimeter quartz vein found in the recently exposed contact with the mafic vein near the north east end of the stripped area (CC38), and the previously flooded area between CC03-CC04 (CC39-CC44).

This gives a channel cut total of 179 samples for a total sample length of 92 meters, (Table 5. Channel Sampling Logs & Assay Results). The purpose of this portion of the program was to redefine historic surface findings prior to diamond drill targeting. (Figure 33. Long Section with 2010-2012 Intersects Contoured), displays a representation of grade intersected at surface on the channel sampling program.


Figure 18. Project Area Stripping and Road Works



Figure 19. Channel Sample Cuts Over Burton's Geology 1936





over cm															over 30cm							over 55cm			over 30cm			over 75cm	over 25cm			over 25cm	
COMPS g/t															0.63							0.10			0.82			0.15	0.16			0.18	
CALCS																						2.0	3.6					4.2	4.0	2.8			
Au g/t >10	FAG303																																
Au Oz/t	FAG303																																
Au g/t (R)	4313																																
Au g/t	FAA303/FA/	0.04	0.01	<0.01	<0.01	0.02	0.01	0.06	<0.01	0.06	8.96	0.08	0.07	0.05	0.63	0.02	0.01	0.03	<0.01	0.02	<0.01	0.07	0.14	<0.01	0.82	<0.01	0.1	0.14	0.16	0.14	0.07	0.18	0.04
Sample #		687751	687752	687753	t 687754	687755	687756	687757	687758	687759	687760	687761	687762	687763	687764	687765	687766	280052	280053	280054	280055	280056	280057	280058	280059	280060	280061	280062	280063	280064	280065	280066	280067
Lithology		MYL	MYL	MYL	Vein Shear contac	SHR FGR	MAFIC DYKE	MAFIC DYKE	FGR	25mm Q V	STD 8.79g/t Au	FGR	FGR	FGR	22cm Q V	SHR FGR	SHR FGR		20cm Q V & He			16cm Q V			17cm Q V				14cm Q V			18cm Q V	
Type		ъ	ъ	ch	ch	ch	c	ch	c	ch	Oreas 62C	Ch	ch	ch	ch	ch	сh	ch	Ъ	ch	Ch	ch	ch	ch	ch	f 280061	сh	ch	ch	ch	Ch	ch	ch
Width cm		100	100	50	50	50	50	50	85	30	STD	85	50	50	30	50	50	35	30	30	30	29	26	36	30	Duplicate o	30	30	25	20	35	25	30
To (m)		1	2	2.5	3	3.5	4	4.5	0.85	1.15	0	2	0.5	1	1.3	1.8	2.3	0.35	0.65	0.95	0.3	0.59	0.85	0.36	0.66	0.96	0.96	0.3	0.55	0.75	0.35	0.6	0.9
From (m)		0	1	2	2.5	3	3.5	4	0	0.85	0	1.15	0	0.5	1	1.3	1.8	0	0.35	0.65	0	0.3	0.59	0	0.36	0.66	0.66	0	0.3	0.55	0	0.35	0.6
Position		0m N							31m N				40.75m N					44.4m N			45.6m N			46.9m N				47.7m N			50.65m N		
Sample #		687751	687752	687753	687754	687755	687756	687757	687758	687759	687760	687761	687762	687763	687764	687765	687766	280052	280053	280054	280055	280056	280057	280058	280059	280060	280061	280062	280063	280064	280065	280066	280067
Channel #		CC01	450						CC02	200			CC03	230				CC39	95		CC40	85		CC41	96			CC42	75		CC43	06	

						over 30cm					over 35cm	0ver 90cm				over 55cm			over 210cm	over 60cm			over 210cm	over 75cm				over 170cm	over 55cm	
						0.22					3.18	1.51				11.29			9.20	31.38			7.91	21.85				4.98	15.09	
											127.2	9.0							12.6	689.2	1193.3	36.8	15.3	528.1	1111.0	6.0		7.7	829.8	9.0
																11.29				22.97	39.78			15.09	27.77				15.09	
																0.33				0.67	1.16			0.44	0.81				0.44	
																6.67	13.35													
0.06	0.04	1.89	0.08	<0.01	:0.01	0.22	c0.01	0.08	0.06	0.01	3.18	0.18	0.09	:0.01	0.02	8.4	c0.01	0.07	0.18	•10	•10	0.46	0.18	•10	•10	0.12	2.14	0.11	•10	0.2
280068	280069	280070	280071	687767 <	687768 <	687769	687770 <	687771	687772	687773	687774	687775	687776	687777 <	687778	687779	687780 <	687781	687782	687783 >	687784 >	687785	687786	687787 >	687788 >	687789	687790	687791	687792	687793
	13cm Q V	STD 2.0 g/t Au		FGR	FGR	20cm Q V		FGR & Q v	FGR	FGR	35cm Q V	FGR	FGR	FGR	FGR	50cm Q V		FGR	FGR	55cm	Q۷	SHR FGR	FGR & Q v	70cm	Q۷	FGR	STD 2.0 g/t Au	FGR	51cm Q V	FGR
ch	c	Oreas H3	ch	ch	ch	сh	Silica	ch	сh	ch	ch	ch	ch	ch	ch	сh	of 687779	ch	ch	ch	ch	ch	Ch	ch	ch	сh	Oreas H3	ch	ch	ch
32	25	STD	30	50	50	30	BLK	50	50	50	40	50	35	50	50	55	Duplicate	60	20	30	30	80	85	35	40	50	STD	70	55	45
0.32	0.57	0	0.87	0.5	1	1.3	0	1.8	0.5	1	1.4	1.9	2.25	0.5	1	1.55	1.55	2.15	0.7	1	1.3	2.1	0.85	1.2	1.6	2.1	0	0.7	1.25	1.7
0	0.32	0	0.57	0	0.5	1	0	1.3	0	0.5	1	1.4	1.9	0	0.5	1	1	1.55	0	0.7	1	1.3	0	0.85	1.2	1.6	0	0	0.7	1.25
52m N				53m N					57m N					61m N					63.75m N				65.1m N					67m N		
280068	280069	280070	280071	687767	687768	687769	687770	687771	687772	687773	687774	687775	687776	687777	687778	687779	687780	687781	687782	687783	687784	687785	687786	687787	687788	687789	687790	687791	687792	687793
CC44	87			CC04	180				CC05	225				CC06	215				CC07	210			CC08	210				CC09	170	

		over 50cm							over 32cm		over 35cm		over 45cm			over 175cm						over 56cm		
		5.7							4.61		18.86		16.46			0.21						13.96		
																						273.0	508.9	
											18.86		16.46										18.17	
											0.55		0.48										0.53	
																0.52	0.52		:0.01					
0.14	0.04	5.7	0.06	<0.01	<0.01	<0.01	0.04	0.27	4.61	0.03	>10	0.19	>10	0.1	0.37	0.14	<0.01	0.15	0.01 <		0.03	9.75	>10	0.14
687794	687795	687796	687797	687798	687799	687800	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022		280001	280002	280003	280004
FGR	FGR	32cm Q V	FGR FeCO3	FGR FeCO3	FGR FeCO3		Granodiorite dyke 3m east of vein adjacent to CH15	Granite and sulphides east of mafic dyke contact 7m east of vein adjacent to CC18	24cm Q V	FGR	30cm Q V	FGR FeCO3	42cm qtz vein & 2x1.5cm waste	SHR MAF DYKE	SHR MAF DYKE	SHR MAF DYKE		SHR MAF DYKE	60cm Q V	-		51cm	Q۷	
ch	ch	ch	ch	ch	ch	Silica	Grab Sample	Grab Sample	с	ъ	ch	c	Grab sample	ch	с	പ	of 01019	ch	с		Ъ	с	с	c
85	85	50	50	50	50	BLK	GRAB	GRAB	32	35	35	45	GRAB	50	50	50	Duplicate	75	65		33	28	28	40
0.85	1.7	2.2	2.7	3.2	3.7	0			0.32	0.67	0.35	0.8	0.45	0.5	1	1.5	1.5	2.25	0.65		0.33	0.61	0.89	1.29
0	0.85	1.7	2.2	2.7	3.2	0			0	0.32	0	0.35	0	0	0.5	1	1	1.5	0		0	0.33	0.61	0.89
70m N									72.25m N		74.5m N		74.75m N	75.5m N					76.5m N		77m N			
687794	687795	687796	687797	687798	687799	687800	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022		280001	280002	280003	280004
CC10	370						Grab	Grab	CC11	67	CC12	80	Grab	CC13	225				CC14		CC32	129		

		over 45cm				over 80cm	over 50cm					over 38															over 40cm					over 40cm	
		27.09				1.79	2.23					1.34															0.16					0.11	
		1219.0				31.8	111.5																										
		27.09																															
		0.79																															
						1.37																										0.08	0.1
0.06	0.04	×10	0.21	0.1	1.87	1.06	2.23	0.02	0.03	0.35	0.03	1.34	9.05	0.06	0.02	0.06	0.04	0.08	0.04	0.03	0.05	0.07	0.01	0.01	<0.01	0.03	0.16	0.04	0.02	0.06	0.02	0.11	<0.01
280005	280006	280007 >	280008	280009	280010	1023	1024	1025	1026	λv 1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050 <
		41cm Q V			STD 2.0 g/t Au	MYL HYB FGR	35cm Q V	SHR MAF DYKE	MYL HYB FGR	- HYB FGR-SHR & C	MYL HYB FGR	38cm Q V	STD 8.79g/t Au	SHR MAF DYKE	MYL HYB FGR	MYL HYB FGR	10cm Q V	SHR MAF DYKE	MYL HYB FGR	Vein Shear contad	MAFIC DYKE	MYL HYB FGR		3cm Q V	MAFIC DYKE	MYL HYB FGR	8cm Q V	MAFIC DYKE	SHR	SHR	SHR	15cm Q V	
ch	ch	c	ch	с	Oreas H3	ch	ch	ch	ch	ch MY	c	ch	Oreas 62C	ch	сh	ch	c	ch	ch	c	ch	СҺ	Silica	ch	ch	Ъ	ch	ch	ch	ch	ch	ch	of 01049
40	38	45	50	50	STD	30	50	50	50	50	70	40	STD	75	60	60	30	35	70	30	50	50	BLK	35	50	38	40	43	70	75	70	40	Duplicate
0.4	0.78	1.23	1.73	2.23		0.3	0.8	1.3	0.5	1	1.7	2.1	0	2.85	0.6	1.2	1.5	1.85	0.7	1	1.5	0.5	0	0.85	1.35	0.38	0.78	1.21	0.7	1.45	2.15	0.4	0.4
0	0.4	0.78	1.23	1.73		0	0.3	0.8	0	0.5	1	1.7	0	2.1	0	0.6	1.2	1.5	0	0.7	1	0	0	0.5	0.85	0	0.38	0.78	0	0.7	1.45	0	0
78.5m N						79.5m N			81m N						83.75m N				88.5m N			95.75mN				105m N			115m N			125m N	
280005	280006	280007	280008	280009	280010	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050
CC33	223					CC15	130		CC16	285					CC17	185			CC18	150		CC19	135			CC20	121		CC21	215		CC22	40

					over 80cm	over 60cm		over 120cm	2 over 50cm						over 270cm	over 117cm									_	01/0r 22/0rm	over 185cm							1 over 125cm	over 95cm	
					11.30	14.87		51.25	122.4						2.77	6.08										2 0.7	6.26							12.04	12.89	
					48.9	843.5	11.2	14.8	6120.8	14.4				19.4	5.8	18.3	32.6	660.8	11.0						0.50	01.U	155.7	5.2	754.4	243.0				280.5	565.8	
						28.1178			122.42									16.1163											15.0876						10.29	
						0.82			3.57	-								0.47											0.44						0.3	
0.15	0.01	0.03	0.08	:0.01	1.63	10	0.56	0.37	•10	0.48	0.05	0.01	0.06	0.36	0.11	0.47	0.88	10	0.24	0.06	0.07	0.03	0.05	0.27	000	0.90	3.46	0.13	10	4.86	0.1	7.56	0.18	9.35	10	
280011	280012	280013	280014	280015 <	280016	280017 >	280018	1051	1052 >	1053	280019	280020	280021	280022	280023	280024	280025	280026 >	280027	280028	280029	280030	280031	280032		280035	280035	280036	280037 >	280038	280039	280040	280041	1054	1055 >	
					50cm	QTZ Flooding		SHR FGR	45cm QV	SHR FGR						1.05m	SHR &	QTZ Flooding									1.80m	Fe Co SHR &	QTZ Flooding			STD 8.79g/t Au		SHR	90cm	
ch	ch	ch	ch	Ch	ch	ch	сч	ch	ch	c	ch	Silica	ch	ch	ch	ch	ch	ch	ch	ch	ch	of 280029	ch	ch	τ	5 5	5 5	c	ъ	ch	ch	Oreas 62C	ch	ch	ch	
60	50	30	30	30	30	30	20	40	50	30	60	BLK	74	54	53	39	37	41	46	62	49	Duplicate	48	70	00	88 57	45	40	50	50	65	STD	80	30	55	
0.6	1.1	1.4	1.7	2	2.3	2.6	2.8	0.4	0.9	1.2	0.6	0	1.34	1.88	2.41	2.8	3.17	3.58	4.04	4.66	5.15	5.15	5.63	6.33	000	U.88 1 AE	1.9	2.3	2.8	3.3	3.95	0	4.75	0.3	0.85	
0	0.6	1.1	1.4	1.7	2	2.3	2.6	0	0.4	0.9	0	0	0.6	1.34	1.88	2.41	2.8	3.17	3.58	4.04	4.66	4.66	5.15	5.63	d	0 00	1.45	1.9	2.3	2.8	3.3	0	3.95	0	0.3	
129m N								129.5m N			130.6m N														14 1 0 0 0 0	NI ULT.72T								133.25m N		
280011	280012	280013	280014	280015	280016	280017	280018	1051	1052	1053	280019	280020	280021	280022	280023	280024	280025	280026	280027	280028	280029	280030	280031	280032		280033	280035	280036	280037	280038	280039	280040	280041	1054	1055	
CC34	280							CC23	120		CC35	633														1130								CC24	195	

					:0.01	1082 <	MYL HYB FGR	ch	60	2.25	1.65		1082	
					0.02	1081	20cm Q V	сh	45	1.65	1.2		1081	
					c0.01	1080 <		of 01079	Duplicate	1.2	0.6		1080	
					c0.01	1079 <	MYL HYB FGR	ch	60	1.2	0.6		1079	225
					:0.01	1078 <	MYL HYB FGR	ch	60	9.0	0	207m N	1078	CC28
					-								6 6 1 1	
					0.01	1077	MAFIC DYKE	5	40	1.55	1.15		1077	
			-		0.01	1076 <	FGR&QV	5 5	33	1.15	0.82		1076	001
					0.01	1075 <	FGR & O v	ę	44	0.87	0.38		1075	155
					0.02	1074	SHR MAF DYKE	ch	38	0.38	0	194.5m N	1074	CC27
					0.07	280051		с	90	1.87	1.07		280051	
					<0.01	280050 <		Silica	BLK	0	0		280050	
					c0.01	280049 <	5cm Q V	сч	70	1.07	0.7		280049	
					:0.01	280048 <		ch	40	0.7	0	183.2m N	280048	CC38
					¢0.01	1073 <	SHR FGR	ch	100	11	10		1073	
					c0.01	1072 <	SHR FGR	ch	100	10	6		1072	
					0.03	1071	SHR FGR	с	100	6	∞		1071	
					:0.01	1070 <		Silica	BLK	0	0		1070	
					:0.01	1069 <	SHR FGR	ъ	100	∞	7		1069	
					0.01	1068 <	SHR FGR	5 5	100	~	9		1068	
					0.01	1067 <	SHR FGR	e P	100	9			1067	
					0.03	1066	SHR FGR	5 5	100	- u	4		1066	
					TU U	1004 <	SHK FGK	5 8	100	n <	7		1064	
					<0.01	1063 <	SHR FGR	ch	100	2	1		1063	1100
					0.02	1062	SHR FGR	ch	100	1	0	160m N	1062	CC26
					000	1001	VIIC	5	2	C/.T	7'T		TOOT	
				-	2.03	1000	SID 2.0 g/t Au	Ureas H3	SID	5	D		1000	
					0.18	1059	SHR	с	55	1.2	0.65		1059	175
					0.05	1058	SHR	ch	65	0.65	0	140m N	1058	CC25
					0.03	280047		с	30	3.65	3.35		280047	
over 175cm	1.88	4.4			0.08	280046	QTZ Flooding	ъ	55	3.35	2.8		280046	
over 60cm	5.15	309.0			5.15	280045	Fe Co SHR &	ch	60	2.8	2.2		280045	
over 120cm	2.71	15.6			0.26	280044	1.7m	ъ	60	2.2	1.6		280044	
					0.03	280043		ъ	90	1.6	0.7		280043	
					0.04	280042		ch	70	0.7	0	134.55m N	280042	CC37

 1.1 37.72	3 >10	28007	CC37	IN CC34 &	JE BETWEE	PLE B ZON	GRAB SAM	280073	
 1.62 55.55	72 >10	28007	CC12	EN CC08 &	VE BETWEE	PLE A ZON	GRAB SAM	280072	
			5 cm (92m)	9236	SAMPLED	TOTAL			
	0 8.99	8.79g/t Au 109	Oreas 62C STD	STD	0	0		1090	
	89 <0.01	HR FGR 108	Ch S	40	1.35	0.95		1089	
	88 0.01	HR FGR 108	Ch S	40	0.95	0.55		1088	135
	37 <0.01	HR FGR 108	Ch S	55	0.55	0	75m N	1087	CC31
	6 0.33	5R&Qv 108	Ch FG	50	0.5	0	76m N	1086	CC30
	85 <0.01	L HYB FGR 108	Ch MYI	30	0.9	0.6		1085	
	34 <0.01	5cm Q V 108	Ch 15	30	0.6	0.3		1084	90
	33 <0.01	HYB FGR 108	Ch MYI	30	0.3	0	208m N	1083	CC29

Table 5. Channel Sampling Logs & Assay Results

12.3 Soil Gas Hydrocarbon & Soil Sampling

The SGH (Soil Gas Hydrocarbon) survey samples were collected by the Author and an assistant over 4 days in late October 2011, following the cut grid lines as shown, (Figure 21. SGH & Soil Sampling Grid). These samples were submitted to Actlabs in Ancaster, Ontario for analysis by their proprietary SGH process. Details of this process with case study comparisons are contained in the complete report is attached in Appendix 2 of this report.

The following summary description of the SGH survey technique is extracted from the Actlabs report;

"SGH is a deep penetrating geochemistry that involves the analysis of surficial samples from over potential mineral or petroleum targets. The analysis involves the testing for 162 hydrocarbon compounds in the C5-C17 carbon series range applicable to a wide variety of sample types. SGH has been successful for delineating targets found at over 500 metres in depth. Samples of various media have been successfully analyzed such as soil (any horizon), drill core, rock, peat, lake-bottom sediments and even snow. The SGH analysis incorporates a very weak leach, essentially aqueous, that only extracts the surficial bound hydrocarbon compounds and those compounds in interstitial spaces around the sample particles. These are the hydrocarbons that have been mobilized from the target depth. SGH is unique and should not be confused with other hydrocarbon tests or traditional analyses that measure C1 (Methane) to C5 (Pentane) or other gases. SGH is also different from soil hydrocarbon tests that thermally extracts or desorbs all of the hydrocarbons from the whole soil sample. This test is less specific as it does not separate the hydrocarbons and thus does not identify or measure the responses as precisely. These tests also do not use a forensic approach to identification. The hydrocarbons in the SGH extract are separated by high resolution capillary column gas chromatography to isolate, confirm, and measure the presence of only the individual hydrocarbons that have been found to be of interest from initial research and development and from performance testing in two Canadian Mining Industry Research Organization (CAMIRO) projects (97E04 and 01E02)."

In layman's terms, a hand sized near surface soil sample is collected from a regular grid pattern. Actlabs processes these samples and detects signature pathfinders specified as low, moderate or heavy molecular weight. As expressed in the report from Actlabs, the high molecular weight pathfinders indicate a shallow gold source and the low molecular weight pathfinders indicate a deep seated gold source. Medium molecular weight pathfinders are outlined by what is referred to as the redox cell indicative of a general concentration of gold in soil. These various classes of anomalies are shown, (Figure 22. SGH Low Molecular Weight Target), (Figure 23. SGH Mod High Molecular Weight Target), and (Figure 24. SGH Organo-Sulphur Class Target). These 3 Figures are extracts from Actlabs report which is included in Appendix 2 of this report.

The soil survey samples were collected by the Author and an assistant over 7 days in June 2012. These samples were submitted to SGS Laboratory in Red Lake for prep and fire assay for Au by SGS Laboratory in Don Mills, Ontario. A 1.5 meter long auger was used to collect samples as deep as possible in the "B" soil horizon. Depth varied depending upon rock and boulder content but was generally between 30-50 centimeters below surface. Samples were packaged in paper soil sampling pouches and grouped by lines into plastic sample bags and submitted to SGS Laboratory in Red Lake. Plotting of the PPB Au results is shown, (Figure 25. Contour of Au PPB in soil "B" horizon), and

(Figure 26. 3D contour of Au PPB in soil "B" horizon). The large 191 PPB (parts per billion) Au peak in the north east corner of the project area is considered by the Author to be anomalous, probably attributed to the gold showing indicated off property to the north.

The interpretation of the SGH and soil surveys combined were utilized in the targeting of the 2012 drill program, (Figure 31. 2012 Drilling with SGH & Soil Anomalies over Atkinson's Geology).



Figure 21. SGH & Soil Sampling Grid



Figure 22. SGH Low Molecular Weight Target



Figure 23. SGH Mod High Molecular Weight Target



Figure 24. SGH Organo-Sulphur Class Target



Figure 25. Contour of Au PPB in Soil 'B' Horizon



Figure 26. 3D Contour of Au PPB in Soil 'B' Horizon

13.0 Drilling

13.1 2010 Drilling

In Sept 2010 a 661 meter diamond drilling program was completed focusing on the area of historical trenching from the 1930's on a N20W striking auriferous quartz vein in the eastern portion of Patent claim # KRL 11419. This was undertaken as follow up to surface channel sampling results attained in the previous month and detailed in this report. A series of 9 BTW diamond drill holes (MK-10-01 to MK-10-06 & MK-10- 08 to MK-10-10) dipping between -45 to -70 degrees were completed by Distinctive Drilling of Dryden, with layouts being planned and adjusted during the program to attempt to attain the maximum amount of spatial and economic information pertaining to the main quartz vein in the "A" zone. Positioning was achieved using a combination of handheld GPS as previously described, a Brunton transit compass and a 30m fibreglass tape, (Figure 27.Major Geologic Contacts, Channel Samples & 2010 Drill Traces).

A single hole (MK-10-07) was drilled at -45 degrees to intersect the narrow "B" zone at depth and seemingly intersected the shear zone seen just south of the quartz vein at surface. This hole was stopped in a wide porphyritic dyke which should be penetrated on the next attempt to intersect the "B" zone vein at depth.

The quartz vein was intersected in all "A" zone holes with a brecciated vein intersected in the southern most hole (MK-10-04) and 2 holes in the central portion (MK-10-05 & MK-10-06) intersected a second significant vein 10 meters east of the main vein in plan. Holes 1, 5 & 8 displayed the best mineralization with centimeter scale clusters of disseminated pyrite and chalcopyrite noted, mostly proximal to the footwall contact.

Best results of the program were from MK-10-01 with 6.2 g/t Au over 88 centimeters, MK-10-08 with 41.5 g/t Au over 76 centimeters and MK-10-09 with 4.4 g/t Au over 80 centimeters, all widths are uncorrected intercepts.

Core recovery was excellent in all holes and rock quality designation (RQD) was measured. A total of 260 samples mostly between 30-100 centimeters were cut and assayed sampling 174 meters of 661 meters drilled. Sampled portions of each borehole included any quartz veins with hanging and footwall sample cuts as well as various portions of the altered mylonitic granite and both variations of mafic dyke intersected.

All samples were cut under direct supervision of the Author and submitted for assay with appropriate standards, blanks and ¼ duplicates alternately inserted every 10 samples. Samples were submitted to SGS Laboratory in Red Lake for assay by FAA313 to be followed up with FAG303 for any samples over 1g/t Au. Assay results are included in the drill logs and the assay certificates are included in Appendix 3 of this report. Repeat assays of the coarse reject portion of the quartz vein samples were tested by metallic sieve analysis to define any nugget effect. All drilling was completed under the supervision of the Author and the site was cleared without any reportable incidents. All boreholes were picketed and capped with a 0.75 meter casing. The site was posted with warning signs at both the northerly and southerly access points and orange snow fence was installed across the open high point of ground south of the "B" zone.



Figure 27. Major Geologic Contacts, Channel Samples & 2010 Drill Traces

13.2 2011 Drilling

In February 2011 a 1303 meter NQ2 diamond drilling program was completed by Top Rank Drilling of St. Lac de Rose, Manitoba, focusing on defining the plunge and extent of mineralization in the "A" and "B" zones on Bishop's Break as well as testing the Perfect Storm target and extension of Bishop's Break beyond the MacAndrew's trend, on the western portion of Patent claim # KRL11419. This was undertaken as follow up to surface channel sampling results attained in August 2010 and a series of 10 BTW diamond drill holes totalling 660 meters in September 2010.

Positioning was achieved using a combination of handheld GPS Magellan Explorist 500, a Brunton transit compass and a 30 meter fibreglass tape for measuring reference in relation to the cut grid pickets. Core recovery was excellent in all holes and RQD was measured.

A total of 532 samples mostly between 30-100 centimeters were cut and assayed sampling 377 meters of 1303 meters drilled representing a sampling ratio of 29%. Sampled portions of each borehole included any quartz veins with hanging and footwall cuts as well as various portions of the altered mylonitic granite and both variations of mafic dyke intersected.

All samples were cut under the direct supervision of the Author and submitted for assay with appropriate standards, blanks and ¼ duplicates alternately inserted every 10 samples. Samples were submitted to SGS Laboratory in Red Lake for assay by FAA313 to be followed up with FAG303 for any samples over 10g/t Au. Assay results are included in the drill logs and the assay certificates are included in Appendix 3 of this report. Repeat assays of the coarse reject portion of the higher grade quartz vein samples have been run by metallic sieve analysis (FAS31K) to define any nugget effect.

Drilling was completed between February 7th and 28th and there were no Ministry of Labour reportable incidents or Ministry of Environment reportable spills or disturbance to the environs. Mobilization and "demobe" was by means of an ice road constructed and maintained by Draco (1985) Ltd. Hay bales and sumps were utilized at all drill sites to contain silt and drill cuttings. All drilling was completed under the supervision of the Author and the site has been cleared and inspected. All boreholes were picketed and capped with a 0.75 meter casing. The site has been posted with warning signs at both the northerly and southerly access points.

Results from 10 holes totalling 890 meters of drilling on the "A" zone have proven auriferous quartz 175 meters below surface and defined the plunge of the mineralization to over 70 meters below surface, (Figure 29. SW-NE Section Best Results Drill Holes 2010/2011) and (Figure 33. Long Section with 2010-2012 intersects contoured). The best results of this program were 60 g/t Au over 69 centimeters corrected full vein width. The mineralized zone appears to plunge at 80-85 degrees north west and narrows from 25 meters at surface to 15 meters at 70 meters below surface.

A tight fan pattern of 11 holes totalling 122 meters were drilled from 2-3 meters west of the "B" zone to establish deposit geometry, an indication as to grade and a potential blast pattern for small 150 to 200 tonne bulk sample since the exposure is located on a glacially semi-rounded scarp face conducive to excavation. Results from over 10 meters of vein intersections ranged from 0.8-14.8 g/t Au. The weighted average of these intersects is 6.13 g/t Au over 94 centimeters. A deeper hole on

this zone was attempted from 10 meters further west and only 25 centimeters of quartz was intersected assaying 0.2 g/t Au.

A total of 256 meters was drilled in 3 holes on the perfect storm target. South west plunging holes MK-11-14 & MK-11-15 intersected quartz with assays from 0.5-3.4 g/t Au over 50 centimeters. Westerly hole MK-11-16 intersected 'Bishops Break' quartz but with only trace values Au assayed, (Figure 30. Perfect Storm Target).



Figure 28 . Major Geologic Contacts & 2010-11 Drill Traces



Figure 29. SW-NE Section Best Results Drill Holes 2010-2011



Figure 30. Perfect Storm Target

13.3 2012 Drilling

In August 2012 the Author commenced a NQ2 drilling project targeting a deep intersect of the Bishops Break vein beneath the cluster of SGS anomalies, the soil anomaly, and down plunge of the auriferous zone previously defined in the 2010-2011 drilling, (Figure 31. 2012 Drilling with SGH & Soil Anomalies over Atkinson's Geology). Borehole logs and assay results are included in the Appendices of this report.

Drilling was completed by Orbit Garant Ontario Ltd., of Wahnapitae, Ontario. Access and support was provided by barge under contract from Draco (1985) Ltd. of Red Lake, Ontario. There were no reportable incidents and the site was inspected by the Author after drilling was completed and appeared in good order. Casings were capped and their positions picketed.

Hole MK-12-36 intersected a chloritic quartz vein system similar to "Bishops Break" from 315-335 meters which was cut by later diorite and diabase dykes. Although only trace amounts of gold were detected the structure intersected bears prospective potential. The anticipated "Bishops Break" vein was intersected between 1103-1106 meters. The presence of pyrite and chalcopyrite was not augmented by any gold values at this intersect. The evidence of multiple phases of diorite encountered in this hole and the high frequency of transitions indicates an active structural realm. This is anticipated being on the edges of the Dome and McKenzie stocks which makes the area highly prospective for structural traps.

Two additional holes were targeted on the down plunge extension of the auriferous zone from the 2010-2011 drilling. MK12-37 and MK-12-38 intersected "Bishops Break" 10 meters down dip and 8 meters to the east of holes MK-10-08 and MK11-34 respectively, significantly expanding the >1500g/t x cm zone, (Figure 33. Long Section with 2010-2012 intersects contoured). **MK12-37 intersected 17 g/t Au over 150 centimeters including 25 g/t Au over 100 centimeters and 43 g/t Au over 35 centimeters. MK-12-38 intersected 28 g/t Au over 125 centimeters including 53 g/t Au over 65 centimeters.** True widths are approximately 87% of measured and reported. A geologic section with a compilation of these recent drill holes along with the best result drill holes of previous campaigns is shown, (Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011).

Plotting of the gold values from MK-12-37, 17/130 (17 g/t Au over 130 centimeters true width), and MK-12-38, 28/108 (28 g/t Au over 108 centimeters true width), (Figure 33. Long Section with 2010-2012 Intersects Contoured), has significantly increased the red high grade envelope representing the >1500 g/t x cm zone. Further exploration down plunge is still warranted to define the rake of auriferous mineralization further.

All core was logged and sampled by the author and samples submitted to SGS Laboratory in Red Lake were assayed by FAA, FAG for Au >10 g/t, and metallic sieve analysis for all ore cuts. After noting increased assay values returned from metallic sieve analysis versus fire assay the Author selectively resubmitted samples from the previous drilling programs mineralized intersects. These results are included in the drill logs and assay certificates in the appendices of this report.



Figure 31. 2012 Drilling with SGH & Soil Anomalies over Atkinson's Geology



Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011



Figure33. Long Section with 2010-2012 Intersects Contoured

14.0 Sampling Method and Approach

All sampling detailed in this report has been completed by and of under the direct supervision of the Author, Scott Franko, B.Sc., P.Geo. who is designated as QP on this project by NI 43-101 definitions.

For the purpose of clarity the Author will refer to sample cuts as either ore or waste. This is not intended to infer any degree of economic viability of any specific sample but merely as a generalized relative classification. Channel and drill core samples were collected perpendicular to strike with care taken to include 1 centimeter of waste on the outside of the quartz vein contacts or any potentially economic zone. Where the vein width was less than 30 centimeters, one continuous sample was taken unless there was indication of a higher grade section that should be defined. Waste cuts of 20- 30 centimeters were sampled on either side of any ore cuts. Channel samples were cut with a diamond saw and hand chiselled with an average width of 3 centimeters and a depth of 4-6 centimeters.

Core recovery on all three drill programs was excellent at over 95% and the Author consistently refits all core pieces prior to splitting and sampling. Bedding and contacts angles was measured in core samples in order to correct to true width.

It is typical in the Red Lake area to experience what is referred to as the "Nugget Effect" whereby the traditional 30 gram or 50 gram fire assay procedures become less effective in determining true grade. This was noted by the Author and subsequently most of the ore cuts sampled by fire assay methods have now also been tested by metallic sieve analysis. These alternate results are listed in a column on the drill logs and have been weighted into any composite grade calculations. Of note, a metallic sieve assay does not always "sweeten the pot", so to speak, and frequently will give a lower result than expected when repeating a relatively higher grade fire assay result.

channel	metres	g/t Au
CC-05	0.40	3.18
CC-06	0.55	8.40
CC-07	0.60	31.37
CC-08	0.75	21.85
CC-09	0.55	15.09
CC-10	0.50	5.70
CC-11	0.32	4.61
CC-12	0.35	18.87
CC-13	0.45	16.46
CC-15	0.80	1.79
CC-16	0.40	1.34
CC-23	0.50	122.42
CC-24	1.25	12.04

Table 6. Primary channel sampling results

The channel sample survey of 179 samples of between 30-100 centimeters were taken from 44 channel cuts along 208 meters of strike for a total sample length of 92 meters and returned between 122 g/t Au over 0.5 meters and 0.01 g/t Au over 0.65 meters. (Table 6. Primary channel sampling results), released by Crown Gold Corporation, September 16, 2010, details the best results of the preliminary channel sampling program. These results were considered in the targeting of the primary drill phase. These are surface channel cut samples with no correction made for true width.

A total of 1238 core samples were submitted for assay mostly being between 30-100 centimeters in length representing 855 meters of 3444 meters drilled in a total of 38 drill holes giving a sampling ratio of 25%. Drill results considered as significant for the 3 drilling programs are displayed, (Table 7. Significant drill results).

ZONE	Hole No	From (m)	To (m)	Intersected Width (m)	Corrected Width (m)	Au g/t
Α	MK-10-01	26.00	32.00	6.00	4.05	1.12
	incl.	28.62	30.23	1.61	1.09	3.44
-	incl.	29.40	29.88	0.48	0.32	10.73
Α	MK-10-02	21.28	21.78	0.50	0.45	1.37
Α	MK-10-06	73.92	74.65	0.73	0.37	1.06
Α	MK-10-08	52.44	58.60	6.16	4.36	5.53
-	incl.	53.94	58.60	4.66	330	7.28
-	incl.	53.94	55.00	1.06	0.81	29.75
	incl.	54.54	55.00	0.46	0.35	65.38
А	MK-10-09	70.45	71.60	1.15	0.66	3.06
Perfect Storm	MK-11-14	47	47.5	0.50	0.49	3.4
В	MK-11-17	2.20	4.10	1.90	1.09	7.8
В	MK-11-18	2.50	5.50	3.00	2.30	2.2
	incl.	5.00	5.50	0.50	0.38	9.5
В	MK-11-20	4.00	6.50	2.50	0.85	14.8
	incl.	4.00	5.00	1.00	0.34	35.7
	incl.	4.00	4.50	0.50	0.14	64.9
В	MK-11-22	2.10	2.90	0.80	0.40	3.7
В	MK-11-23	6.40	7.25	0.85	0.36	17.7
	incl.	6.40	6.80	0.40	0.17	27.2
В	MK-11-26	5.40	6.00	0.60	0.30	6.6
В	MK-11-27	2.00	2.55	0.55	0.32	3.5
А	MK-11-29	43.85	44.70	0.85	0.70	8.8
	incl.	44.30	44.70	0.40	0.33	18.8
Α	MK-11-30	51.27	52.27	1.00	0.77	12.2
	incl.	51.60	52.27	0.67	0.51	18.2
А	MK-11-33	57.50	59.00	1.50	1.15	7.1
	incl.	58.00	58.50	0.50	0.38	20.8
А	MK-11-34	67.93	68.83	0.90	0.69	60.3
	incl.	68.23	68.83	0.60	0.46	90.4
	incl.	68.23	68.53	0.30	0.23	174.3
А	MK-12-37	79.00	80.50	150	130	16.8
	incl.	79.65	80.00	100	87	24.8
	incl.	79.65	80.00	35	30	43.4
A	MK-12-38	84.35	85.60	125	108	28
	incl.	84.95	85.60	65	56	53

Table 7. Jiginneant ann regard

15.0 Sample Preparation, Analyses and Security

All channel samples were individually chiselled and bagged under the direct supervision of the Author as QP. Alternating gold standards, silica blanks and lab coarse split duplicate requests were inserted on site at 10 sample intervals. All samples were delivered by the author to SGS Laboratory in Red Lake for assay by FAA313, fire assay atomic absorption, and IMS12B, 32 element by 2 acid digest. Assay results over 1 g/t Au were subsequently assayed by FAG303, fire assay gravimetric, and selected results over 10 g/t Au were assayed by screen metallic's to define any nugget effect.

All drilling was completed under the supervision of the Author as project QP. Core was collected on site by the Author or his appointed technicians. Core was fit end to end while logging by the Author and RQD and core recovery was measured and recorded by a technician. All core samples were cut, bagged and tagged under the direct supervision of the Author at Crown Gold Corporations core shed in Red Lake. The diamond saw blade was cleaned regularly between cuts with a cinder brick to avoid cross contamination of samples. Core samples were halved by diamond saw and approximately one out of forty samples was quartered and submitted as a duplicate sample. All rock samples collected on this project for assay were submitted by the Author to SGS Laboratory in Red Lake whom were and are certified to report on all tests performed meeting the requirements of ISO/IEC Standard 17025 guidelines and certified by Standards Council of Canada as Laboratory Number 598. The Author submitted the samples with control samples and blanks inserted in a rotational sequence. SGS Laboratory performs its own internal quality control and quality assurance measures and reports these results with assay certificates.

The majority of assay standards, blanks and duplicate control samples submitted returned result that were acceptable to the Author as a measure of quality assurance. All core has been stored at Crowns storage area at Esker Logging in Red Lake. The coarse rejects and pulps from assay samples returned by SGS Laboratory have also been palletized and stored at Esker logging. It is the Authors opinion that adequate measures have been employed to assure quality and control of the sampling and assay procedures, sample security and analytical procedures.

16.0 Data Verification

All batches of samples submitted for assay included the insertion of silica blanks provided by Accurassay of Thunder Bay, Ontario, gold standards alternating between a high and low grade version utilizing the OREAS suite of gold standards provided by Analytical Solutions Ltd. of Toronto. The Author has verified the anticipated standard results in relation to actual results and is satisfied as to the overall reliance of the data included in this report. The remaining core as well as coarse rejects and pulps from the program are stored at Esker Logging in Red Lake should additional verification be required.

17.0 Adjacent Properties

The claims immediately adjacent to the project area to the west north and east are currently held by SKYHARBOUR RESOURCES LTD. (20.00%) and CYPRESS DEVELOPMENT CORP. (80.00%). There has been fairly extensive exploration undertaken on these claims and there are two listed MDI's being to the north and west of the project area. The claim immediately south of the project area is currently held by Perry English and no work has been assessed for this claim. It is presumed as discussed in this report that the "Bishop's Break" system extends across this claim and outcrops on Kings Island however there is no confirmed evidence to that effect.

18.0 Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing studies have been completed in respect of the property.

19.0 Mineral Resource and Mineral Reserve Estimates

No mineral resource or mineral reserve estimates have been calculated in respect to the property.

20.0 Other Relevant Data and Information

To the best knowledge of the Author there is no additional relevant data or information that is required to clarify this report.

21.0 Interpretation and Conclusions

The main focus of exploration on this property has been in prospecting while defining the auriferous zones of the Bishops Break chloritic quartz vein system. This last year's focus has been on finding a deep seated higher grade zone based on structural interpretation from mapping and drilling as well as the previous fall's SGS survey and summer soil survey. Although the deep intersection target of the fall drilling proved to be somewhat barren, the discovery of the parallel vein system that extends across 20 meters width bears prospective value.

The last two holes of the program returned two of the four best results of all three years of drilling and extended the higher grade zone down plunge by 10m and south eastward along strike 8m. However, targeting the auriferous "needle in a narrow haystack" shape of the mineralized zone can make for high risk hit and miss drilling while tracing value down dip, (Figure 33. Long Section with 2010-2012 intersects contoured).

The 1100 meter deep hole targeting the interpreted down dip extension of this zone beneath the surface SGH and soil anomalies would seem overly optimistic were it not planned with the anticipation of intersecting a wider zone of mineralization than expressed at surface. The discovery of a similar vein system at 315 meters may portend an even deeper seated conjuncture of these two veins.

The Bishops Break vein though narrow and not currently economic, is accessible at surface, moderately well defined over the top 100 meters, and structurally proven beyond 1000 meters below surface.

The primary objective of the project to locate a currently economic resource of gold on the property has not yet been realized, however the ground work completed to date has fulfilled the work commitment conditions of the option agreement between Crown Gold Corporation and Timore Resources.

Though the sporadic nature of the mineralization encountered makes interpretation and prospecting problematic it is also encouraging to find such high values on any property within a world class gold camp such as Red Lake.

In the Authors opinion this property remains highly prospective in respect of the following;

- **1.** The perimeter of the Dome Stock which cuts through the property is a proven "mine maker", (Figure 13. Gold Deposits in the Red Lake Area).
- 2. The Bishop's Break vein has proven to have auriferous zones with two higher grade zones primarily defined, (Figure 33. Long Section with 2010-2012 Intersects Contoured).
- 3. The Bishops Break structure has been proven to extend beyond 1000 meters below surface, (Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011).
- 4. A parallel system has been discovered 300 meters east of Bishops Break, (Figure 32. SW NE Section with 2012 Drilling and Best Holes of 2010 & 2011).
- 5. Minimal stripping has been completed north westwards along Bishop's Break geophysical trace, (Figure 18. Project Area Stripping and Road Works).
- 6. No stripping has been undertaken on the newly discovered parallel system.
- 7. The majority of drilling on the property to date has been relatively shallow in the 50-100 meter range, excepting MK-12-36. This is exceptionally shallow in the regional exploration perspective, ie. the Broulan Reef Project to the east of the project area where drill targets exceed 2000 meters depth.

22.0 Recommendations

Further exploration to define pockets of higher grade mineralization both down dip and along strike would be warranted based on the close proximity of numerous high grade gold deposits. The parallel quartz chlorite vein system intersected at 315m in drill hole MK-12-36 should be projected to sub-crop and a striping program planned. Further stripping to the northwest and southeast along the Bishops Break exposure is warranted to facilitate continuation of mapping and channel sampling prior to additional prospective drilling. Refer to Figure 34. Recommended Trenching Areas. Drilling should be planned based on the results of the stripping phase. Should the claims immediately north and south of the property on strike of Bishop's Break open up for staking the Author would recommend staking these areas as well as any adjoining claims to the east or west, as previously noted these claims would also fall on the perimeter contact zone of the Dome Stock and hence be highly prospective.

The following two phases of continued exploration work are recommended at an estimated cost of \$262,550;

Recommended Phases of Work & Costs

Stripping program phase 1 (summer program)

Exploration permitting	\$	1000
Barge backhoe	\$	5000
 80 hrs @ \$120/hr backhoe man & machine 	\$	9600
 Project Geo \$500/day x 18 days 	\$	9000
 Geotechs 2 @ \$200/day x 10 days 	\$	4000
• Assays 200 @ \$21	\$	4200
Transport	\$	2500
 Accommodation & Meals 	\$	4000
Tools & supplies	\$	500
Report	\$	2500
Contingency 10%	<u>\$</u>	4000
τοτ/	AL \$	46,300
 Ice road construction & maintenance Drilling 1000m NQ2 @ \$150/m all in Project Geo \$500/day x 21 days Geo tech @ \$200/day x 21 days Assays 300 @ \$21 Transport Accommodation & Meals Tools & supplies 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12000 150000 10500 4200 6300 3000 4000 500
Core shed rental	, \$	750
Report	\$	5000
Contingency 10%	<u>\$</u>	20000
TOTA	AL \$	216,250



Figure 34. Recommended Trenching Areas

23.0 References

Atkinson, B.T. 1993. Precambrian geology, Dome Township; Ontario Geological Survey, Open File Map 213, scale 1:12,000.

http://www.geologyontario.mndmf.gov.on.ca/mndmfiles/pub/data/imaging/OFM0231/OFM0231.pdf

Atkinson, B. T., 1994, Precambrian Geology of Dome Township; Open File Report 5878, Ontario Geological Survey

http://www.geologyontario.mndmf.gov.on.ca/mndmfiles/pub/data/imaging/OFR5878/OFR5878.pdf

Boniwell, J.B., V.L.F. Survey Results McKenzie Island Claims Group Dome, Farlie Twps., Red Lake, Ontario for Goldfields Mining Corp. September 16, 1981 http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52N04SW0049

Burton, F.R., Memorandum on MacAndrew Red Lake Gold Mines, Ltd., Red Lake, Ontario June 21, 1936, Copied from Resident Geologist, Division of Mines, Red Lake, Ontario, MNDM office.

Busch, D.J., B.Sc.(hons.),P.Geo., Exploration Results Summer 2001 McKenzie Island Project Red Lake Area, Ontario, for Skyharbour Developments Ltd. Nov. 28, 2002 <u>http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/52N04SW2054//52N04SW205</u> <u>4.Pdf</u>

Cameron, D.M., Report on Magnetometer Survey McKenzie Island Property Dome and Farlie Townships Red Lake Mining Division Ontario, Gold Fields Resources Canada Ltd. July 1981 <u>http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/52N04SW0052//52N04SW005</u> <u>2.pdf</u>

Cargill, G.D., PH.D., P.ENG. Technical Report on McKenzie Island Project, Red Lake, Ontario, Prepared for Crown Minerals Inc. Report for NI43-101, May 30, 2010 http://www.sedar.com/CheckCode.do;jsessionid=0000onpMSswELvlcGjycrz86fr8:17lkkk26t

Chute, M.E., Geological Report on The McKenzie Island Claim Group McKenzie Island, Dome and Fairlie Townships Ontario NTS 52N/4 for GOLD FIELDS CANADIAN MINING LIMITED January, 1982 <u>http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/52N04SW0045//52N04SW0045</u> <u>5.Pdf</u>

Jogodits, F. VLF-EM Interpretation, Internal company document, Crown Gold Corp. 2010.

Lichtblau, A.F., Ravnaas, C., Storey, C.C., Lockwood, H.C., Bongfeldt, J. and McDonald, S. 2010. Report of Activities 2009, Resident Geologist Program, Red Lake Regional Resident Geologist Report: Red Lake and Kenora Districts; Ontario Geological Survey, Open File Report 6244, 77p. http://www.geologyontario.mndmf.gov.on.ca/mndmfiles/pub/data/imaging/ofr6244/OFR6244.pdf

Lichtblau, A.F., Ravnaas, C., Storey, C.C., Bongfeldt, J., McDonald, S., Lockwood, H.C., Bennett, N.A. and Jeffries, T. 2011. Report of Activities 2010, Resident Geologist Program, Red Lake Regional Resident Geologist Report: Red Lake and Kenora Districts; Ontario Geological Survey, Open File Report 6261, 93p. http://www.geologyontario.mndmf.gov.on.ca/mndmfiles/pub/data/imaging/ofr6261/OFR6261.pdf Lichtblau, A.F., Ravnaas, C., Storey, C.C., Debicki, R.L., Lockwood, H.C., Tuomi, R.D., Zurevinski, S.E., Moses, P. and Bongfeldt, J. 2013. Report of Activities 2012, Resident Geologist Program, Red Lake Regional Resident Geologist Report: Red Lake and Kenora Districts; Ontario Geological Survey, Open File Report 6283, 132p. http://www.geologyontario.mndmf.gov.on.ca/mndmfiles/pub/data/imaging/OFR6283//OFR6283.pdf

Pryslac, A.P., Chantigny, P. Report on Geological Mapping Claim 1234145 Dome Township Red Lake Mining Division, Ontario NTS 52 *N*/4 for Goldcorp Inc., July 2,2008

http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/2000003049//20004688.pdf Rusk, S. X., B.Sc., Geological Report and Maps 1986-87 Work Programme, McKenzie Island Property, Pure Gold Resources Ltd., November 15, 1986

http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/52N04SW9954//52N04SW995 4.Pdf

Sanborne-Barrie, M., Skulski, T., and Parker, J., 2004 : Geology, Red Lake greenstone belt, western Superior Province, Ontario; Geological Survey of Canada, Open File 4594, scale 1:50,000. http://geoscan.nrcan.gc.ca/starweb/geoscan/servlet.starweb?path=geoscan/downloade.web&search1=R= 215464

Sequin, J.M., H.B.Sc. Geology, Geological Report for the McKenzie Island/Slate Bay Properties, Dome Farlie Townships, Red Lake Mining Division, District of Kenora, Patricia Division, July 1988 http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/20000006235//20008884.Pdf

Seyler. R.P., Report on Geology and Mapping McKenzie Island Property Dome Township Red Lake Mining Division, Ontario, NTS 52 N/4 Goldcorp Inc July 02, 2002 <u>http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/52N04SW2036//52N04SW203</u> <u>6.Pdf</u>

Shaw, J.W., B.Sc., Report on the MacAndrew Red Lake Gold Mines Ltd. 1934 http://www.geologyontario.mndmf.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52N04SW0079

Smith, P.A., DIGHEMIII Survey of the McKenzie Island Property Red Lake Ontario N.T.S. 52 N/4 for Noramco Explorations Inc., December 16 1966

http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/imaging/52N04SW0492//52N04SW049 2.pdf

Stott, G. M. and Corfu, F., 1991, Uchi Sub-province, in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Pt. 1, pp. 145-236, ed. Thurston, P. C., et al. http://www.geologyontario.mndmf.gov.on.ca/mndmfiles/pub/data/imaging/SV04-01/sv04-01.pdf

Sutherland, D., SGH – SOIL GAS HYDROCARBON Predictive Geochemistry for CROWN GOLD CORPORATION "MCKENZIE ISLAND SURVEY", by Activation Laboratories, Dec 7, 2011. Internal Crown Gold Corp report.

24.0 Date and Signature Page

24.1 Signature and Seal

This technical report titled, TECHNICAL REPORT ON THE MCKENZIE ISLAND PROJECT, RED LAKE, ONTARIO PREPARED FOR CROWN GOLD CORPORATION REPORT FOR NI 43-101, has been completed by the author below and dated, sealed and signed as of the effective date of the report.

EFFECTIVE DATE December 30th 2013

ROFES J.S.S. FRANKO PRACTISING MEMBER 1780 Scott Franko, B.Sc., P.Geo. (Ontario

Signed December 30th 2013
24.2 Certificate of Qualifications

CERTIFICATE OF QUALIFICATIONS of Scott Franko, B.Sc., P.Geo.

I, Scott Franko, B.Sc., P.Geo. (Ontario-APGO #1780), designated Qualified Person, currently reside at 374 Walkers Line, Burlington, Ontario, L7N2C7, Canada.

In 1986 I graduated from Lake Superior State University, Sault Ste Marie, Michigan, USA, with a B.Sc. in Geology. In 1981 I graduated from Sault College, Sault Ste Marie, Ontario, Canada with a Geological Engineering Technician Diploma. I am a practising member in good standing of the APGO registered as P.Geo 1780. I am also a registered member in good standing with the AEPGM as P.Geo. 33707. I am a member of the Prospectors and Developers Association of Canada.

I have practised as a Geologist since 1886, having experience in various geological environments in South Africa, Botswana, Hong Kong, Australia, Colombia and Canada. Specific experience relating to this project on McKenzie Island was gained over decades as an exploration geologist. Knowledge specific to the region was gained through experience managing Hy Lake Gold's exploration program in West Red Lake in 2008 as well as on site throughout the sampling and drilling programs between 2010 and 2012. Additional greenstone exploration experience was attained in the Shining Tree area in 2011 whilst consulting to Platinex. My geophysical interpretation experience has been attained from direct interpretation and completion of numerous geophysical surveys since 1983. I am considered as the Qualified Person for the purposes of this instrument.

The TECHNICAL REPORT ON THE MCKENZIE ISLAND PROJECT, RED LAKE, ONTARIO, PREPARED FOR CROWN GOLD CORPORATION, REPORT FOR NI 43-101, has been prepared to the best of my abilities in accordance with Form 43-101 of the National Instrument which I have read and understand. The effective date of this report is December 30th 2013. The Author is responsible for the compilation of this report in its entirety. The Author, in his opinion, is as qualified person independent of the issuer as there are no circumstances that could interfere with the qualified person's judgment regarding the preparation of the technical report. The Author has had no involvement with the property prior to the work detailed in this report.

The Author has made numerous site visits to the property being present throughout all sampling and drilling programs. The most recent trip culminated with the completion of the third drilling program in September and October 2012.

This author hereby consents to the pubic filing of the technical report and to extract from, or a summary of, the technical report in the written disclosure; and in addition hereby confirming that at the effective date of the technical report to the best of the qualified person's knowledge, information, and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Efforts in the preparation of this technical report for the aforementioned McKenzie Island Patents have been as a consultant to Crown Gold Corporation. I presently retain no interest in the company, either direct or indirect, nor do I currently own any interest or securities in the company or its affiliates. I do retain share options totaling 200,000 common shares of TSX-V:CWM at an exercisable price well above current market value which were granted without prejudice during the period of my contractual arrangements to Crown Gold Corporation.

Dated and Signed, in the City of Burlington, Ontario, this 30th Day of December 2013.

Scott Franko B.Sc., P.Geo J.S.S. FRANKO ISING MEMBER 780

December 30th 2013 Date

24.3 Consent of Qualified Person

Scott Franko B.Sc., P.Geo. 374 Walkers Line, Burlington, Ontario L7N2C7

CONSENT of QUALIFIED PERSON

I, Scott Franko, B.Sc., P.Geo., hereby consent to the public filing of the technical report titled, "TECHNICAL REPORT ON THE MCKENZIE ISLAND PROJECT, RED LAKE, ONTARIO PREPARED FOR CROWN GOLD CORPORATION REPORT FOR NI 43-101" and dated December 30th 2013, by Crown Gold Corporation with the OSC and TSX-V.

I also consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public of the Technical Report.

I also consent to any extracts from or a summary of the Technical Report in any news release, prospectus or on the web site of Crown Gold Corporation.

I certify that the report being filed by Crown Gold Corporation Ltd. fairly and accurately represents the information available and for which I am responsible.

Dated this 30th day of December 2013.

Signature of Qualified Person

SCOTT FRANKO B.Sc., P.Geo.

Print name of Qualified Person



25.0 Additional Req. for Technical Reports on Development and Production Properties

To the best of present knowledge and ability, the Author is of the opinion that all of the readily available pertinent data used in this technical report has been reviewed, summarized and presented in an appropriate manner, in the relevant sections of this report, with no intent to mislead.

APPENDICES

- 1 Borehole Logs
- 2 Soil Gas Hydrocarbon Report, Actlabs
- 3 Assay Certificates on record
- 4 Photographic Channel Sample Logs on record
- 5 Photographic Core Logs on record

APPENDIX 1 Borehole Logs

BLANKS & DUPLICATES I CUTS IN QUARTZ VEIN	COMPOSITE COMPOSITE COMPOSITE	Aug/t width Aug/t width Aug/t width Aug/t width Aug/t width Aug/t cmm)																				1.12 405	3.44 109 1 89 228						Anna Bull ACA MK 40.04	
STANDARDS, QUARTZ VEIN VALUES NOT gm)	ļ	true width (cm)																						32						l
andesite) (60	COMPOSIT	Au g/t																						10.73						l
TEMP 14.6 11 Ag (meta-:	FAG303	Au g/t																						10.73						l
MAG 5540 2550 u; 8.76 ppm (metavoloc	FAA313	Au g/t		0.18	0.02	0.02	<0.01	0.02	0.01	0.06	0.07	0.05	0.01	0.04	0.09	0.01 <0.01	0.01	0.02	0.07	0.17	0.13	<0.01	0.72	>10	0.28	00.0		0.04		l
ROLL 170.6 254.8 = 8.79 g/t Au	Interval	(cm)		100.00	112.00	88.00	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	112.00	88.00	100.00	62.00	38.00	40.00	48.00	35.00	00.00	00.001	100.00		l
Refiex DIP -47.00 -47.00 DREAS 62C	2	(m)		8.00	9.12	10.00	11.00	12.00	0.00	14.00	15.00	17.00	18.00	20.00	21.00	22.00	23.00	25.12	26.00	27.00	28.62	29.00	29.40	29.88	31.15	00.00	00.20	33.00		l
TEST - AZIMUTH 210.50 5.9??? (MAG LOWI) STANDARD C	From	(m)		7.00	8.00	9.12	10.00	12.00	0.00	13.00	15.00	16.00	17.00	19.00	20.00	21.00	22.00	24.00	25.12	26.00 27.00	28.00	28.62	29.00	29.40	30.23	24.45	01.10	32.00	Ţ	
00WNHOLE DEPTH 12m 63m	Sample			280074	280075	280076	280077	280078	280080	280081	280083	280084	280085	280087	280088	280090	280091	280093	280094	280095 280096	280097	280098	280099 280100	280101	280102	20101	101007	280105		- afe
CROWN GOLD CORP - GEOLOGIC DRILL LOG	Description		Glacial Till - Mixed clay, sand, gravel, rocks , cobbles and boulders of mainly granitic composition.	promo physic oblice with an applicitic botture, inclusion E2.52 Wine subhedral pyrine crystals highly silicited with hardness of 7.8, Mino haltine fractures are infilled with chlorite and calcite. Bottom contact faulted with slickensides at 90 deg. to contact which is at 90 deg TCA.	Desk some som som som stårte desk at desk at Deser som	The area of the second with a propriving exerting or dark 1-virtual manusularigues that in a green gray aphantic groundmass. Top 25cm chilled with fine pale and dark for the second second and dark proprismed price of the distribution of the second price of the second second second and the second		•	BLANK - SILICA							DUPLICATE OF 280089			Composition group colour with a machined texture breactaned in agreements. Highly silicities with a hardness of 7.4. Top 2.0 of unit has a high cone. of fine black specks, probably bloths, and some 2-5om scale irregular dark blotches. Fine infine fractures are infiled with chlorite. 1-2% fine diseminihated pyrite throughout.			The milly while quark value with choice banding and hemits stained fractures near top contact which is at 40 deg TCA, and minor pythe noted. Lower the has frequent chlorite bands with the bottom contact at 45 deg TCA brecciated the with quark infilling. Fine disemminated pyrite noted in the chlorite breccia.	STANDADD - ODEAS 830		As above quartz vein, grey with a pink orange tinge, marbled texture, highly	Pliktgrey colour medium grained with cm-dm scale sub rounded to rounded	maric xenolitms. Journamass 50-65% pink microcline, 15-40% black blotte, 10- 15% quartz. E.O.H.	E. O. Sampling		
h: 63 h: 210 p: 5. Franl v: S. Franl o: Distinct	Rock	Code																												l
d Leng Azimut D Logged F Dates Logge Drilling C	Rock	Type	Ē	Granodiorite	Disting Adda	Diorite Dyke													Sheared Granodiorite			QUARTZ VEIN			Sheared	Granodiorite Hybrid	Granodiorite			
tcKenzie Islan 7-Sep-10 7-Sep-10 7-Sep-10 7-Sep-10 556113N 39239E 71m AMSL TW	2	(m)	6.62	9.12	0 40	21.62													28.65			30.20			31.12	63.16		EOH	01001111	
Project: h Hole#: N Start Date: 1 End Date: 1 Northing: 5, Easting: 4, ELEV 3 Core Size: B	From	(m)	0.00	6.62	040	N													25.15			28.65			30.20	31.12			3	20

[76]

				esite) (60 gm) t)		COMPOSITE COMPOSITE COMPOSITE	g/t width g/t width g/t width															1.37 45										
	Trun	1 EMP	4.11	g (meta-and genic/basa	AG303	Au	g/t																									
		MAG	7900	8.76 ppm Aş ietavolcano	-AA313 F	Au	g/t		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	0.18	0.27	0.12	<0.01	000	<0.01	1.37	100	0.07	0.07	0.14	0.12	0.07	0.05	0.05	0.03	2.03
	100	RULL	113.0	8.79 g/t Au; .00 a/t Au (m		nterval	(cm)		110	125	150	150	150	150	148	80	00	02	75	76	75	50	5	20	67	70	53	32	88	62	100	0
	Reflex	10	40.0	REAS 62C = REAS H3 = 2			(m)		7.25	8.50	10.00	11.50	13.00	14.50	17.48	18.28	10.00	19.78	20.53	04 20	21.28	21.78	00.00	22.28	22.95	23.65	24.18	24.50	25.38	26.00	27.00	0.00
	EST - F	AZIMUTH	1.662	TANDARD OF		1 mo.	(m)		6.15	7.25	8.50	10.00	11.50	13.00	16.00	17.48	10 20	19.08	19.78	20.62	20.53	21.28	04 40	21.78	22.28	22.95	23.65	24.18	24.50	25.38	26.00	0.00
	OWNHOLE T	DEPIH	me2	ີດ ດ		ample Fr			280106	280107	280108	280109	280111	280112	280113	280115	200116	280117	280118	200110	280120	280121	001000	280122	280123	280124	280125	280126	280127	280128	280129	280130 280131
CROWN GOLD CORP - GEOLOGIC DRILL LOG	<u>е</u> .		L C	tive Drilling		Description		Glacial Till - Mixed clay, sand, gravel, rocks , cobbles and boulders of mainly granitic composition.	Medium grained and porphyritic over top 70cm becoming finer grained, lower contact at 60 deg TCA, slightly calcified ground mass, minor quartz and calcite veining throughout. <1% disemminated pyrite throughout. Hardness 4-5.					- 1		Pink/grey medium grained, hardness 7-8. 70% plagioclase 20% quartz 9% biotite	1% pyrite		Salmon pink/cream colour, brecciated pink feldspar with quartz infilling and	minor hairline chlorite infilled fractures. Hardness 7-8	DUPLICATE OF 280119	48cm quartz vein with chlorite banding at 65 deg TCA, <1% pyrite noted in both quartz and chlorite.	Sheared at 65 deg TCA with quartz infilling, hardness varies from 5 in mafic	portion to 7 in quart infilling.		Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions	Very fine grained, black, slightly silloffied, hardness 7.8, 5.7% disemnineted and subhearl pyrite. Top contact at 60 deg TCA, bottom contact is convuluted at 20 deg TCA	Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions	Very fined grained, black, highly silicified towards base, top contact at 55% TCA, bottom contact brecciated and irrigular, 3-5% disemminated pyrite trouchout.	Orange/pink cream colour, medium grained, granodiorite with cm-dm scale matic inclusions EOH		STANDARD OREAS H3
	h: 29	1: 233	p: S. Frank	Distinct		Rock	Code																									
pt	Length	AZIMUTI	Logged by	Dates Logged: Drilling Co Comments		Rock	Type	E	Diorite Dyke							Granodiorite			Sheared	Granodiorite		QUARTZ VEIN	Sheared Mafic	Jyke		Hybrid Sranodiorite	Mafic Dyke	Hybrid Sranodiorite	Mafic Dyke	Hybrid Sranodiorite		
:Kenzie Islar	K-10-02	-Sep-10	-Sep-10	9237E 1m W		To	ε	6.15	17.48							19.78			21.28	-		21.76	22.92	_		23.65	24.15	24.52	25.38	29.26		FOH
Project: Mc	Hole#: MI	Start Date: 18	Northing: 56	Easting: 43 ELEV 37 Core Size: BT		From	ε	0.00	6.15							17.48			19.78			21.28	21.76			22.92	23.65	24.15	24.52	25.38		

Page 1 of 1

Crown BH LOG MK-10-02

03/11/2010

		XDS, BLANKS & DUPLICATES	VEIN CUTS	40T IN QUARTZ VEIN			COMP. COMP.	Au g/t width Au g/t width (cm) (cm)										0.85 48	0.61 84				Crown BH LOG MK-10-03	
		STANDAF	QUARTZ \	VALUES N		0 gm)	E	true width (cm)											22					
						ndesite) (6 salt)	COMPOS	Au g/t											1.71					
		TEMP	18.7	20.2		Ag (meta-a iogenic/ba	FAG303	Au g/t																
		MAG	5538	5492		8.76 ppm metavolcar	FAA313	Au g/t		0.04	0.09	0.03	<0.01	<0.01	0.01	<0.01	<0.01	0.0	1.71	0.3	0.05	<0.01		
		ROLL	196.2	1.1		8.79 g/t Au 2.00 g/t Au (Interval	(cm)		100	100	90	30	80	100	100	2 0	40	35	55	20	68		
	Reflex	DIP	-68.50	-68.70		REAS 62C = REAS H3 = 2	٥	(m)		25.00	26.00	26,90	27.20	28.00	29.00	30.00	0.00	31.10	31.45	32.00	32.70	33.38		
	rest -	AZIMUTH	241.0	238.1		STANDARD O	-rom	(m)		24.00	25.00	26.00	26.90	27.20	28.00	29.00	0.00	30.70	31.10	31.45	32.00	32.70	e 1 of 2	
ŋ	DOWNHOLE	DEPTH	12m	59m			Sample F			280132	280133	280134	280135	280136	280137	280138	280140	280141	280142	280143	280144	280145	Page	
ROWN GOLD CORP - GEOLOGIC DRILL LO	E			lko		stive Drilling	Description		Glacial Till - Mixed clay, sand, gravel, rocks , cobbles and boulders of mainly granitic composition.	Dark grey with white specs, porphyritic-vesicular ver top 3,5m with +2, m pale green square feldspars and 1-2 mm rounded quartz vesicles. 9.79-10.55m internal chill zone (late stage injection) very fing grain medium grey colour at 60 deg TCA. Main body of dyke medium greenish grey colour with a moderate amount of hairline fractures infilied with calcite. Bottom contact at 50 deg TCA, hardness 5-6.							BLANK - SILICA	71 cm quartz vein with chlorite bands at 40 deg to TCA, clusters of fine dessiminated pyrite noted near bottom contact.		Very fine grained, black with numerous irregular fractures infilled with quartz, hardness 6-8.				
Ö		: 235	:-10	: S. Fran		: Distinc	Rock	Code									_							
and	Length	Azimuth	Dip	Logged by	Dates Logged	Drilling Co. Comments	Rock	Type	III	Diorite Dyke								QUARTZ VEIN		Sheared Mafic Dyke				
AcKenzie Isla	AK-10-03	8-Sep-10	9-Sep-10	656115N	139237E	371m 3TW	To	(m)	5.52	30.72		_		_	_			31.43		33.36			0	
Project: N	Hole#: N	Start Date: 1	End Date: 1	Northing: 5	Easting: 4	Core Size: E	From	(m)	0.00	5.52								30.72		31.43			02/11/201	

OMP.					
COMP.					
SITE 1					
COMPO					
FAG303					
FAA313	0.04	0.07	0.09	0.07	0.14
Interval	62	57	43	100	100
.0	34.00	34.57	35.00	36.00	36.00
L mo	33.38	34.00	34.57	35.00	35.00
ple Fro	80146	80147	80148	80149	80150
Sam	2%	5	ons. 20	plina 28	30149 28
Description	mon pink/grey colour, highly silicified, dness 7-8, sub angular mafic and quartz sts display 7-10% pyrite, ground mass 3-5 ite.		ange/pink-cream colour, medium grained inodiorite with cm-dm scale mafic inclusic H	E.O.Sam	DUPLICATE OF 28
Rock	Sal har clas pyri		gra FOL	2	_
Rock	Sheared Hybrid Granodiorite		Hybrid Granodiorite		
To	34.55		58.80	EOH	
From	33.36		34.55		

			DS, BLANKS & DUPLICATES		JI IN QUARTZ VEIN			COMP. COMP.	Au g/t width Au g/t width (cm) (cm)																					Crown BH LOG MK-10-04
		TO A CITA TO			VALUES NO	desite) (60 gm)	lt)	OMPOSITE	Au g/t width (cm)																					l
	TEMD		14.8	19.4		ig (meta-an	ogenic/basa	FAG303 C	Au g/t																					I
	UVU	DENT.	1900	L/CC		8.76 ppm A	metavolcano	FAA313	Au g/t	0.05	<0.01	<0.01	<0.01	0.07	0.01	0.05	<0.01	<0.01	8.52	0.09	<0.01	0.08	0.01	<0.01	0.03	<0.01	<0.01	0.06	<0.01	I
		LOLL	245.6	309.0		8.79 g/t Au;	2.00 g/t Au (i	Interval	(cm)	100.00	52.00	93.00	100.00	100.00	100.00	100.00	100.00	40.00	0.00	30.00	30.00	35.00	30.00	35.00	100.00	100.00	100.00	100.00	0.00	I
	Reflex		-50.20	05.06-		OREAS 62C =	OREAS H3 = 2	To	(m)	33.55	34.07	35.00	36.00	37.00	38.00	39.00	40.00	40.40	0.00	40.70	41.00	41.35	41.65	42.00	43.00	44.00	45.00	46.00	0.00	I
	AZIMITU		241.80	240.40		STANDARD	STANDARD	From	(m)	32.55	33.55	34.07	35.00	36.00	37.00	38.00	39.00	40.00	0.00	40.40	40.70	41.00	41.35	41.65	42.00	43.00	44.00	45.00	0.00	
	DOWNHOLE		12m	m2 /				Sample		280151	280152	280153	280154	280155	280156	280157	280158	280159	280160	280161	280162	280163	280164	280165	280166	280167	280168	280169	280170	Page 1 of 2
CROWN GOLD CORP - GEOLOGIC DRILL LOG	Ξ.			IKO	tive Drilling			Description		Medium grained, orangelpink and black with dark grey to black cm-dm scale mafic zenoliths, 55% pink plaglociase, 25% quartz, 10% biotite. Exposed at surface, no till.	Fine grained, medium grey colour, top contact at 60 deg TCA, finely laminated with calcite and quarta infilling hairline fractures. 33.95-34.05m FeCO stained quartz vein.								STANDARD - OREAS 62C	Pale grey/white colour, very fine grained to aphanitic texture, with fine quartz veining filling shear fractures.	25cm slightly milky quartz with 1-3mm specs of chlorite and 1-2% euhedral pyrite throughout.	As above quartz vein, finely laminated at 65 deg TCA.	Brecciated milky quartz with vitrious quartz infilling 2- 3%pyrite locally 5-7% pyrite	Fine grained medium grey colour finely laminated at 55 deg TCA FeCO staining 49 59-49 78m.					BLANK - SILICA	
1	th: 72		09	oy: o. rran	o . Distinc	ts:		Rock	Code																					I
put	Leng		d horse l	rodded r	Dates Logged:	Commen		Rock	Type	Hybrid Granodiorite	Mafic Dyke									Silicified Dyke	QUARTZ VEIN	Silicified Dyke	BRECCIATED QUARTZ VEIN	Mafic Dyke						
AcKenzie Isla	IK-10-04	or-dac-e	9-Sep-10	N4/0000	392//E	ML		To	(m)	33.57	40.43									40.57	40.82	41.02	41.63	49.78						010
Project: N	Ctort Date: 16	Start Date: 1	End Date: 1	c :Buiunion	Easting: 4	Core Size: B		From	(m)	0.00	33.57									40.43	40.57	40.82	41.02	41.63						02/11/2

COMP.								
COMP.								
MPOSITE	_							
AG303 CO								
FAA313 F	0.04	0.02	0.01	<0.01	<0.01	<0.01	0.01	
Interval	100.00	100.00	50.00	30.00	50.00	70.00	100.00	
To	47.00	49.00	49.50	49.80	50.30	51.00	52.00	
From	46.00	48.00	49.00	49.50	49.80	50.30	51.00	
Sample	280171	280173	280174	280175	280176	280177	280178	
k Description				Baked light grey with black specs, minor fracturing at 45 deg TCA with chlorite infilling, 50.27 and 50.29m, two parallel opposing irregular fractures at 65 deg TCA with hematie infillion	D		Medium grained, orange/pink and black with dark grey to black cm-dm scale mafic zenoliths 65% pink plagioclase 25% quartz 10% biotite.	EOH
Rock		_			_			
Rock				Granodiorite			Hybrid Granodiorite	
To				53.25			71.75	EOH
From				49.78			53.25	

DS,BLANKS & DUPLICATES EIN CUTS OT IN QUARTZ VEIN	Ē.	COMP. COMP.	Au g/t width Au g/t width (cm)																			Crown BH LOG MK-10-05
STANDAR QUARTZ V VALUES N	desite) (60 g alt)	DSITE	true width (cm)										0									1
	(meta-an enic/bas:	COMP(Au g/t																			
TEMP 11.8 17.3	6 ppm Ag avolcanoge	FAG303	Au g/t																			1
MAG 5591	g/t Au; 8.7l /t Au (meta	FAA313	Au g/t		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.01	<0.01	0.03	2.04	0.02	<0.01	0.01	0.03	0.03	
ROLL 15.0 253.6	2C = 8.79 3 = 2.00 g	Interval	(cm)		100	100	100	100	100	60	40	100	100	40	60	0	100	78	30	92	50	1
Reflex DIP -44.4 -43.9	OREAS 6 OREAS H	Γo	(m)		11.00	11.00	12.00	13.00	14.00	14.60	15.00	16.00	27.00	27.40	28.00	0.00	29.00	29.78	30.08	31	31.5	
E TEST - AZIMUTH 244.3 244.9	STANDARE STANDARE	From	(m)		10.00	10.00	11.00	12.00	13.00	14.00	14.60	15.00	26.00	27.00	27.40	0.00	28.00	29.00	29.78	30.08	31	
DOWNHOL DEPTH 15m 54m		Sample			280179	280180	280181	280182	280183	280184	280185	280186	280187	280188	280189	280190	280191	280192	280193	280194	280195	of 2
CROWN GOLD CORP - GEOLOGIC DRILL LOG	stive Drilling	Description		Glacial Till - Mixed clay, sand, gravel, rocks, cobbles and boulders of mainly granitic composition.	Orange/pink + black colour, medium grained, 55% Feldspar, 25% Quartz, 20% Biotite.	DUPLICATE OF 280179	Main body of dyke medium geenish grey colour with a moderate amount of hairline fractures infiled with calcite. Porphyritic segments grey with white specs 1.2 mm pale green rectangular feldspars. Top contact at 20 deg TCA, bottom contact at 80 deg TCA, hardness 5-6.				Orange/pink-cream colour, medium grained granodiorite with cm- dm scale mafic inclusions				Medium greenish grey, medium grained porphyritic dyke as above. Top contact at 60 deg TCA, bottom contact at 60 deg TCA, bottom contact has a 6cm vein of white feldspar mixed with opaque quartz hardness 7-8.	STANDARD OREAS H3				Very fine grained, medium green grey colour, slightly irregularly fractured with hairline calcite fractures, groundmass slightly calcified.		Page 1 (
: 54 : 245 : -45 : S. Fran	: Distinc	Rock	Code																			
land Length Azimuth Dip Logged by Dates Logged:	Drilling Co Comments	Rock	Type	Till	Granodiorite		Diorite Dyke				Hybrid Granodiorite				Diorite Dyke					Mafic Dyke		
McKenzie Is MK-10-05 20-Sep-10 20-Sep-10 5656100N 39263E	369m 3TW	To	(m)	6.78	11.05		14.58				27.42				30.05					31.87		
Project: Hole#: Start Date: 3 End Date: 2 Northing: 6	ELEV Core Size: 1	From	(m)	0.00	6.78		11.05				14.58				27.42					30.05	_	02/11/201(

OMP. COMP.	0.46 102	0.60 71														0.17 153												Crown BH LOG MK-10-05
SITE						Γ							Τ									Γ]	
COMPO																												
FAG303				-																								
FAA313	0.13	0.79	0.45	0.02	<0.01	0.02	0.04	0.03	0.03	0.03	0.05	0.1	0.05	0.08	0.07	0.16	0.18	0.07	0.02	0.03	0.02	0.02	0.02	0.02	0.03			
Interval	35	35	43	37	0	100	100	100	100	100	100	100	100	100	100	100	100	100	75	30	45	50	100	•	100			
To	31.85	32.2	32.63	33	0	34.00	35.00	36.00	37.00	38.00	39.00	40.00	41.00	42.00	43.00	44.00	45.00	46.00	46.75	47.05	47.50	48.00	49.00	0.00	50.00			
From	31.5	31.85	32.2	32.63	0	33.00	34.00	35.00	36.00	37.00	38.00	39.00	40.00	41.00	42.00	43.00	44.00	45.00	46.00	46.75	47.05	47.50	48.00	0.00	49.00			
Sample	280196	280197	280198	280199	280200	280201	280202	280203	280204	280205	280206	280207	280208	280210	280211	280212	280213	280214	280215	280216	280217	280218	280219	280220	280221			of 2
Description		73cm Quartz vein with chlorite banding at 65 deg TCA. Well mineralized with 3 x 1cm blebs of disemminated pyrite near 32.12m.		Very fine grained, medium green grey colour, finely laminated at 50 deg TCA, scattered quartz and feldspar veinlets along partings, groundmass strongly calcified. 44.10-46.78m moderately brecciated with quartz infilling.	BLANK - SILICA									DUPLICATE OF 280209						25cm quartz vein with chlorite bands at 40 deg TCA. No sulphides noted. Top and bottom contacts both at 40 deg TCA.	Top 2.75m of unit baked to a grey/black colour from contact metamorphism and containing xenoliths as usual, remainder of unit same as ypical orange/pink + black hybrid granodiorite with marific xenoliths.			BLANK - SILICA	E.O.Sampling	EOH		Page 2
Rock																												
Rock		QUARTZ VEIN		Mafic Dyke																QUARTZ VEIN	Hybrid Graodiorite							
To		32.60		46.78																47.03	53.50					EOH		
From		31.87		32.60																46.78	47.03							02/11/2010

[83]

	NDARDS BI ANKS & DUPI ICATES	RTZ VEIN CUTS	IES NOT IN DUARTZ VEIN			(60 gm)		COMP. COMP.	tth Au g/t width Au g/t width n) (cm) (cm)									0.04 130	0.11 196								1	Crown BH LOG MK-10-06	
	STAI	QUA				eta-andesite) (hinabalu	COMPOSITE	Au g/t wid (cr	-																			
	TEMP	16.6	20.1			ppm Ag (me	orcariogeni	FAG303 C	Au g/t																				
	MAG	3560	5587	in in casing		j/t Au; 8.76		FAA313	Au g/t				0.04	0.03	0.4	0.05	0.03	0.07	0.03	<0.01	8.56	0.12	0.02	0.03	0.05	0.05			
	BOL	185.7	198.0	eading take		52C = 8.79 c		Interval	(cm)				100	44	4	30	30	40	35	35	0	45	100	100	100	100			
	DIP	-63.6??	-70.00	Suspect r		D OREAS		To	(m)				45.00	45.44	45.85	46.15	46.45	46.85	47.20	47.55	0.00	48.00	49.00	50.00	51.00	52.00			
T TFOT	AZIMITH	17.422	247 RU	ar at -70dec		STANDAR		From	(H)				44.00	45.00	45.44	45.85	46.15	46.45	46.85	47.20	00.00	47.55	48.00	49.00	50.00	51.00			
	DEPTH	12m	84m	Error! Colla				Sample					280222	280223	280224	280225	280226	280227	280228	280229	280230	280231	280232	280233	280234	280235		e 1 of 2	
CROWN GOLD CORP - GEOLOGIC DRILL LOG	Ξ.	0			ive Drilling			Description		Glacial Till - Mixed clay, sand, gravel, rocks, cobbles and boulders of mainly grantitic composition.	Main body of dyke medium greenish grey colour with a moderate amount of hairline fractures infilled with calcite. Porphyritic segments grey with white specs 1-2 mm pale green rectangular	feldspars. Bottom contact at 50 deg TCA, hardness 5-6.		Orange/pink-cream colour, medium grained granodiorite with cm- dm scale mafic inclusions.	Baked slightly grey, less pink and orange tones, sheared with numerous chlorite and hematized hairline fractures. Top contact has a 3cm (true width) quartz vein with chlorite at 40 deg TCA.	164cm Quartz vein with chlorite banding at 50 deg TCA. Hematite staining near top contact, no sulphides noted. Top contact at 50 deg TCA, bottom contact at 40 deg TCA.					STANDARD - OREAS 62C	Medium green grey colour, fine grained, finely laminated at 50 deg TCA. Moderately fractured with hairline to 2cm fractures infilied with quark and calcite. Baked darker with a higher conc. of irregular hairline fractures with calcite and quark infilling from 68.80-73.22m. Bottom contact at 50 deg TCA.					_	Pag	
2	. 245	- 10	- S Frank		: Distincti	.,		Rock	Code			-															-		
pue	Azimuth	Dip	vd hanno l	Dates Logged:	Drilling Co.	Comments		Rock	Type	Till	Diorite Dyke			Hybrid Granodiorite	Sheared Granodiorite	QUARTZ VEIN						Mafic Dyke					_		
McKenzie Isla	0-2-0-00	1-Sep-10	5656100N	139263E	369m	BTW		To	(L)	5.23	7.23			45.45	45.88	47.52						73.22						2010	
Project:	Start Date:	End Date:	Northing.	Easting: 4	ELEV	Core Size:		From	(m)	0.00	5.23			7.23	45.45	45.88						47.52						02/11/	

[84]

COMP.						2000	0.6 87.0					
COMP.								1.06 37				
OMPOSITE									2.16 18	-		
FAG303 C												
FAA313	0.04	0.05	0.05	0.04		cn.n	0.27	0.04	2.16	0.06	0.04	0.06
Interval	100	45	45	0		8	31	38	35	50	85	100
To	53.00	72.45	72.90	0.00	10.60	00.67	/3.92	74.30	74.65	75.15	76.00	77.00
From	52.00	72.00	72.45	0.00	00 02	72.65	(3.35	73.92	74.30	74.65	75.15	76.00
Sample	280236	280238	280239	A 280240	112002	242002	280243	280244	280245	280246	- 280247	280248
Description				BLANK - SILIC	Pale pink grey colour, finely brecciated and sheared. Bottom	contact at 40 deg TCA.	68am Ounder voin with ablacits banding at 20 day TCA Ma	boom quarts vein with childrife banding at 50 deg 1 cA. NO sulphides noted.		As above quartz vein excepting medium grey in colour.	Orange/pink-cream colour, medium grained granodiorite with cn dm scale mafic inclusions	E.O.Samplin EOH
Rock												
Rock					Sheared	Granodiorite	OLLADT7 VEIN			Sheared Granodiorite	Hybrid Granodiorite	
To					73.95		74.62	20.41		75.12	83.90	EOH
From					73.22		73 QE	CE.C /	12	/4.63	75.12	

		STANDARDS, BLANKS & DUPLICATES	QUARTZ VEIN CUTS		meta-andesite) (60 gm) nic/basalt)	MPOSITE COMP. COMP.	u g/t width Au g/t width Au g/t width (cm) (cm)																									Crown BH LOG MK-10-07
		EMP	18.2	6.02	6 ppm Ag (i tvolcanoge	G303 CO	vu g/t Aı																				+	+	┢			I
		MAG	5609	/100	g/t Au; 8.7 g/t Au (meta	VA313 FA	Au g/t					0.04	0.04	0.04	0.03	0.04			0.19	0.08	0.04	<0.01	0.04	0.02	1.83	<0.01	<0.01	10.02	<0.01	<0.01	0.08	I
		ROLL	190	107	62C = 8.79 H3 = 2.00 §	terval F/	(cm)					50	50	45	52	50			50	50	50	50	35	35	0	30	20	00	50	50	55	I
	Reflex		45.10	40.40	D OREAS D OREAS	To	(E)					13.05	13.05	13.50	14.02	14.52			28.50	29.00	29.50	30.00	30.35	30.70	0.00	31.00	31.50	32.00	33.00	33.50	34.05	I
	E TEST .	Ā	237.50	£34.0U	STANDAR STANDAR	From	E)					12.55	12.55	13.05	13.50	14.02			28.00	28.50	29.00	29.50	30.00	30.35	0.00	30.70	31.00	22.00	32.50	33.00	33.50	I
	DOWNHOL	DEPTH	9m	HUR		Sample						280249	280250	280251	280252	280253			280254	280255	280256	280257	280258	280259	280260	280261	280262	280264	280265	280266	280267	5
CROWN GOLD CORP - GEOLOGIC DRILL LOG	90 m	235 °	-45 °	D. FTBITKO	Distinctive Drilling	Rock Description	Code	Glacial Till - Mixed clay, sand, gravel, rocks, cobbles and boulders of mainly granitic composition.	Porphyritic, dark grey with 1-3mm white plagioclase + quartz. Bottom	Highly silicified, hardness 7-8, with an oophitic texture with dark	green/black olkocrysts of pyroxene. Scattered 1cm wide apalite veins.	Porphyritic diorite dyke as above	DUPLICATE OF 280249	Very fine grained, black with <1% pyrite noted bottom contact at 60deg TCA.		Porphyritic diorite dyke as above	Chilled mafic dyke very fine grained medium greenish grey colour. Top contact at 50 deg TCA bottom contact 60 deg TCA.	Porphoritic diorite dyke as above, bottom contact at 70deg TCA in an opposing plain to the chilled dyke contact above.	Fine grained, light grey with a slightly mottled texture, top contact chilled over 8cm becoming medium grained @ 19.8m then finer	grameu agam @ 20.0011.				Sheared at 65deg TCA, finely laminated with calcite infilling of hairline fractures. Bottom contact at 50deg TCA.	STANDARD - OREAS H3							Page 1 of
put	Length:	Azimuth:	Dip:	Dates Logged by: 3	Drilling Co.: E Comments:	Rock	Type	11	Diorite Dyke	Mafic Dyke		Diorite Dyke		Mafic Dyke		Diorite Dyke	Mafic Dyke	Diorite Dyke	Mafic Dyke					Sheared Mafic Dyke								
CKenzie Isla	IK-10-07	1-Sep-10	2-Sep-10	39227E	70m	To	(L)	4.65	8.42	11.35		13.08		14.00		15.96	16.07	16.23	30.37					34.02								010
Project: M	Hole#: M	Start Date: 2	End Date: 22	Easting: 43	ELEV 3 Core Size: B	From	(u)	0.00	4.65	8.42		11.35		13.08		14.00	15.96	16.07	16.23					30.37								02/11/2

[86]

COMP.																							
COMP.																							
DSITE	2										29												
COMPC											0.54												
FAG303																							
FAA313	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.54	<0.01	<0.01	<0.01	0.02	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	
Interval	67	50	0	70	50	50	50	65	50	55	45	50	50	50	50	50	50	50	50	50	50	50	
2	34.72	35.22	0.00	35.92	36.42	46.85	47.35	48.00	48.50	49.05	49.50	57.50	57.50	58.00	58.50	59.00	59.50	60.00	60.50	61.00	61.50	62.00	
From	34.05	34.72	0.00	35.22	35.92	46.35	46.85	47.35	48.00	48.50	49.05	57.00	57.00	57.50	58.00	58.50	59.00	59.50	60.00	60.50	61.00	61.50	
Sample	280268	280269	280270	280271	280272	280273	280274	280275	280276	280277	280278	280279	280280	280281	280282	280283	280284	280285	280286	280287	280288	280289	
k Description	Medium grained baked white/grey + black colour with fine black hairline fractures. Bottom contact slightly assimilated.	Orange/pink + white colour with minor black hairline fractures.	BLANK - SILICA		Course grained, orange/pink with dark specs or biotite and <1% pyrite noted locally. Baked grey/white over lower 75cm.		Top contact chilled to fine grained over top 40cm then becoming medium grained and pophlyritic as before. Top contact slightly brenciated at An And TCA				Course grained, orange/pink + grey colour with a moderate amount of irregular hairline fractures. Top contact at 40 deg TCA.	Moderately to strongly porphyritic in segments. Two intersecting sets of calcified hairline fractures 57.451,8m. Very fine grained, chilled, light grey colour, late fractures injections noted 63.66 - 64.33m @ 60deg light grey colour, late fracture injections noted 63.66 - 64.33m @ 60deg IGT A and 60.50-60.81 @ 70deg TCA, Minor granitic flooding 67.60- 68.18m. scattered 3-6cm apalite veins 79-89m.	DUPLICATE OF 280279									E.O.Sampling	EOH - STILL IN DYKE AFTER 38m!
Rock	-																						
Rock	Baked Granodiorite	Pegmatoidal			Hybrid Granodiorite		Diorite Dyke				Granodiorite	Diorite Dyke											
To	34.70	35.90			46.90		49.00				51.95	90.22											EOH
From	34.02	34.70			35.90		46.90				49.00	51.95											

02/11/2010

Page 2 of 2

Crown BH LOG MK-10-07

[87]

S				CON	g/t																						0G MK-10-08
DUPLICATI	VEIN	Im	(mf	COMP.	g/t																						own BH LO
BLANKS & I	N CUTS IN QUARTZ	, (A) (A)	ndesite) (60 ç salt)	COMP.	g/t																						Ŭ
STANDARDS	QUARTZ VEII VALUES NOT	e ctomi of n	n Ag (meta-a anogenic/bas	COMP.	g/t																			29.75 81			
Ĩ		100 37 8 -1	I; 8.76 ppr (metavolc	DSITE	true width (cm)								38.30													35.24	
		70 0/1 0/	.79 g/t Au 00 g/t Au	COMPO	Au g/t								9.29													65.38	
TEMP	14.0	5 67C - 8	S 62C = 8 S H3 = 2.(FAG303	Au g/t																					65.38	
MAG	5609 5616	U ODEA	KD OREA	FAA313	Au g/t		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	9.29	0.03	0.05	0.04	0.06	0.01	<0.01	<0.01	31.0	0.05	<0.01	4.86	8.48	>10	
Reflex ROLL	323.1 306.1	TANDAR	STANDAR	Interval	(cm)		0	50	50	50	50	75	20	20	202	50	50	35	20	50	00	50	30	30	0	46	
DIP	-53.7			То	(E)		0.00	35.25	35.75	36.25	36.75	37.50	38.00	38.50	46.00	46.00	46.50	46.85	47.35	47.85	53 44	53.94	54.24	54.54	0.00	55.00	
TEST - Az	247.8 247.5			From	(E)		0.00	34.75	35.25	35.75	36.25	36.75	37.50	38.00	45.50	45.50	46.00	46.50	46.85	47.35	52 94	53.44	53.94	54.24	0.00	54.54	1 of 2
OWNHOLE DEPTH	15m 71m			Sample			280290	280291	280292	280293	280294	280295	280296	167097	280298	280300	280301	280302	280303	280304	280306	280307	280308	280309	280310	280311	Page
	5°	rtive Drilline		Description		Glacial Till - Mixed clay, sand, gravel, rocks, cobbles and boulders of mainly grantitc composition.	BLANK - SILICA	Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions	Medium grey colour, medium grained with numerous irregular catich raterues and patrings. FeCO (siderite) noted 37.52.37.75, A 2cm (true width) milky and opaque quartz vein at 40 deg TCA at 46.70m.					1		DUPLICATE OF 280299	1						101cm Quartz vein with chlorite bands, very well mineralized with clusters of disseminated pyrite and chalcopyrite 54.55-66.22m @ 54.80-54.85m. Top and bottom contacts both at 30 deg TCA.		STANDARD - OREAS 62C		
: 245	: -55 : S. Fran	· Dictinc		Rock	Code																						
Length	Dip Logged by	Drilling Co	Comments	Rock	Type	E		łybrid Sranodiorite	Jiorite Dyke														QUARTZ VEIN				
K-10-08 -Sep-10	56119N	9264E L	I.W	P	Œ,	9.25		35.26	53.96														54.97				10
Hole#: M tart Date: 22	End Date: 22 Vorthing: 56	Easting: 43	ELEV 30 ore Size: B1	Tom	(E)	0.00	_	9.25	35.26														53.96			_	22/11/20

COMP.	5.53 436										
COMP.		7.28 330									
COMP.	10.03 238										
COMP.				2.30 46							
COMPOSITE											
FAG303 0											
FAA313	0.29	0.14	0.26	1.50	3.62	0.22	0.11	0.03	0.05		
Interval	50	50	50	20	90	50	80	50	0		
To	55.50	56.00	56.50	57.00	57.30	57.80	58.60	59.10	0.00		
From	55.00	55.50	56.00	56.50	57.00	57.30	57.80	58.60	0.00		
Sample	280312	280313	280314	280315	280316	280317	280318	280319	280320		
k Description	Light grey colour, highly silicified, aphanitic texture.	Moderately baked to medium grey colour, central portain displays an orange hue		Fine grained, medium grey colour, <1% pyrite noted. Top contact at 40 deg TCA bottom contact at 30 deg TCA.	Pegmatoidal in remobilized segments, orange/pink and grey colour, highly silicified, hardness 7-8.			E.O.Sampling	BLANK - SILICA	Orange/pink-cream colour, medium grained granodiorite	
Rock											
Rock	Sheared Granodiorite	Granodiorite		Mafic Dyke	Sheared Granodiorite			Hybrid Granodiorite			
To	55.55	56.45		56.73	58.57			71.45			
From	54.97	55.55		56.45	56.73			58.57			

Crown BH LOG MK-10-08

Page 2 of 2

22/11/2010

[89]

NKS & DUPLICATES TS IUARTZ VEIN		t width (cm)				57																	WIN BH LOG MK-10-09
ARDS,BLA Z VEIN CU i NOT IN C	COMP.	Au g/				0.29		_				_			_							_	Ü
STAND/ QUART7 VALUES esite) (60 (E	true width (cm)																					
(meta-and	COMPOS	Au g/t																					
TEMP 15.1 18.8 6 ppm Ag	FAG303	Au g/t																					
MAG 5601 5607 9/t Au; 8.7	FAA313	Au g/t		0.01	0.38	0.2	0.08	0.09	0.02	0.02	<0.01	0.01	0.02	<0.01		0.02	0.02	0.08	0.03	0.03	0.06	<0.01	
Reflex ROLL 256.5 3.1 62C = 8.79 H3 = 2.00	Interval	(cm)		20	50	50	50	50	50	50	50	50	50	50		50	8	85	85	45	85	30	
01P -67.6 -67.6 -67.6	Ъ	(m)		29.5	30	30.5	31	31.5	32	32.5	33	33.5	33.5	34 34.5		66.65 67 15		68	68.85	69.3	70.15	70.45	
LE TEST - Az 251.3 251.6 251.6 STANDAR STANDAR	From	(m)		29	29.5	30	30.5	31	31.5	32	32.5	33	33	33.5 34		66.15 66.65	2000	67.15	68	68.85	69.3	70.15	
DOWNHO DEPTH 15m 84m	Sample			280321	280322	280323	280324	280325	280326	280327	280328	280329	280330	280331 280332		280333 280334		280335	280336	280337	280338	280339	1 of 2
CROWN GOLD CORP - GEOLOGIC DRILL LOG 4 m 5 ° nko ctive Drilling	Description		Glacial Till - Mixed clay, sand, gravel, rocks, cobbles and boulders of mainly granitic composition.	Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions. Lower 50cm baked grey/white colour and brecciated over lower 20cm. 16.03-16.35m apalite vein at 40 deg TCA 25.15=25.30m apalite vein at 40 deg TCA.						Porphyritic, dark grey green colour with white specs as previous. Brecciated from top contact to 33.70m.			DUPLICATE OF 28032		Fine grained, moderate conc. of hairline calcite fractures, ground	mass calcified, top contact at 35 deg TCA, bottom contact at 20 deg TCA.	Slightly baked and sheared still pale orange/pink and black colour	origing paret and sheared, sun pare orangerprint and black corour both top and bottom contacts irreglular.			Medium + light grey, highly silicified mafic dyke with fine irregular fractures infilled with calcite.		Page
1: 245 1: 245 2: -70 2: Fran 1: S. Fran 1: Distinc	Rock	Code																				_	
land Lengt Azimuth Di Logged by Dates Logged by Dates Logged Dilling Coc	Rock	Type	Ē	Hybrid Granodiorite						Diorite Dyke					Mafic Dyke		Granodiorite				Sheared Mafic Dvke		
AcKenzie Is IK-10-09 IK-10-09 3-Sep-10 656119N 33264E 69m iTW	То	(m)	9.10	32.00						48.60					67.19		69.30	00.60			70.47		010
Project: A Hole#: A Start Date: 2 End Date: 2 Northing: 5 Easting: 4 ELEV 3 Core Size: B	From	(m)	0.00	9.10						32.00					48.60		67.19	61.10			69.30		02/11/2

ſP.			06 66											24 57	
CON	_		3.			Т	Г	Г	Т	Г				0.7	
DSITE				23											
COMP(7.61										7	
FAG303															
FAA313	1.98	0.02	1.17	7.61	0.08	0.02	0.03	0.1	0.00	0.04	<0.01	0.01	0.25	0.22	
Interval	0	35	40	40	40	50	50	50	50	50	0	20	62	38	
To	0	70.8	71.2	71.6	72	72.5	73	73.5	74	74.5	0	75	75.62	76	
From	0	70.45	70.8	71.2	71.6	72	72.5	73	73.5	74	0	74.5	75	75.62	
Sample	280340	280341	280342	280343	280344	280345	280346	280347	280348	280349	280350	280351	280352	280353	
Description	STANDARD - OREAS H3	109cm quartz vein with chlorite banding, hematite + siderite noted in hairline fractures in quartz. No sulphides noted. Top contact at 30 deg TCA bottom contact 40 deg TCA.			Pegmatoidal orange/pink with black specs and hairline fractures. 1- 2% pyrite noted locally. Minor irregular quartz veinlets 5-10mm.						BLANK - SILICA			Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions as usual though moderately to highly fractured locally with fine black irregular hairline fractures.	EOH
Rock		-												-	
Rock		QUARTZ VEIN			Sheared Granodiorite									Hybrid Granodiorite	
To		71.56			75.60									84.14	EOH
From		70.47			71.56									75.60	

Crown BH LOG MK-10-09

Page 2 of 2

02/11/2010

		BLANKS & DUPLICATES	N CUTS	IN QUARTZ VEIN				OMPOSILE	Au g/t width (cm)													Crown BH LOG MK-10-10
		STANDARDS	QUARTZ VEII	VALUES NOT	lesite) (60 gm	E)			true width (cm)					Γ]	
					(meta-and	jenic/basa	000000	COMPOS	Au g/t													
		TEMP	16.4	19.9	76 ppm Ag	tavolcanog	14.0200	LAG303	Au g/t													
		MAG	5617	5570) g/t Au; 8.	g/t Au (me	FA 4747	LAA313	Au g/t			0.19	90.0	0.1	0.09	<0.01	0.03	0.01	<0.01	<0.01		
		ROLL	218.4	252.7	62C = 8.79	H3 = 2.00	-	Interval	(cm)			50	50	40	38	32	30	30	30	50		
	Reflex	DIP	-48.1	-47.8	tD OREAS	tD OREAS	ļ	•	(m)			43.9	44.4	44.8	45.18	45.5	45.8	46.1	46.1	46.6		
	LE TEST -	Az	244.2	245.3	STANDAF	STANDAF	1	LIOIT	(m)			43.4	43.9	44.4	44.8	45.18	45.5	45.8	45.8	46.1		
	DOWNHO	DEPTH	12m	53m			-	sample				280354	280355	280356	280357	280358	280359	280360	280361	280362		of 1
CROWN GOLD CORP - GEOLOGIC DRILL LOG	3 m	5 °	0 0	nko	ctive Drilling			nescription		Glacial Till - Mixed clay, sand, gravel, rocks, cobbles and boulders of mainly granitic composition.	Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions.	Fine grained, medium grey with calcified ground mass hairline calcite fractures becoming more concentrated, irregular and brecciated over lower 6m. Scattered milky and opaque quartz veins 5.20mm wide.	Pegmatiodal, pale orange/pink + grey colour, sheared and remobilized.			S8cm Quartz vein with chlorite banding, siderite and hematite noted on fractures in quartz. No sulphides noted. Top contact at 40 deg TCA, bottom contact irregular and slightly brecciated.		DUPLICATE OF 280361	Orange/pink-cream colour, medium grained granodiorite with cm-dm scale mafic inclusions as usual, brecciated and infilled with calcite over top 10cm, baked grey over top 150cm.	E.O.Sampling	5	Page 1
	h: 5	h: 24	b: -5	y: S. Fra	d: o.: Distin	S:		NOCK	Code									0			-	
put	Lengt	Azimut	ā	Logged b	Dates Logge Drilling Co	Comment		ROCK	Type	Till	Hybrid Granite	Mafic Dyke	Sheared Granodiorite			QUARTZ VEIN		Hybrid Granodiorite				
McKenzie Isla	MK-10-10	24-Sep-10	24-Sep-10	5656109N	439259E 370m	BTW	ŀ	0	(m)	5.75	25.02	44.40	45.20		_	45.78	_	53.30				2010
Project: 1	Hole#: 1	Start Date: 2	End Date: 2	Northing:	Easting: 4 ELEV 3	Core Size:	1111	ПОЛ	(m)	0.00	5.75	25.02	44.40			45.20		45.78				18/11/2

								FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t																							N.A.	0.85	1.68	Crown BH LOG MK-11-11
ſ	TEMD	8.5	10.2					FAA313	Au	g/t		<0.01	0.06	0.03	0.06	0.01	2.09				0.03	<0.01	0.03	0.03	0.03	<0.01	0.02	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	0.29	0.75	
	UVU	5821	5799					FAA313	Au	qdd		<5	60	25	65	15	2095				35	5	25	35	25	10	20	<5	30	<5	5	<5	5	285	750	
	- IOd	274	346						Interval	(cm)		30	150	160	150	50	STD				70	130	200	200	200	200	200	100	100	BLANK	100	85	30	30	30	
Defloy		-49.2	-49.1						To	(m)		16.20	17.70	19.30	20.80	21.30	0.00				45.70	47.00	49.00	51.00	53.00	55.00	57.00	58.00	59.00	0.00	60.00	60.85	61.15	61.45	61.75	
ECT .	AZIMITU	248.5	250.2						From	(m)		15.90	16.20	17.70	19.30	20.80	0.00				45.00	45.70	47.00	49.00	51.00	53.00	55.00	57.00	58.00	0.00	59.00	60.00	60.85	61.15	61.45	
	DEDTU	15m	72m					-	ample			283035	283036	283037	283038	283039	283040				283041	283042	283043	283044	283045	283046	283047	283048	283049	283050	283051	283052	283053	283054	283055	
CROWN GOLD CORP - GEOLOGIC DRILL LOG		o 64-	ranko	Feb 12 2011	Kank "A" Zone				ck Description	de Glacial Till - noorly sorted' sandy cohhle houlder till	Sheared diorite dyke - fine grained, laminated @ 65 deg TCA, prophyritic texture.	grey with dark brown green specks.	Sheared granodiorite - red apalitic segments mixed with grey dioritic segments,	top contact assimilated over 25cm. TC @ 50 deg TCA. Fine deseminated and	hairline fracture pyrite and chalcopyrite throughout	Diorite Dyke - fine grained, medium grey slighty foliated in segments.	OREAS Minor chilled mafic verv fine grained, medium grev to olive grev	veins 21.1215m & 21.2645m	Granodiorite - orange/pink with black specks of blottle, medium grained, minor hairline spipote fractures, minor very fine grained oilve green maffic Venis 25,77-26,17m with sharp contracts @ 35 deg TCA, BC @ 25 deg TCA,	Diorite Dyke - fine grained, black with white and grey porphyries of	quartz and plagioclase.	Diorite - marginal phase, grey vitreous matrix with fine black specks of chloritized	biotite. Fine deseminated pyrite and chalcopyrite scattered throughout.	Becoming highly sheared and silicified from 57m downwards.						SILL			Bishops Break horizon - quartz crack seal veining with chloritic partings,	opaque quartz noted encasing milky quartz subhedral crystals.	Contacts @ 60 degrees TCA.	Page 1 of 2
			gged by: S.	tes Logged:	mments: 10				Rock	TILL	Diorite Dyke	•	Granodiorite			Diorite Dyke			Granodiorite	Diorite Dyke		ioriote marg.											Qtz chlorite	vein		
CKenzie Island	O Eoh 11 A-	11-Feb-11 Dic	5656139 Lo	439263 Da	368 Ur			-	1 0	(m) 13.20	16.25		20.75			25.33			28.40	45.75		60.87 D											61.73			13
Project: M.	Ctart Date:	End Date:	Northing:	Easting:	ELEV Core Size:			-	From	(m)	13.20		16.25			20.75			25.33	28.40		45.75											60.87			02/04/20

[93]

CROWN GOLD CORP - GEOLOGIC DRILL LOG

										FAC301 FAC34V FAC34V	FAG303 FA33IN FA33IN	Au Au (Calc) Au (Calc)	g/t g/t oz/t													-					0.08	0.02	N.A.							
		TEMP	9.4		9.0					0100 01	FAA313	Au	g/t			<0.01									0.14		0.00	00.0	0.07	0.06	0.08	<0.01	0.02	100	0.02	20.0	60.0			I
		MAG	5820		08/C						FAA313	Au	dqq			<5									140		UD		6/	65	80	<5	20	0	4U	2	0.0			l
		ROLL	367.0	0.001	129.3							Interval	(cm)			25									50		35	0	ΩΩ	80	80	30	115	110	115	130	2			l
	Reflex	DIP	-59.3	20.00	1.80-							P	(m)			14.28									59.55		69.15	00.00	08.80	69.95	70.75	71.05	72.20	73 3U	74.45	75.75	0.00			l
	TEST -	AZIMUTH	249.5	200	7.007							From	(m)			14.03									59.05		68 RU	00.00	CI .60	69.15	69.95	70.75	71.05	70 20	73.30	74.45	2 t			I
	DOWNHOLE	DEPTH	15m	405-	шелі							Sample				283066									283067		283068	000000	203009	283070	283071	283072	283073	283074	283075	283076	0 0007			l
CROWN GOLD CORP - GEOLOGIC DRILL LOG	11 m	250 °	-00 °									Description	ode	Giacial Till - poorly sorted sandy cobble boulder till.	Diorite - marginal phase - dark green to black aphanitic groundmass with a mottled to speckled porphyritic texture.	Pegmatoidal quartz feldspar vein with fine deseminated pyrite in hairline fractures	parallel to contacts @ 35 degrees TCA.	Diorite - marginal phase - as above. highly porphyritic 25-29m & 36-54.4m with	2 2mm automatica anata and annot foldance abaracto	Apalite veins 20.6168m & 21.3043m @ 40 degrees 1 CA.	very fine grained olive green mafic vein 25 deg TCA. BC chloritic	Apalite vein 43.25-33m @ 65 deg TCA.	BC @ 45 degrees TCA.	Diorite Dyke - very fine grained, medium grey quartz diorite with minor calcite	fractures parallel to contacts near TC. 3-5% deseminated pyrite noted and	sampled 59.1555m. Apalite vein 57.89m @ 50 degrees TCA			Sneared Granodionte - pegmatoldal in segments, greytsn white & dark grey with	minor quartz veinlets @ 50 degrees TCA. Highly silicified DUP283069	segments display fine clusters of deseminated pyrite.	BB horizon - Milky quartz vein with chloritic partings and inclusions @ 50 deg TCA	Sheared Granodiorite - greyish white & dark grey, sheared fractures near	Diorite - marcinal phase - anhanitic croundmass with fina hintita nhanocrusts	evenue - magninal priase - aprianing groundingse with mile provide provided and chlorithic @ 30 day TCA	Analita vain - normatoidal oranna nink k-enar and faldenar with hintita enarke	Apartice verily pregnational of angle prink Arspan and relicipant with provide specks and occ. pyrite. BC @ 40 dea TCA.			Fage 1 of 2
					y: 0.1	Jacu.						k Rc	ů a		narg.	alite	-	naro.		 				Dyke	0)				iorite	red		Vein	iorite	ard a		4	2			
land	: Length:	Azimuth:	Din:	Larry L.	Dater Log	Drilling Co	Commenter of					Roch	Type	Ē	Diorite n	Qtz/Ton	vein	Diorite n						Diorite L					Granodi	Shear		Quartz	Granodi	Diorite ma		Another	Inpde			
McKenzie Isl	MK-11-12	11-Feb-11	13-Feh-11		120005	07664	NON					To	(E)	13.00	14.08	14.21		54.40						69.18					10.78			71.01	71.91	74 30	20.1	76 00	00.01		6100	5102/
Project:	Hole#:	Start Date:	Find Date:		Facting:	EI EV	Core Size.					From	(E	0.00	13.00	14.08		14.21						54.40				01.00	09.18			70.78	71.01	71 01		74 20	00.41		PO/CO	02/04

FAS31K	Au (Calc)	oz/t	Τ																																					ç		
FAS31K	Au (Calc)	g/t																		0.56		0.92		23 cm 1 rue	23 cm True	32 cm True	32 cm True	50 cm True	50 cm True													
FAG303	Au	g/t																						IZ	Nil	0.5g/t Au	0.6g/t Au	1.3 g/t Au	0.9 g/t Au	Au(Calc)	FAS31K	0.01	10000	G/T	0.08	0.02	N.A.	90.0	76.0		10017	
FAA313	Äu	g/t	0.03	<0.01	2.25	0.01	<0.01	<0.01	0.08	0.03	<0.01	0.06	0.26	0.08	<0.01	0.02	0.04		0.01	0.48		1.32		C11.05	71.05	107.95	107.95	110.75	110.75	Au(P)	FAS31K	0.01	10000	GT	<0.01	<0.01	N.A.	2.1	00.0		l	
FAA313	Pu.	ddd	30	8 9	2245	10	<5	<5	85	25	<2 2	60	260	85	<5	25	40		10	480		1325		70.75	70.75	107.45	107.45	110.25	110.25	Wt(P)	FAS31K	0.01	•	5	29	4	N.N.	14	B		l	
	Interval	(cm)	135	100	STD	100	50	50	100	100	100	125	50	50	BLANK	20	55		50	50		50		FAA313	FAS31K	FAA313	FAS31K	FAA313	FAS31K	Au(M2)	FAS31K	0.01	10000	L/S	0.08	<0.01	N.A.	90.0	0.00		l	
	o ((m)	78.00	79.00	0.00	80.00	80.50	81.00	82.00	83.00	84.00	85.25	85.75	86.25	0.00	96.15	96.70		107.45	107.95		110.75								Au(M1)	FAS31K	0.01	10000	CT C	0.09	0.03	N.A.	20.0	CC:0		l	
	From	(m)	77 10	78.00	0.00	79.00	80.00	80.50	81.00	82.00	83.00	84.00	85.25	85.75	0.00	95.45	96.15		106.95	107.45		110.25								Vt(M)	FAS31K	0.01	•	9	1096	117	N.A.	760	607		l	
	ample		283077	283079	283080	283081	283082	283083	283084	283085	283086	283087	283088	283089	283090	283091	283092		283093	283094		283095								METALLICS V	IETHOD	DETECTION	DETECTION	NITS	283071	283072	202001	283094	CENCOZ		l	
	Description		Ulorite - marginal phase - precciatiated/remobilized over top 2m with minor quartz Hooding 78 6- 8m		OREAS H		Fine pyrite noted 80-81m	8	tonalite flooding 81.585m.	2					SILIC		Fractured and hematized 96.17-96.07m + siderite noted	Highly porphyritic segments throughout with 1-3mm sabangular plag and finer	rounded quartz phenocrysts. BC is irregular @ 40 degrees TCA.	Hybrid granodiorite - typical dome stock with cm-dm scale subangular xenoliths	of mafic volcanics	Abundant 0.5-1mm euhedral pyrite crystals 110-111m	EOH 111m																			
	Rock	Code																																							l	
	Rock	Type	Diorite marg																	Hybrid	Granodiorite																					
	<u>e</u> ((m)	107.50																	111.00																				0100		
	From	(E)	75.80																	107.50																					CUIL C	

								FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t						-													0.03	<0.01	0.02				Crown BH LOG MK-11-13
		TEMP	7.8	6.9				FAA313	Au	g/t					<0.01		<0.01	<0.01		<0.01	<0.01	0.12		60.0	0.06	0.1	0.1	9.58	0.04	<0.01	0.01	<0.01	<0.01	<0.01	I
		MAG	5819	5794				FAA313	Au	ddd					10		€ 2	<5		<2	<5	115		85	65	105	100	9580	40	5	15	<5	<5	<5>	I
		ROLL	146.6	337.5					Interval	(cm)					50		75	75		150	150	150		100	50	115	100	STD	75	30	40	50	50	60	I
	Reflex	DIP	-70.9	-70.7					To	(m)					60.85		62.85	62.85		70.00	71.50	73.00		88.70	89.20	90.35	91.35	0.00	92.10	92.40	92.80	93.30	93.80	94.40	I
	rest -	AZIMUTH	253.5	258.4					From	(m)					60.35		62.10	62.10		68.50	70.00	71.50		87.70	88.70	89.20	90.35	0.00	91.35	92.10	92.40	92.80	93.30	93.80	I
	DOWNHOLE 1	DEPTH	15m	91m					Sample						283108	1	283109	283110		283111	283112	283113		283096	283097	283098	283099	283100	283101	283102	283103	283104	283105	283106	I
CROWN GOLD CORP - GEOLOGIC DRILL LOG	8.73 m	255 °	-71 °	Franko	Feb 15 2011	p Rank	A Zone		Description	ode	Glacial till - poorly sorted sandy cobble boulder till	Diorite - marginal phase - dark grey/black vitreous groundmass with high concentration of phenocrysts, 2-3mm subangular milky white and orange/pink plagioclase with finer 1-2mm subonuoted grey quartz. BC faulted at 70 decrees TCA with 5cm rdz/abalite vein on contact.	Diortie - marginal phase - as above however strongly sheared/fractured @ 30 deg TCA with holdine infill. S5cm core loss/grinding at 18m & 20cm core loss @ 19.75m BC @ 40 dearees TCA.	Diorite - marginal phase as previous - with scattered 3-5cm apalite veins, and	very fine grained, medium grey chilled mafic dykes noted	24.1529m @ 30 deg TCA, 25.72-26.4m @ 30 deg TCA,	TC is planar at 40 deg, BC is stepped.	Minor calcite alteration notedalong hairline fracturing. Dup of 283109	pyrite in fracture at 60.65m @ 15 deg TCA. Apalite/Quartz vein 62.2744m @ 50 degrees TCA.	Diorite Dyke - fine grained, medium grey diorite with scattered clusters of fine	deseminated pyrite and pyrrhotite, irregular hairline quartz fractures noted.		Diorite Dyke - highly plagioclase rich over top segment approaching monzodiorite, becoming silicified downwards with over + ovo + cov noted 90 4-90 8m	scattered quartz veinlets 2-10mm wide. Sheared @ 30 deg TCA towards	lower contact with vein.			OREAS		Bishops Break - quartz vein with chlorite partings, TC @ 60 deg TCA, BC faulted @ 30 deg TCA. Edge of faulted vein visible in core.	Diorite Dyke - as immediately above vein with hematite staining along	fine quartz veinlets. BC @ 50 degrees TCA.			Page 1 of 2
	ingth: §	timuth:	ä	aged by: S.	ites Logged:	illing Co.: To	omments:		Rock	Type C	Ē	Diorite marg.	Diorite marg Sheared	Diorite marg.	•					Diorite Dyke	ŝ		 Diorite Dyke							Quartz vein	Diorite Dyke				
Kenzie Island	MK-11-13 Le	13-Feb-11 Az	14-Feb-11 Di	5656139 Lc	439263 Dé	368 Dr	NQ2 CC		To	(m)	12.50	16.80	20.20	68.60 L						72.40			 92.21							92.30	94.38				013
Project: Mo	Hole#:	Start Date:	End Date:	Northina:	Easting:	ELEV	Core Size:		From	(m)	0.00	12.50	16.80	20.20						68.60			72.40							92.21	92.30				02/04/2(

[97]

FAS31K	Au (Calc)	190			
FAS31K	(Calc)	, h		Au(Calc) FAS31K 0.01 0.01 6/T 6/T -<0.01 0.02	
G303 F	alt Au	, ă		uu(P) A S31K F 0.01 6 G/T 0000 0.01 0.01 0.01	
13 FA		6		(P) A 331K FA 001 0 5 11(5 5 (0 < < < 0	
3 FAA3	A 0			2) Wt 11K FAS 00 0.0 11 6 11 8 11 8 11 8 11 2	
FAA31	al Au	5 V		1) Au(M K FAS3 0 100(G/1 0.0 0.0	
	(cm)	20		Au(M1 FAS31 0.01 10000 G/T 0.03 0.03	
	o (m)	94.90		Wt(M) FAS31K FAS31K N 0.01 N 0 G G 213 213 617 617	
,	(m)	94.40		IETALLICS IETHOD DETECTIO DETECTIO UNITS 283101 283102 283103	
	nple	283107			
	Sar				
		and hs			
		e pink k-spar a nded xenoliti			
	otion	orite, orange I5cm subrout			
2	Descrip	tock granodic ed with 10-1			
		pical dome st iedium grain			
		iodiorite - tyr tz + biotite m	lcanics		
		Hybrid Gran feldspar + qt	of mafic voi EOH 98.73n		
	Code	2000			
	TVDE	Hybrid Granodiorite			
	o (m)	98.73			
	(m)	94.38			

						FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t					_																	0.44	1.12	<0.01	Crown BH LOG MK-11-14
TEMP	7.2	7.5				FAA313	Au	g/t			<0.01	<0.01	0.01	1000	9.01	0.11	0.01	<0.01	<0.01	0.04	10.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.19	3.36	0.03	0.05
MAG	5833	5838				FAA313	Au	ppb			<5	5	10	and the set	9015	110	15	5	<5	35	9	с ч	, r	2	<5	-22	-25	<5	\$2	195	3360	25	55
ROLL	186.7	30.8					Interval	(cm)			50	50	50	1000	STD	50	30	100	100	45	22	009	50	50	50	50	50	20	50	50	50 20	30	45
Reflex DIP	-47.1	-46.5					To	(m)			35.65	36.15	36.65	444	0.00	39.20	39.50	40.50	41.50	41.95	10.00	43.00	44 00	44.00	44.50	45.00	45.50	46.00	46.50	47.00	41.50	47.80	48.25
EST - AZIMUTH	219.1	219.9					From	(m)			35.15	35.65	36.15	0.00	0:00	38.70	39.20	39.50	40.50	41.50	40.50	43.00	43.50	43.50	44.00	44.50	45.00	45.50	46.00	46.50	47.00	41.50	47.80
DEPTH	15m	89m					Sample				283297	283298	283299	00000	283300	283301	283302	283303	283304	283305	200007	28330/	283309	283310	283311	283312	283313	283314	283315	283316	28331/	283318	283319
CROWN GOLD CORP - GEOLOGIC DRILL LOG 94.70 m 219 °	-47 °	i. Franko	16-Feb-11 on Bank	erfect Storm target			Rock Description	Code	Glacial Till - poorly sorted, sandy cobble boulder till.	Granodirite - coarse grained, orange, pink, cream & black, k-spar, plag, quartz & biotitescattered pegmatoidal segments. fine grained onley green version souded: (7.0.76m @ 85 deg TCA, 16.85-97m irrenular contacts. 29.42-56m @ 80 den 31.05-48 irrenular contacts.	minor epidote and hematite hairline fractures.	Diorite - marginal phase - light to medium grey aphanitic groundmass with fine	biotite specks and fine deseminated pyrite.		OREAS 6		Granodiorite - medium grained, high k-spar content with dark chloritic interstitial	material. Becoming moderately to strongly hematized in segments beyond 42m	Fault Zone 42.2-45.5m	Quartz, hematite and sulfides fracture infill at 42.9 7& 43.2m				Diorite Dyke-fine grained medium grey, highly fractured over top 2m, DUP283309	becoming strongly layered @ 85 deg TCA with fine quartz partings.						vuggy with hematite and oxidized sulfides. Strongly hematized from 47-47.6m	Quartz chlorite vein - Bishops break style quartz chlorite parting	Diorite dyke - as above. Page 1 of 3
gth: nuth:		Iged by: S	es Logged:	ments: F			Rock	Type	Till	ranodiorite		orite marg.					ranodiorite							iorite Dyke								uartz Vein	iorite Dyke
cKenzie Island MK-11-14 Len 15-Feb-11 Azir	15-Feb-11 Dip	5656361N Log	439131E Dat 374 Dril	NQ2 Cor			To	(m)	4.45	35.70 G		39.25 Di					43.75 G							47.50 D							001	47.60 6	48.20 D
Project: M. Hole#: Start Date:	End Date:	Northing:	Easting: EI EV	Core Size:			From	(m)	0.00	4.45		35.70					39.25							43.75							02.55	47.50	47.60 02/04/20

Attach Attach<
class 23321 4426 4300 75 30 003 70
28322 4900 4950 500 55 601 50
283231 6100 650 6100 65 6011 601 6 601 6 601 6 601 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 0 1 0 1 <th1< t<="" td=""></th1<>
283234 51.50 52.50 53.50 51.50 52.50 53.50 51.00 50.00 51.00 50.00 51.00 50.00 51.00 50.00 51.00 50.00 51.00 50.00 51.00 50.00 <t< td=""></t<>
283255 5150 5205 550 100 65 001 60
283205 52.50 53.50 100 65 001 6 001 6
28327 52.50 53.50 100 <5 001 100 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.70 55.70 52.50 51.70 55.70 55.70 55.70 55.70 55.70 55.70 55.70 55.70 55.70 55.70 55.70 56.30 57.70 700 56.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 56.30 57.70 57.70 57.70 57.70 56.30 57.70 57.70 56.30 57.70 57.70 56.30 57.70 57.70 57.70 57.70 57.70 56.30 57.70 56.30 57.70 57.70 57.70 57.70 57.70 57.70 57.70 5
283236 54.50 54.50 100
Image Image <th< td=""></th<>
ICA 28330 0.00 0.00 ELAW 56 0.06 ELAM 56 0.06 FLAM 56 0.06 60 85 0.06 60 85 0.03 90 90 r/r 283331 57.00 57.70 70 20 0.02 0.03 <td< td=""></td<>
Xi. State S
Tr. 55.70 56.30 56.30 57.00 70 30 0.09 70 70 283333 57.00 57.00 77 70 30 0.03 70 70 283333 57.00 57.70 77 20 0.02 70 70 283335 58.45 75 15 0.02 75 16 70 283335 59.50 60.00 50 5 60.01 60 75 75 283335 61.00 61.00 50 60.00 50 5 70 75 283337 60.00 61.00 50 60.00 75 75 70 75 </td
Item 55.70 56.30 57.00 50.00
Int. Int. <th< td=""></th<>
28333 56.30 57.00 770 30 0.03 70 20 28333 57.00 57.70 77 20 0.02 7 7 283335 58.47 59.50 105 5 <0.01
28333 57,00 57,70 77 70 20 0.02 0.
28334 57/0 58.45 75 15 0.02 0 1 28335 58.45 59.50 105 5 <001
28335 58.45 59.50 105 5 <011 283336 59.50 60.00 50 -5 -0.01 10 1 283336 50.00 61.00 25.5 155 20 0.02 1 1 283337 60.00 62.55 63.15 60 -5 -0.01 1 1 283339 61.00 82.55 63.15 60 -5 -0.01 1 1 283340 61.00 82.55 63.15 60 -5 -0.01 1 1 1 283341 64.70 70 30 -5 -0.01 1 1 1 1 283345 65.00 66.00 70 -5 -0.01 1 1 1 283346 66.00 67.00 66.00 70 -5 -0.01 1 1 1 283346 66.00 100 70 -5 -0
283376 59.50 60.00 50 <5 <0.01 0 0 0 283337 60.00 61.00 100 5 <0.01
283337 6100 6100 5 <011 283338 6100 0.255 155 20 0.02 283338 6100 0.255 155 50 0.02
28338 61/00 62.55 155 20 0.02 0
28339 6.2.55 6.3.15 6.0 5.5 6.0.1 5.0 <
E2C 283340 0.00 510 510 610 61 610 61 610 61 610 61 610 61 610 61
Allon 283341 63.15 64.00 85 <5 <0.01 O <tho< th=""> O O <tho< th=""></tho<></tho<>
283342 64.00 64.70 70 30 0.03 0 0 283343 64.70 65.00 30 <5
283343 64.70 65.00 30 <5 <0.01 283344 65.00 66.30 30 <5
283344 65.00 65.30 30 <5 <0.01 283345 66.00 67.00 70 <5
283345 66.30 66.00 70 <5 <0.01 <1 <1 283346 66.00 67.00 100 <5
283346 66.00 67.00 <t< th=""></t<>
Corrysts, 283347 67.00 67.30 80 40 0.04 1 1 283348 67.30 86.00 70 <5 0.011 1 1 283349 67.30 86.00 700 <5 <0.01 1 1 283349 68.00 68.00 100 <5 <0.01 1 1 283351 90.15 90.85 70 <5 <0.01 1 1 1 283351 90.15 90.85 70 <5 <0.01 1 1 1 283351 90.15 30 <5 <0.01 1 1 1 1
28334B 67.30 88.00 70 <5
P283349 68.00 69.00 100 <5 <0.01 <1 P283350 88.00 89.00 89.00 90.05 700 <5
P283349 283350 68 00 80 00 50 01 50 10 50 10 283351 90.15 90.85 91.15 30 <5
283351 90.15 90.85 70 <5
283351 90.15 90.85 70 <5
283351 90.15 90.85 70 <5 <0.01 283352 90.85 91.15 30 <5
283352 90.85 91.15 30 <5 <0.01
2 of 3 Crown BH LOG MK-11-14
2 of 3 Crown BH LOG MK-11-14

Autorial	Au (caic)					
1-1-01-11	Au (caic)			100cm True 100cm True		
	Au			1.8g/tAu 0.8g/tAu	Au(Calc) FAS31K 0.01 10000 G/T 0.44 1.12 <0.01	
A	AU	<0.01		47.50 47.50	Au(P) FAS31K 0.01 10000 G/T 1.48 1.34 -0.01	
	Au	\$ \$		46.50 46.50	Wt(P) FAS31K 0.01 0 G G 34 158 92	
	Interval	20		FAA313 FAS31K	Au(M2) FAS31K 0.01 10000 G/T 0.45 1.2 <0.01	
ł	01 01	92.15			Au(M1) FAS31K 0.01 10000 G/T 0.36 0.36 0.92	
1000	LION	91.15			Wt(M) FAS31K 0.01 0 0 6 6 740 7419	
	ample	283353			ETALLICS METHOD DETECTION DETECTION UNITS 283316 283317 283318	
December		Hybrid granodiorite - typical dome stock, pink, white & black medium grained, with dm scale xenoliths of mafic volcanics.	EOH 94.7m			
- Parel	ROCK					
Daal	ROCK	Hybrid Granodiorite				
ŕ	01 20	94.70				
1100	LION C	91.13				

										FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t																										Crown BH LOG MK-11-15	
	TEMP	10.1	11.3							FAA313	Au	g/t					<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	1.97	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	MAG	5852	5830						0.000	FAA313	Au	qdd					<5	<5	<5	<5	<5	15	<5	<5	<5	10	<5	15	<5	1975	5	<5	<5	<5	<5	55	<5		
	ROLL	137.8	74.3								Interval	(cm)					30	50	50	65	65	100	75	35	90	55	40	120	60	STD	40	50	35	55	145	30	25		
Raflav	DIP	-69.3	-68.5								To	(m)					33.30	35.85	36.35	37.00	37.00	38.00	38.75	39.10	40.00	40.55	40.95	42.15	42.75	0.00	43.15	43.65	44.00	44.55	46.00	46.30	46.55		
- TSH	AZIMUTH	220.7	220.7								From	(m)					33.00	35.35	35.85	36.35	36.35	37.00	38.00	38.75	39.10	40.00	40.55	40.95	42.15	0.00	42.75	43.15	43.65	44.00	44.55	46.00	46.30		
DOWNHOLE T	DEPTH	20m	66m								sample						283467	283468	283469	283470	13470471	283472	283473	283474	283475	283476	283477	283478	283479	283480	283481	283482	283483	283484	283485	283486	283487		
	221 °	o 69-	S. Franko	Feb 18 2011	Top Rank	Perfect Storm Target					Rock Description	Code	Glacial Till - poorly sorted sandy cobble boulder till	Granodiorite - dome stock dark orange, pink, cream & black, coarse grained	Diorite Dyke - fine grained medium grey with hairline quartz fractures. TC @ 60 deg. BC erosional & irregular @ 80 deg TCA.	Granodiorite - dome stock as above - BC gradational into footwall unit.	1cm quartz chlorite vein with hematite and sulfides 33.0506m		Sheared mylonitized granodiorite - light green, cream and black with strongly	hematized fractured segments, foliation @ 35 deg TCA, highly	fractured 37.05-37.15m D	sheared with quartz flooding 36.2035m with chlorite shear @ 35 deg TCA.		fine grained silicified diorite dyke 38.80-39.05m @ 35 deg TCA.		5mm quartz chlorite vein on BC, strongly hematized. BC @ 55 deg TCA	Diorite Dyke - sheared on TC @ 55 deg, light olive green colour, very fine grained,	pyrite noted. Sheared 40.5885m	sheared, friable and visible sulfides 46.35m	OREAS		BC chilled with fine fractures with sulfide infill @ 80 deg TCA.	Granodiorite - medium grained, strongly hematized in segments, lower 40cm	brecciated, silicified and pyrite noted.				Page 1 of 2	
l anoth-	Azimuth:	Din:	Logged by:	Dates Logged:	Drilling Co.:	Comments:					Rock	Type	Till	Granodiorite	Diorite Dyke	Granodiorite			Granodiorite	Sheared							Diorite Dyke	5					Granodiorite						
MK-11-15	16-Feb-11	16-Feh-11	5656365N	439130E	374	NQ2					To	(m)	2.35	16.35	17.75	35.50			40.58								43.62						46.63					2013	
Hole#-	Start Date:	End Date:	Northing:	Easting:	ELEV	Core Size:					From	(u)	0.00	2.35	16.35	17.75			35.50								40.58						43.62					02/04/	

CROWN GOLD CORP - GEOLOGIC DRILL LOG

Project: McKenzie Island Hole#: MK-11-15 Length:

[102]

Au (Calc)																																T				1			-15
Au (Calc)																																					50cm True		BH LOG MK-11
Au																																					0.43g/t Au		Crown
Au	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.06	0.43	0.02	<0.01	8.81	0.15	<0.01	0.02	<0.01	0.04	<0.01	0.02	<0.01			<0.01				<0.01		<0.01	<0.01	<0.01	<0.01	<0.01			54.00		
Au	10	<5	<5	\$	<5	<5	<5	20	65	425	20	c c	8815	150	\$	25	5	35	<5	20	<5			<5				<5>	0	<5 5	<5	, S	0 v	<5			53.00		
Interval	45	50	BLANK	80	70	100	100	100	100	100	200	200	STD	120	25	35	50	150	150	50	45			30				100	1	60	60	80	CO1	50			FAA313		
2	47.00	47.50	0.00	48.30	49.00	50.00	51.00	52.00	53.00	54.00	56.00	58.00	0.00	59.20	59.45	59.80	60.30	61.80	63.30	63.80	64.25			64.55				65.55		66.15	66.15	66.95	68.50	69.00					
From	46.55	47.00	0.00	47.50	48.30	49.00	50.00	51.00	52.00	53.00	54.00	56.00	0.00	58.00	59.20	59.45	59.80	60.30	61.80	63.30	63.80			64.25				64.55		65.55	65.55	66.15	00.89	68.50					
Sample	283488	283489	283490	283491	283492	283493	283494	283495	283496	283497	283498	283499	283500	27501	27502	27503	27504	27505	27506	27507	27508			27509				27510		27511	27512	27513	27515	27516					
Rock Description	Diorite Dyke - as above, scattered irregular quartz veinlets.		SILIC							10 cm translucent auartz vein @ 30 dearees TCA			OREAS 62		Sheared/remobilized granodiorite. TC displays slickensides @ 50 deg TCA	Quartz Chlorite vein 60/40 split at 60 deg TCA. 12cm sheared FG Diorite inclusion	Granodiorite - moderately fractured/brecciated and remobilized down to 61m	then typical homogenous dome stock			Chlorite and quartz replacing sheared diorite dyke, contacts @ 60 deg TCA	Granodiorite - with quartz flooding	Quartz chlorite vein, chlorite contacts, milky quartz encasing translucent quartz	through central portion, TC @ 60 deg, BC @ 85 deg TCA	Granodiorite - typical dome stock	Diorite dyke - fine grained chilled margins, med olive green, TC @ 40, BC @ 60 deg	Granodiorite - typical dome stock	Diorite - vein with quartz flooding, BC is irregular.	Granodiorite - typical dome stock	5	DUP2751	Diorite vein - medium grey, fine grained, TC @ 40, BC @ 85 deg TCA	Granodiorite - typical dome stock - medium grained, orange/pink/cream/black, slightly fractured with chlorite and guartz infill		EOU 73 00				Page 2 of 2
Rock	Diorite Dyke														Granodiorite	Quartz Vein	Granodiorite				Cht Qtz vein	Granodiorite	Qtz cht vein		Granodiorite	Diorite Dyke	Granodiorite	Diorite vein	Granodiorite			Diorite vein	Granodiorite						
P	59.25														59.47	59.78	63.81				64.24	64.36	64.51		64.55	64.83	65.07	65.17	66.17			66.88	12.08						3/2013
From	46.63														59.25	59.47	59.78				63.81	64.24	64.36		64.51	64.55	64.83	65.07	65.17			66.17	00.88						26/0:

Holott.	MK-11-16	l endth:	80.6		DOWNHO!	TEST -	Reflex						
Start Date:	17-Feb-11	Azimuth:	27.		DEPTH	AZIMUTH	DIP	ROLL	MAG	TEMP			
End Date:	18-Feb-11	Din:	4		15m	276.8	-48.6	21.4	5827	12.6			
Northing:	5656372N	Logged by:	S. Frat	Inko	83m	277.6	-48.1	326.4	5807	12.4			
Easting:	439135E	Dates Logged:		Feb 22 2011									
ELEV	374	Drilling Co.:	Top R	ank									
Core Size:	NQ2	Comments:	Bishop	ps Break North of Perfect Storm									
									FAA313	FAA313	FAG303	FAS31K	FAS31K
From	To	Rock	Rock	Description	Sample	From	To	Interval	Au	Au	Au	Au (Calc)	Au (Calc)
(m)	ĺ.	Tvne	Code			(m)	(m)	(cm)	qua	a/t	a/t	alt	ozlt
0.00	1.80	Till		Glacial Till - poorly sorted sandy cobble boulder till.									
1.80	46.32	Granodiorite		Granodiorite - typical dome stock, coarse with medium grained segments, orangek-spar, pink & cream feldspar & quartz, black biotite									
					77647	10.24	00 31	UC		0.04			Ι
10.00	00 00	Disting Adding		District debra fina analysis and the tan 10mm shilled TC @ EE door TCA	07540	00.04	10.00	00	<u></u>	0.01			
40.32	00.00	DIOLITE DYKE			01017	40.30	47.00	00	<u>و</u>	10.05			
					61017	40.00	0.14	0+	9	20.01			
				(Iow ?! ?) OREAS H3	27520	0.00	0.00	STD	1500	1.5			
					27521	47.00	47.30	30	<5	<0.01			
				medium grained and slightly hematized 52-56m									
				55.08 5mm quartz, calcite & pyrite veinlet	27522	55.00	55.50	50	<5	<0.01			
				BC sheared @ 55 deg TCA	27523	60.00	60.50	50	<5	<0.01			
60.50	66.55	Granodiorite		Granodiorite - typical dome stock becoming bleached light green and	27524	60.50	61.00	50	65	0.06			
				foliated @ 50 deg TCA towards BC									
					27525	65.50	66.00	50	<5	<0.01			
					27526	66.00	66.50	50	10	<0.01			
66.55	66.65	Qtz Cht vein		Quartz chlorite vein sheared @ 50 degrees TCA	27527	66.50	66.80	30	25	0.02			
66.65	71.65	Granodiorite		Granodiorite - green and black and foliated @ 50 deg TCA.	27528	66.80	67.30	50	<5	<0.01			
				highly friable and crumbled 67.35-69.2m	27529	67.30	68.00	70	20	0.02			
				SILICA	27530	0:00	0.00	BLANK	<5	<0.01			
					27531	68.00	69.00	100	10	0.01			
					27532	69.00	70.00	100	10	0.01			
					27533	70.00	71.00	100	<5	<0.01			
					27534	71.00	71.60	60	<5	<0.01			
71.65	73.35	Mafic Dyke		Mafic Dyke - fine grained, medium olive green, foliated @ 40 degrees TCA	27535	71.60	72.50	06	<5	<0.01			
				with irregular calcite partings and lenses.	27536	72.50	73.40	90	<5	<0.01			
02/04	1/2013			Page 1 of 2							Crown	3H LOG MK-11	-16

[104]

.....

1-1-0,	Au (ulu)	Γ						
1-1-01	(nin)							
				-				
	101	0.01	_	0.01	.01	.02	.03	
	l v	<5 <6	-	<5 <(015 9	25 0	25 0	
	S0 S0	00		50 *	TD 90	40	75 2	
	00	00	-	85 5	00 S	25 4	00	
-	74 (75.0	-	5 82.6	0.0	5 83.	84.0	
L	73.40	74.00	-	82.35	0.00	82.85	83.25	
	27537	27538		27539	27540	27541	27542	
	Granodiorite - light green/black foliated @ 25-30 degrees TCA				OREAS 620	1cm quartz chlorite veinlet 83.07-83.12@ 20 deg TCA		EOH 89m
	Granodiorite							
	89.00							
	73.35							

							FAS31K	Au (Calc)	oz/t										
							FAS31K	Au (Calc)	g/t									109 cm True	
							FAG303	Au	g/t				14					7.9 a/t Au	
	TEMP						FAA313	Au	g/t	0.03	0.14	0.1	>10	7.07	0.1	2.05	0.04	4.10	0.04
	MAG						FAA313	Au	ppb	30	140	95	>10000	7075	95	2055	35	2.20	35
	ROLL							Interval	(cm)	110	110	55	75	60	30	STD	100	FAA313	100
Reflex	DIP							To	(m)	1.10	2.20	2.75	3.50	4.10	4.40	0.00	5.40		5.40
EST -	AZIMUTH							From	(m)	0.00	1.10	2.20	2.75	3.50	4.10	0.00	4.40		4.40
DOWNHOLE T	DEPTH							Sample		283114	283115	283116	283117	283118	283119	283120	283121		283121
CROWN GOLD CORP - GEOLOGIC DRILL LOG	65 °	45 č anko	Feb 20 2011	Rank	B 20ne			k Description	e	Diorite dyke - sheared - light grey, slightly green, medium to fine grained, foliated @ 40 dea TCA with hematized fracture planes. Silicified with a vuoov	texture with hematite oxidized to brown. Lower 35cm fine grained with convoluted bedding. BC @ 40 deg TCA.	Quartz vein with mafic inclusions and chlorite, hematite and siderite on partings.	TC @ 40 degrees TCA BC @ 30 degrees TCA.		Diorite Dyke - remobilized - as immediately above vein, foliated @ 30 deg TCA.	Qtz & Plag phenocrysts elongated parallel to foliation. OREAS H3	EOH 5.4m		EOH 5.4m
ŝ		S. FI.	ed:	: Top				Roc	Co	/ke d	8	ein			/ke	pez			_
land 7 Length:	1 Azimuth:	V Loaged by:	E Dates Logg	0 Drilling Co.	z comments			Rock	Type	Diorite Dy Sheared		Quartz Ve			Diorite Dy	Remobiliz			
McKenzie Is MK-11-1	19-Feb-1	5656149P	4391961	38	Z			To	(m)	2.22		4.05			5.40				
Project: Hole#:	Start Date:	Northina:	Easting:	ELEV	COLE SIZE:			From	(m)	0.00		2.22			4.05				

[106]

						FAS31K	Au (Calc)	oz/t										
						FAS31K	(Calc)	g/t										
						FAG303	Au Au	g/t										
Γ	TEMP					AA313	Au	g/t	<0.01	0.07	0.02	0.13	3.29	0.06	<0.01	9.46	0.02	0.13
	MAG					AA313 F	Au	dqq	<5	75	20	135	3290	60	<5	9455	15	135
	ROLL					L	Interval	(cm)	150	100	50	50	50	50	50	50	BLANK	160
Reflex	DIP						To	(m)	1.50	2.50	3.00	3.50	4.00	4.50	5.00	5.50	0.00	7.10
ST -	ZIMUTH						From	(m)	0.00	1.50	2.50	3.00	3.50	4.00	4.50	5.00	0.00	5.50
WNHOLE TE	EPTH A						ple		83122	83123	83124	83125	83126	83127	83128	83129	83130	83131
DOV							Sam		CA 21	5	2	2	2	2	2	2	CA 2	3
RILL LOG									liation @ 30 deg T	-spar, grey/white ind chalcopyrite	ed over top 30cm	inclusions,	CA, BC broken.				CA. SILI	
EOLOGIC DI							tion		fine grained, fol	, orange/pink k- minated pyrite a	ed and hematize	lartz with mafic	TC @ 50 deg TC				D 30 dearees TC	2
D CORP - GI							Descript		//green, med to	haniyic texture ite + fine deser	e, highly sheare	translucent qu	ottom contact. 7				nitic. foliated @	,
OWN GOLI									yke - light grey	nobilized to ak ars, black biot	yke - as above	ique white and	vuggy near bu				nobilized apha	
CR			20 2011						ared diorite d	nodiorite - rer rtz and feldsp.	ared diorite d	Irtz Vein - opa	var noted and				nodiorite - ren	4 7.10m
7.10 m	65 °	-50 ° S. Franko	Feb	Top Rank B Zone			Rock	Code	She	Gra	She	Qué	k-st	2012			Gra	EOI
ngth:	imuth:	o: aaed bv:	tes Logged:	illing Co.:			Rock	Type	orite Dyke	anodiorite	orite Dyke	artz Vein					anodiorite	
Kenzie Island MK-11-18 Lei	9-Feb-11 Az	656149N Lov	439196E Da	380 Dr.	10 700		To	(m)	1.52 Dic	2.10 Gr	2.60 Dic	5.45 Qu					7.10 Gr	
Project: McK Hole#: N	rt Date: 1	orthina: 5	asting:	ELEV			mo	m)	00	.52	10	.60					45	_
	Sta	ĬŽ	ш	č	3		Ē	3	°	-	6	2		_	_		2	

					303 FAS31K FAS31K	u Au (Calc) Au (Calc)										
	EMP		Τ		313 FAG3	Au Au Au	0.01	0.02	1.02	0.45	1.05	0.15	0.17	0.01	3.06	0.04
	T 9G				13 FAA	2 5		5	20	15 (45	15 (02	5	55 8	5 0
	W/ T				FAA3	val A		~ ~	10	4	10	5 14	5 17	2	D 80	4
-	ROL					Inter	115	122	91	82	85	105	135	135	STI	97
Reflex	ЫD					(m)	1 15	2.37	3.28	4.10	4.95	6.00	7.35	8.70	00.00	9.67
TEST -	AZIMUTH					From	00.00	1.15	2.37	3.28	4.10	4.95	6.00	7.35	0.00	8.70
DOWNHOLE	DEPTH				-	Sample	283132	283133	283134	283135	283136	283137	283138	283139	283140	283141
טרטעיז פטרט טטאר - טבטרטטיט גיזור בטט 9.67 m	65 ° -55 °	S. Franko Eab 20.2011	Top Rank	B Zone		Rock Description	Sheared diorite doke - light grea/green med to fine grained foliation @ 25 deg TCA		Granodiorite/monzodiorite remnants with 20cm diorite dyke wedge between.	Quartz vein with chlorite partings and very coarse orange pink k-spar inclusions,	pyrite clusters noted at 4.75m TC @ 30 deg TCA, BC @ 20 deg TCA.	Remobilized Diorite Dyke -foliated @ 25 deg TCA with numerous cm scale quartz	veinlets parallel to foliation.		OREAS	EOH 9.67m
enzie Isiana K-11-19 Length:	9-Feb-11 Azimuth: 4-Feb-11 Dip:	356149N Logged by: 130106F Dates Longed	380 Drilling Co.:	NQ2 Comments:		To Rock 'm) Tune	37 Diorite Duke		3.30 Granodiorite	1.90 Quartz Vein		3.67 Diorite Dyke				
#: N	ate: 19 ate: 19	ing: 54	LEV	Size:		E			-			0				
Technish Control Technish Control Nach Termin Nach																
 | eq:constraint: a constraint: a cons
 | $ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $
 | Math Math <th< th=""><th>Note: Description
(a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b</th><th>Tendent: Tendent: <th< th=""><th>Tendent Construction Cons</th><th>Monture
In Decision
(1) (Decision
(2) (De</th><th>Image: Margine Margine</th><th>Tention Tention Tention</th><th>022 Control 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</th><th>igur.
imuth:
gged by:
tes Logged:
illing Co.:</th><th>90</th><th><u>E</u></th><th>CANINDOLE</th><th>- 101</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<></th></th<> | Note: Description
(a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b
 | Tendent: Tendent: <th< th=""><th>Tendent Construction Cons</th><th>Monture
In Decision
(1) (Decision
(2) (De</th><th>Image: Margine Margine</th><th>Tention Tention Tention</th><th>022 Control 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</th><th>igur.
imuth:
gged by:
tes Logged:
illing Co.:</th><th>90</th><th><u>E</u></th><th>CANINDOLE</th><th>- 101</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<> | Tendent Construction Cons
 | Monture
In Decision
(1) (Decision
(2) (De | Image: Margine | Tention | 022 Control 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | igur.
imuth:
gged by:
tes Logged:
illing Co.: | 90 | <u>E</u> | CANINDOLE | - 101 | | | | | | | |

--

--

--
--
---|---
---|--|---|---|-----------------|--|-----------|-----------|-------|----------|--------|--------|------------|-------------|---------|
| In Dimitation Use of term
 | In Dimension Open of the point Open of the point <t< th=""><th>The manual
to be the control
to be the control
to be the control
to be the control
to be the controlDescription
to be the control
to be the controlDescription
to be the control
to be the controlDescription
to be the controlDescript</th><th>Interm 000 001 <t< th=""><th>International control Openant openant Openant</th><th>Internet Internet <th< th=""><th>Interm 0000
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Loga</th><th>Intermediation: Openant openant Openant <t< th=""><th>International
Base
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Struct</th><th>Interment 0.001</th><th>02 Co</th><th>mum:
gged by:
tes Logged:
illing Co.:</th><th>8</th><th></th><th>DT010</th><th>A 70AUTTL</th><th></th><th>- 100</th><th>UVW</th><th>TEMD</th><th></th><th></th><th></th></t<></th></th<></th></t<></th></t<> | The manual
to be the control
to be the control
to be the control
to be the control
to be the controlDescription
to be the control
to be the controlDescription
to be the control
to be the controlDescription
to be the controlDescript
 | Interm 000 001 <t< th=""><th>International control Openant openant Openant</th><th>Internet Internet <th< th=""><th>Interm 0000
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Loga</th><th>Intermediation: Openant openant Openant <t< th=""><th>International
Base
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Struct</th><th>Interment 0.001</th><th>02 Co</th><th>mum:
gged by:
tes Logged:
illing Co.:</th><th>8</th><th></th><th>DT010</th><th>A 70AUTTL</th><th></th><th>- 100</th><th>UVW</th><th>TEMD</th><th></th><th></th><th></th></t<></th></th<></th></t<> | International control Openant openant Openant
 | Internet Internet <th< th=""><th>Interm 0000
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Loga</th><th>Intermediation: Openant openant Openant <t< th=""><th>International
Base
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Struct</th><th>Interment 0.001</th><th>02 Co</th><th>mum:
gged by:
tes Logged:
illing Co.:</th><th>8</th><th></th><th>DT010</th><th>A 70AUTTL</th><th></th><th>- 100</th><th>UVW</th><th>TEMD</th><th></th><th></th><th></th></t<></th></th<> | Interm 0000
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Logardy
Loga | Intermediation: Openant openant Openant <t< th=""><th>International
Base
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Struct</th><th>Interment 0.001</th><th>02 Co</th><th>mum:
gged by:
tes Logged:
illing Co.:</th><th>8</th><th></th><th>DT010</th><th>A 70AUTTL</th><th></th><th>- 100</th><th>UVW</th><th>TEMD</th><th></th><th></th><th></th></t<> | International
Base Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Structure
Struct | Interment 0.001 | 02 Co | mum:
gged by:
tes Logged:
illing Co.: | 8 | | DT010 | A 70AUTTL | | - 100 | UVW | TEMD | | | |
| N Logged by:
E bane Logged
E bane Logged
E parter Logge
 | N Logged by:
Feb 20 2011
Some
Entities Case Feb 20 2011
Feb 20 2011
Some
Entities Case Image
Feb 20 2011
Feb 20 2011
Some
Entities Case Image
Feb 20 2011
Feb 20 2011
Some
Entities Case Image
Feb 20 2011
Feb 20 2011
 | Noneded by:
Entransis S. Fundo Entransis Tay Ravis Entransis Tay Entransis
 | Nonedencity:
Entroports:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
Sommers:
S
 | Nometry:
Description:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Sometry:
Som
 | Image: control contro control control control control contto control control control co
 | Image: Distribution in the probability of the properties if the 20 2011 Ten pro | Memory to the state of the | End billing col: Time End predictor: Time End predicto | Enderore Enderore <th< th=""><th>B Da</th><th>gged by:
tes Logged:
Illing Co.:</th><th>Ŷ</th><th>- 42° ° 20°</th><th>6m m</th><th>064.5</th><th>-57.1</th><th>9.3</th><th>5830</th><th>10.8</th><th></th><th></th><th></th></th<>
 | B Da | gged by:
tes Logged:
Illing Co.: | Ŷ | - 42° ° 20° | 6m m | 064.5 | -57.1 | 9.3 | 5830 | 10.8 | | | |
| 80 Drilling Co.: Top Rank FMA FMA FMA FMA 22 Comments: B Zone For Top
 | 06 Drilling Co:: Top Rank. 06 Drilling Co:: Top Rank. 07 Comments: R.20mments F.20mments F.A.313 F.A.333
 | 80 Diffing Co:: Top Rank FMA313 FM
 | 00 Dilling Co: Top Fank 01 Dilling Co: Top Fank 01 Dilling Co: Top Fank Fanal Fanal <th>80 Diffing Co: Top Rank.
80 Diffing Co: Top</th> <th>0 Diffuence:: Top Review Top Review</th> <th>0 Dilla Deci Top Rank. 2 Comments: 8.20m 0</th> <th>80 Diling Cia: Top Rank.
80 Diling Cia: Top</th> <th>80 Diling Cic: To Plank.
80 Diling Cic: To Cic: To</th> <th>0 Diring Oct. To Plank. 0 Diring Oct. To Plank. Diring Oct. To Plank. Diring Oct. <</th> <th>80 Dri
22 Co</th> <th>Iling Co.:</th> <th>S. Fra</th> <th>ranko
Feb 20 2011</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | 80 Diffing Co: Top Rank.
80 Diffing Co: Top
 | 0 Diffuence:: Top Review
 | 0 Dilla Deci Top Rank. 2 Comments: 8.20m 0 | 80 Diling Cia: Top Rank.
80 Diling Cia: Top | 80 Diling Cic: To Plank.
80 Diling Cic: To
 | 0 Diring Oct. To Plank. 0 Diring Oct. To Plank. Diring Oct. To Plank. Diring Oct. < | 80 Dri
22 Co | Iling Co.: | S. Fra | ranko
Feb 20 2011 | | | | | | | | | |
| Rock
TypeFA33FA3333FA333
 | Rock
Type
ToolCode
TypeFAX31FAX333FAX333FAX33FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX333FAX3333FAX333FAX333FAX333FAX33333FAX33333FAX33333FAX33333FAX
 | Fock
TypeFock
TypeFA33FA333 <t< th=""><th>Rock
Type Rock
Type Code
Type Description Sample From To Frontal Au Au</th><th>Rodit
Type Rodit
Type Rodit
T</th><th>Fock
Trgss Fock
Code Fock
Code Frag is
Code Frag is Code Frag is Code</th><th>Rock
proper
brand
Description Rock
code
brand
Description Rock
code
brand
Description Rock
code
brand
Description Rock
code
brand
Description Rock
code
Description Ro</th><th>Flock Code Description Famolia Familia Famolia Familia <th< th=""><th>Role Role Text is it it</th><th>Peck Description Amine From From</th><th></th><th>mments:</th><th>Top R
B Zone</th><th>Rank</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<></th></t<> | Rock
Type Rock
Type
Code
Type Description Sample From To Frontal Au
 | Rodit
Type Rodit
T | Fock
Trgss Fock
Code Fock
Code Frag is
Code Frag is Code
 | Rock
proper
brand
Description Rock
code
brand
Description Rock
code
brand
Description Rock
code
brand
Description Rock
code
brand
Description Rock
code
Description Ro | Flock Code Description Famolia Familia Famolia Familia Familia <th< th=""><th>Role Role Text is it it</th><th>Peck Description Amine From From</th><th></th><th>mments:</th><th>Top R
B Zone</th><th>Rank</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>
 | Role Role Text is it | Peck Description Amine From | | mments: | Top R
B Zone | Rank | | | | | | | | | |
| Fock
TypeRock
TypeCode
CodeThe controlThe controlThe controlThe controlAuAuAuAuTypeCodeDiorite Dyke - sheared, lift grey green diorite foliated @ 30 degrees TCA.2831431.301.301.302.001.302.002.00GranodioriteGranodiorite - wogy with hematite on top contact.2831431.302.60130150.012.01Granodiorite DykeGranodiorite - wogy with hematite on top contact.2831431.302.607070707070Jointe DykeDiorite Dyke - sheared and hematized TC @ 20 degrees TCA.2831452.603.30707070707070Jointe DykeDiorite DykeJointe Sheared and hematized TC @ 20 degrees TCA.2831457.505.605.605.605.695.705.695.705.695.705.695.705.695.705.695.705.695.70
 | Fock
TypeRock
TypeRock
TypeRock
TypeRock
TypeFormToIntervalAu<
 | FockFockForkForToIntervalAu<
 | Fock
TypeCode
CodeDescriptionSampleFromToIntervalAu <th>$\begin{array}{$</th> <th>$\left \begin{array}{c c c c c c c c c c c c c c c c c c c$</th> <th>Yole
TypeCond
TypeCondCondToIntervalAu</th> <th>$\begin{array}{$</th> <th>Fork
Type Fork
Type Fork
Type Form
Type Form
Type Form
Type Form
Type For For
Type For
Type</br></br></th> <th>Tex Description Description Description And Ai Aii Aiii<th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>FAA313</th><th>FAA313</th><th>FAG303</th><th>FAS31K</th><th>FAS31</th></th>
 | $ \begin{array}{ $
 | $ \left \begin{array}{c c c c c c c c c c c c c c c c c c c $
 | Yole
TypeCond
TypeCondCondToIntervalAu
 | $ \begin{array}{ $ | Fork
Type Fork
Type Fork
Type Form
Type Form
 | Tex Description Description Description And Ai Aii Aiii <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>FAA313</th> <th>FAA313</th> <th>FAG303</th> <th>FAS31K</th> <th>FAS31</th> | | | | | | | | | FAA313 | FAA313 | FAG303 | FAS31K | FAS31 |
| TypeCodeCode(m)(m)(m)(m)(m)ppbgftgftgftDiorite DykeDiorite Dyke - sheared, lift grey green diorite foliated @ 30 degrees TCA.2831431.302.301.301.301.500.021.301.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.021.500.011.500.011.500.011.500.011.500.011.500.011.500.011.500.011.500.011.500.011.500.011.510.01 <td< th=""><th></th><th>TypeCodem)m)m)m)m)m)m)m)m)m)mm<!--</th--><th></th><th>TypeCodeC</th><th>TypeCodeCondeCondeOption<th>Type Code min (m) (m)<!--</th--><th>TypeCodeControlCont<t< th=""><th>Type Code Type Code Part <th< th=""><th>JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01<!--</th--><th>╞</th><th>Rock</th><th>Rock</th><th>sk Description Sc</th><th>ample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (Calc)</th><th>Au (Cal</th></th></th<></th></t<></th></th></th></th></td<>
 |
 | TypeCodem)m)m)m)m)m)m)m)m)m)mm </th <th></th> <th>TypeCodeC</th> <th>TypeCodeCondeCondeOption<th>Type Code min (m) (m)<!--</th--><th>TypeCodeControlCont<t< th=""><th>Type Code Type Code Part <th< th=""><th>JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01<!--</th--><th>╞</th><th>Rock</th><th>Rock</th><th>sk Description Sc</th><th>ample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (Calc)</th><th>Au (Cal</th></th></th<></th></t<></th></th></th>
 |
 | TypeCodeC
 | TypeCodeCondeCondeOption <th>Type Code min (m) (m)<!--</th--><th>TypeCodeControlCont<t< th=""><th>Type Code Type Code Part <th< th=""><th>JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01<!--</th--><th>╞</th><th>Rock</th><th>Rock</th><th>sk Description Sc</th><th>ample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (Calc)</th><th>Au (Cal</th></th></th<></th></t<></th></th>
 | Type Code min (m) (m) </th <th>TypeCodeControlCont<t< th=""><th>Type Code Type Code Part <th< th=""><th>JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01<!--</th--><th>╞</th><th>Rock</th><th>Rock</th><th>sk Description Sc</th><th>ample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (Calc)</th><th>Au (Cal</th></th></th<></th></t<></th> | TypeCodeControlCont <t< th=""><th>Type Code Type Code Part <th< th=""><th>JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01<!--</th--><th>╞</th><th>Rock</th><th>Rock</th><th>sk Description Sc</th><th>ample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (Calc)</th><th>Au (Cal</th></th></th<></th></t<> | Type Code Type Code Part Part <th< th=""><th>JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01<!--</th--><th>╞</th><th>Rock</th><th>Rock</th><th>sk Description Sc</th><th>ample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (Calc)</th><th>Au (Cal</th></th></th<>
 | JypeCostCostOnline Dyte - Interact, littly grygeren dionite foliated @ 30 degrees TCA.23:14:31:302:000:01 </th <th>╞</th> <th>Rock</th> <th>Rock</th> <th>sk Description Sc</th> <th>ample</th> <th>From</th> <th>To</th> <th>Interval</th> <th>Au</th> <th>Au</th> <th>Au</th> <th>Au (Calc)</th> <th>Au (Cal</th> | ╞ | Rock | Rock | sk Description Sc | ample | From | To | Interval | Au | Au | Au | Au (Calc) | Au (Cal |
| Diorite Dyte Diorite Dyte Diorite Dyte Diorite Dyte 130 130 20 0.02 0.02 Shared Gamodicitie vuggy with hematite on top contact. 283143 1.30 2.60 1.30 2.00 1.5 0.01 Control of the Diorite Dyte Diorite Dyte Diorite Dyte 1.30 2.60 1.30 7.00 7.00 7.00 7.01 64.9 Diorite Dyte Diorite Dyte Diorite Dyte Stantact of the transmission of the transmissinter of the transmiss
 | Diorite Dyte Diorite Dyte - sheared lift grey green diorite foliated @ 30 degrees TCA. 283143 1.30 1.30 1.30 1.00 1.00 1 Sheared Grandiorite-vugy with hematite on top contact. 283143 1.30 2.00 150 0.01 1 1 1 Diorite Dyte Diorite Dyte- sheared and hematized TC @ 20 degrees TCA. 283143 3.30 4.00 70 10 100 10 1 </th <th>Diorite Dyte Diorite Dyte sheared, lift gey green diorite foliated @ 30 degrees TCA. 283143 1.30 130 15 0.01 15 15 0.01 15 0.01 15 0.01 15</th> <th>Diorite Dyte
binated Diorite Dyte
is another
strated to the sheared littly gray green diorite foliated @ 30 degrees TCA. 283142 0.00 1.30 20 0.02 0.02 0 1 Ranobicite Granobicite - uggy with hematized TC @ 20 degrees TCA. 283143 2.60 3.30 70 75 0.01 1<th>Dirtie Dyke Dirtie Dyke - sheared, lift grey green diorie foliated @ 30 degrees TGA 28142 0.00 1.30 0.00 0.01</th><th>Directe Dyte Directe Dyte - sheared, lift gray green dionic follated @ 30 degrees TCA. 283143 2.00 1.30 1.20 0.00 1.30 0.00 1.30 <th1.30< th=""> 1.30 1.30<th>Diome byte
Shared Diome byte
shared <thdiome byte<br="">shared Diome byte
shared <</thdiome></th><th>Diorie DyteDiorie Dyte - sheared. (int) gry green diorle follated @ 30 degrees TCA.231421.301.3</th><th>Dirtie Dyte Derive Dyte Derive Dyte Derive Dyte Dirtie Dyte <thdit< th=""> Dirte Dirtie</thdit<></th><th>Diorie Dyle Diorie Dyle Diorie Dyle Diorie Dyle Diori <thdiori< th=""> <th< th=""><th></th><th>Type</th><th>Code</th><th>de la comparación de la comparación de</th><th></th><th>(m)</th><th>(m)</th><th>(cm)</th><th>dqq</th><th>g/t</th><th>g/t</th><th>g/t</th><th>oz/t</th></th<></thdiori<></th></th1.30<></th></th>
 | Diorite Dyte Diorite Dyte sheared, lift gey green diorite foliated @ 30 degrees TCA. 283143 1.30 130 15 0.01 15 15 0.01 15 0.01 15 0.01 15
 | Diorite Dyte
binated Diorite Dyte
is another
strated to the sheared littly gray green diorite foliated @ 30 degrees TCA. 283142 0.00 1.30 20 0.02 0.02 0 1 Ranobicite Granobicite - uggy with hematized TC @ 20 degrees TCA. 283143 2.60 3.30 70 75 0.01 1 <th>Dirtie Dyke Dirtie Dyke - sheared, lift grey green diorie foliated @ 30 degrees TGA 28142 0.00 1.30 0.00 0.01</th> <th>Directe Dyte Directe Dyte - sheared, lift gray green dionic follated @ 30 degrees TCA. 283143 2.00 1.30 1.20 0.00 1.30 0.00 1.30 <th1.30< th=""> 1.30 1.30<th>Diome byte
Shared Diome byte
shared <thdiome byte<br="">shared Diome byte
shared <</thdiome></th><th>Diorie DyteDiorie Dyte - sheared. (int) gry green diorle follated @ 30 degrees TCA.231421.301.3</th><th>Dirtie Dyte Derive Dyte Derive Dyte Derive Dyte Dirtie Dyte <thdit< th=""> Dirte Dirtie</thdit<></th><th>Diorie Dyle Diorie Dyle Diorie Dyle Diorie Dyle Diori <thdiori< th=""> <th< th=""><th></th><th>Type</th><th>Code</th><th>de la comparación de la comparación de</th><th></th><th>(m)</th><th>(m)</th><th>(cm)</th><th>dqq</th><th>g/t</th><th>g/t</th><th>g/t</th><th>oz/t</th></th<></thdiori<></th></th1.30<></th>
 | Dirtie Dyke Dirtie Dyke - sheared, lift grey green diorie foliated @ 30 degrees TGA 28142 0.00 1.30 0.00 0.01
 | Directe Dyte Directe Dyte - sheared, lift gray green dionic follated @ 30 degrees TCA. 283143 2.00 1.30 1.20 0.00 1.30 0.00 1.30 <th1.30< th=""> 1.30 1.30<th>Diome byte
Shared Diome byte
shared <thdiome byte<br="">shared Diome byte
shared <</thdiome></th><th>Diorie DyteDiorie Dyte - sheared. (int) gry green diorle follated @ 30 degrees TCA.231421.301.3</th><th>Dirtie Dyte Derive Dyte Derive Dyte Derive Dyte Dirtie Dyte <thdit< th=""> Dirte Dirtie</thdit<></th><th>Diorie Dyle Diorie Dyle Diorie Dyle Diorie Dyle Diori <thdiori< th=""> <th< th=""><th></th><th>Type</th><th>Code</th><th>de la comparación de la comparación de</th><th></th><th>(m)</th><th>(m)</th><th>(cm)</th><th>dqq</th><th>g/t</th><th>g/t</th><th>g/t</th><th>oz/t</th></th<></thdiori<></th></th1.30<> | Diome byte
Shared Diome byte
shared <thdiome byte<br="">shared Diome byte
shared <</thdiome> | Diorie DyteDiorie Dyte - sheared. (int) gry green diorle follated @ 30 degrees TCA.231421.301.3
 | Dirtie Dyte Derive Dyte Derive Dyte Derive Dyte Dirtie Dyte <thdit< th=""> Dirte Dirtie</thdit<> | Diorie Dyle Diorie Dyle Diorie Dyle Diorie Dyle Diori Diori <thdiori< th=""> <th< th=""><th></th><th>Type</th><th>Code</th><th>de la comparación de la comparación de</th><th></th><th>(m)</th><th>(m)</th><th>(cm)</th><th>dqq</th><th>g/t</th><th>g/t</th><th>g/t</th><th>oz/t</th></th<></thdiori<> | | Type | Code | de la comparación de | | (m) | (m) | (cm) | dqq | g/t | g/t | g/t | oz/t |
|
 | Outer Constraint Constraint<
 | Image: constraint of the product of the outpot output interaction of the outpot outpot outpot outpot interval interaction of the outpot outpo
 | Output Canodionite - vuggy with hematite on top contact $2201 + 5$ 1.00 2.00 1.00 </th <th>Granoitority
Integrate Granoitority
Integrate Granoity Integrate <thcorrected< th=""> Granoity Integrate</thcorrected<></th> <th>Image: constraint of the product of the pro</th> <th>Granodiorite Canodiorite Canodiorite</th> <th>Jerries Generations Zorris <thzoris< th=""> <thzoris< th=""> Zorri</thzoris<></thzoris<></th> <th>Image Canonic of candidity Can constraine Can constraine<th>Jonatorial
and
Barriery
Ducite bytes Grandfortle - vuggy with hematite of top contact. Z02114 Z020 Z02 <thz02< th=""> Z02 <thz02< th=""> Z02 Z02</thz02<></thz02<></th><th></th><th>Diorite Dyke</th><th></th><th>Diorite Dyke - sheared, litht grey green diorite foliated @ 30 degrees TCA.</th><th>283142</th><th>0.00</th><th>1.30</th><th>130</th><th>20</th><th>0.02</th><th></th><th></th><th></th></th> | Granoitority
Integrate Granoity Integrate Granoity Integrate <thcorrected< th=""> Granoity Integrate</thcorrected<>
 | Image: constraint of the product of the pro
 | Granodiorite Canodiorite | Jerries Generations Zorris Zorris <thzoris< th=""> <thzoris< th=""> Zorri</thzoris<></thzoris<>
 | Image Canonic of candidity Can constraine Can constraine <th>Jonatorial
and
Barriery
Ducite bytes Grandfortle - vuggy with hematite of top contact. Z02114 Z020 Z02 <thz02< th=""> Z02 <thz02< th=""> Z02 Z02</thz02<></thz02<></th> <th></th> <th>Diorite Dyke</th> <th></th> <th>Diorite Dyke - sheared, litht grey green diorite foliated @ 30 degrees TCA.</th> <th>283142</th> <th>0.00</th> <th>1.30</th> <th>130</th> <th>20</th> <th>0.02</th> <th></th> <th></th> <th></th> | Jonatorial
and
Barriery
Ducite bytes Grandfortle - vuggy with hematite of top contact. Z02114 Z020 Z02 Z02 <thz02< th=""> Z02 <thz02< th=""> Z02 Z02</thz02<></thz02<> | | Diorite Dyke | | Diorite Dyke - sheared, litht grey green diorite foliated @ 30 degrees TCA. | 283142 | 0.00 | 1.30 | 130 | 20 | 0.02 | | | |
| International
biointe dyte Domine Dyte Diversion of the properties of the propert
 | International model Dote the point of the
 | International protection in the international protection international protectional protectional protection international protection international protectional protection internatint internatint international protection international protectio
 | Diametric byte Diamet
 | Image During byte During byte <th< th=""><th>Jointe offer Jointe offer<</th><th>Jointe Orike Jointe Orike Jointe Orige Jointe Orige<</th><th>Under byte Derivative regist means of controls Derivative regist means Derivative regist means Deriv</th><th>Jointe Oriko Dionte Oriko<</th><th>Jointe View Direction Mark Directio Mark Direction Mark Direction M</th><th>+</th><th>uranodiorita</th><th></th><th>Granodiorita - virociv with hematite on ton contact</th><th>283144</th><th>09.0</th><th>3 30</th><th>02</th><th>75</th><th>10.0</th><th></th><th></th><th></th></th<> | Jointe offer Jointe offer<
 | Jointe Orike Jointe Orike Jointe Orige Jointe Orige< | Under byte Derivative regist means of controls Derivative regist means Derivative regist means Deriv | Jointe Oriko Dionte Oriko<
 | Jointe View Direction Mark Directio Mark Direction Mark Direction M | + | uranodiorita | | Granodiorita - virociv with hematite on ton contact | 283144 | 09.0 | 3 30 | 02 | 75 | 10.0 | | | |
| Quartz Vein Quartz chlorite vein 40-50 % chlorite, hardness Moñs 2.5. 283146 4.00 4.50 500 510 710 64.9 pyrite & arsenopyrite noted. 283147 4.50 5.00 5.00 65.91 64.97 74.71 7
 | Quartz Vein Quartz chlorite vein 40-50 % chlorite, hardness Mohs 2.5. 283146 4.00 4.50 500 510 510 64.9<
 | Quart Vin Quart Chlorite ven $40-50$ % chlorite, hardness Mohs 2.5. 283146 4.00 4.50 500 510 549 560 570 560 570 560 570 560 570 560 570 560 570<
 | Quartz Vien Quartz chlorite vein 40-50 % chlorite, hardness Mohs 2.5. 283146 4.00 4.50 500 500 500 6.90 </th <th>Quartz Vein Quartz Vein Quartz Vein Quartz Vein 283146 4.00 4.00 5.00
5.00 5.00</th> <th></th> <th>Quartz Virial Quartz Virial Colo Col Col</th> <th>Quart VinQuart chorie veni 40-50 % chlorite, hardness Moña 24.5.2831454.004.505.00<th></th><th>Quart Voim Quart Control of 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</th><th>1</th><th>Diorite dyke</th><th></th><th>Diorite Dyke - sheared and hematized TC @ 20 degrees TCA.</th><th>283145</th><th>3.30</th><th>4.00</th><th>20</th><th>10</th><th><0.01</th><th></th><th></th><th></th></th> | Quartz Vein Quartz Vein Quartz Vein Quartz Vein 283146 4.00 4.00 5.00
 5.00 |
 | Quartz Virial Colo Col
 | Quart VinQuart chorie veni 40-50 % chlorite, hardness Moña 24.5.2831454.004.505.00 <th></th> <th>Quart Voim Quart Control of 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</th> <th>1</th> <th>Diorite dyke</th> <th></th> <th>Diorite Dyke - sheared and hematized TC @ 20 degrees TCA.</th> <th>283145</th> <th>3.30</th> <th>4.00</th> <th>20</th> <th>10</th> <th><0.01</th> <th></th> <th></th> <th></th> | | Quart Voim Quart Control of 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 | 1 | Diorite dyke | | Diorite Dyke - sheared and hematized TC @ 20 degrees TCA. | 283145 | 3.30 | 4.00 | 20 | 10 | <0.01 | | | |
|
 |
 | Image: bold bound b
 | Image: bold bold bold bold bold bold bold bold
 | Image: price & arsenoryrite noted. 283147 5.00 5.00 6.60
 | prime & arcsenopyrite noted. 283147 550 500 550 550 650 550 650 550 650 550 650 550 650 550 650 550 650 550 650 550 650 550 650 550 650 550 650 550 600 50 313 9
 | pyrite & areanopyrite noted. 283147 550 500 550 650
 | Image: black index | pyrite & arsenopyrite noted. 283147 5.00 | pyrite Å arsenopyrite noted. 283147 5.00 | ľ | Quartz Vein | | Quartz chlorite vein 40-50 % chlorite, hardness Mohs 2.5. | 283146 | 4.00 | 4.50 | 50 | >10000 | >10 | 64.9 | | |
| Image: Section of the condition of the conditin of the condition of the condition of the condition of
 | Image: control bound boun
 | Image: Definition of the point of
 | Image: control by the point by the
 | Image: constraints of the part | Image: contracts Contra Contracts Contra <
 | Image: constant of the problem set of the probl | Image: constant for the part of
 | Image: constant for the constant f | Image: black | | | | pyrite & arsenopyrite noted. | 283147 | 4.50 | 5.00 | 50 | 6590 | 6.59 | | | |
| Image: Second
 | Diorite Dyte Diorite Dyte E00 600
 |
 |
 | Image: condition by the sheared with scattered quartz chorie verifies. Dur23149 5.50 6.00 50 883 883 883 983 983 983 983 983 983 983 983 983 983 983 983 983 983 983 983 983 917 9111 911 9111
 | Image: Displayed by the sheared - with scattered quartz chlorite verintes. DuP28319 5.50 6.00 5.0 8.03 8.03 8.03 9.03
 | Image: black blac | Image: Displaying the point of the
 | Image: Displaying limit by the sheared - with scattered quartz chlorite verifieds. Dur23313 E3315 6.00 | 2011 5:50 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 5:0 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6:00 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:00 0:00 0:00 0:01< | | | | | 283148 | 5.00 | 5.50 | 50 | 1310 | 1.31 | | | |
| Durbatility 283151 6.00 50 317 317 317 317 Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.00 650 4065 4.07 7.07 800 10 <t< th=""><td>Durbatisty Durpatisty Easily and the condition of t</td><th>Diorite Dyke Contacts @ 20 degrees TCA. DuP33149 283150 6.00 5.00 3175 3.17 3.17 Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.00 6.50 50 106 0.01 model 107 model 107</th><td>Diorite Dyke Contacts @ 20 degrees TCA. DuP283149 560 6.00 50 317 311</td><th>Diorite Dyke Contacts @ 20 degrees TCA. DuP283140 550 600 50 317 3110 317 3110 3110 317 3110 317 3110 317 3110 3110 3110 3110 3110 3110 3111</th><td>Diorite Dyke Contacts @ 20 degrees TCA. Diorite Dyke 600 500 6105 6107 6101 6107 61010 6107<!--</td--><td>Diorite Dyke Contacts @ 20 degrees TCA. Dur283149 E610 650 650 610 650 610 600</td><td>Diorite Dyke Contacts @ 20 degrees TC Dur933149 E8151 6.00 6.00 6.00 6.01 6.00 6.01<!--</td--><td>Diorite Dyke Contacts @ 20 degrees TCA. Dur93314 E8150 6.00 6.00 6.00 6.01 6.00 6.01<td>Diorite Dyke Contacts @ 20 degrees TC. Dur93314 283150 6.00 6.00 50 407 N N Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 7.00 500 100 10 01 0 10
 10 <t< td=""><td></td><th></th><td></td><td></td><td>283149</td><td>5.50</td><td>6.00</td><td>50</td><td>8835</td><td>8.83</td><td></td><td></td><td></td></t<></td></td></td></td></t<> | Durbatisty Durpatisty Easily and the condition of t
 | Diorite Dyke Contacts @ 20 degrees TCA. DuP33149 283150 6.00 5.00 3175 3.17 3.17 Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.00 6.50 50 106 0.01 model 107 model 107
 | Diorite Dyke Contacts @ 20 degrees TCA. DuP283149 560 6.00 50 317 311
 | Diorite Dyke Contacts @ 20 degrees TCA. DuP283140 550 600 50 317 3110 317 3110 3110 317 3110 317 3110 317 3110 3110 3110 3110 3110 3110 3111
 | Diorite Dyke Contacts @ 20 degrees TCA. Diorite Dyke 600 500 6105 6107 6101 6107 61010 6107 </td <td>Diorite Dyke Contacts @ 20 degrees TCA. Dur283149 E610 650 650 610 650 610 600</td> <td>Diorite Dyke Contacts @ 20 degrees TC Dur933149 E8151 6.00 6.00 6.00 6.01 6.00 6.01<!--</td--><td>Diorite Dyke Contacts @ 20 degrees TCA. Dur93314 E8150 6.00 6.00 6.00 6.01 6.00 6.01
 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01<td>Diorite Dyke Contacts @ 20 degrees TC. Dur93314 283150 6.00 6.00 50 407 N N Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 7.00 500 100 10 01 0 10 <t< td=""><td></td><th></th><td></td><td></td><td>283149</td><td>5.50</td><td>6.00</td><td>50</td><td>8835</td><td>8.83</td><td></td><td></td><td></td></t<></td></td></td> | Diorite Dyke Contacts @ 20 degrees TCA. Dur283149 E610 650 650 610 650 610 600 | Diorite Dyke Contacts @ 20 degrees TC Dur933149 E8151 6.00 6.00 6.00 6.01 6.00 6.01
 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 </td <td>Diorite Dyke Contacts @ 20 degrees TCA. Dur93314 E8150 6.00 6.00 6.00 6.01 6.00 6.01<td>Diorite Dyke Contacts @ 20 degrees TC. Dur93314 283150 6.00 6.00 50 407 N N Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 7.00 500 100 10 01 0 10 <t< td=""><td></td><th></th><td></td><td></td><td>283149</td><td>5.50</td><td>6.00</td><td>50</td><td>8835</td><td>8.83</td><td></td><td></td><td></td></t<></td></td> | Diorite Dyke Contacts @ 20 degrees TCA. Dur93314 E8150 6.00 6.00 6.00 6.01 6.00 6.01 <td>Diorite Dyke Contacts @ 20 degrees TC. Dur93314 283150 6.00 6.00 50 407 N N Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 7.00 500 100 10 01 0 10 <t< td=""><td></td><th></th><td></td><td></td><td>283149</td><td>5.50</td><td>6.00</td><td>50</td><td>8835</td><td>8.83</td><td></td><td></td><td></td></t<></td> | Diorite Dyke Contacts @ 20 degrees TC. Dur93314 283150 6.00 6.00 50 407 N N Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 7.00 500 100 10 01 0 10 <t< td=""><td></td><th></th><td></td><td></td><td>283149</td><td>5.50</td><td>6.00</td><td>50</td><td>8835</td><td>8.83</td><td></td><td></td><td></td></t<> | | | | | 283149 | 5.50 | 6.00 | 50 | 8835 | 8.83 | | | |
| Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 4.055 6.07 6.07 6.07 6.07 6.07 6.07 6.01 6.07 6.01 <t< th=""><td>Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 4.07 4.07 > Diorite Dyke Diorite Dyke - sheared - with scattered quartz choine veinlets. 283152 7.00 50 15 0.01 0</td><th>Image: Contacts @ 20 degrees TCA. Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 405 407 model Diorite Dyke Diorite Dyke - streared - with scattered quartz chlorite velotes. 283153 7.00 50 15 0.01 00 15 0.01 10 101 11 10 10 10 101 101 101 10 101</th><td>Image: Contacts @ 20 degrees TCA. Contacts @ 20 degrees TCA. 283151 6.00 6.50 7.00 6.07 7.07 7.07</td><th>image Contacts @ 20 degrees TCA. 223151 600 600 100</th><td>Image: mark for the balance of the balance</td><td>image Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 4.07 image 4.07 image 4.07 image image</td></t<> <td>Image: marking products (2) degrees TCA. Contacts (2) 0 degrees TCA. 283151 6.00 6.00 10</td> <td>Image Contacts @ 20 degrees TCA. 283151 6.00 6.50 7.00 6.01</td> <td>Image Contacts @ 20 degrees TCA. 283151 6.00 6.60 6.00 100 <</td> <td></td> <th></th> <td></td> <td>DUP283149</td> <td>283150</td> <td>5.50</td> <td>6.00</td> <td>50</td> <td>3175</td> <td>3.17</td> <td></td> <td></td> <td></td> | Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 4.07
 4.07 > Diorite Dyke Diorite Dyke - sheared - with scattered quartz choine veinlets. 283152 7.00 50 15 0.01 0
 | Image: Contacts @ 20 degrees TCA. Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 405 407 model Diorite Dyke Diorite Dyke - streared - with scattered quartz chlorite velotes. 283153 7.00 50 15 0.01 00 15 0.01 10 101 11 10 10 10 101 101 101 10 101
 | Image: Contacts @ 20 degrees TCA. Contacts @ 20 degrees TCA. 283151 6.00 6.50 7.00 6.07 7.07 7.07
 | image Contacts @ 20 degrees TCA. 223151 600 600 100
 | Image: mark for the balance of the balance
 | image Contacts @ 20 degrees TCA. 283151 6.00 6.50 50 4.07 image 4.07 image 4.07 image | Image: marking products (2) degrees TCA. Contacts (2) 0 degrees TCA. 283151 6.00 6.00 10
 | Image Contacts @ 20 degrees TCA. 283151 6.00 6.50 7.00 6.01 | Image Contacts @ 20 degrees TCA. 283151 6.00 6.60 6.00 100 < | | | | DUP283149 | 283150 | 5.50 | 6.00 | 50 | 3175 | 3.17 | | | |
| Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283152 6.50 7.00 50 15 0.01 283153 7.00 8.00 100 10 70 10
 | Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.50 7.00 50 15 0.01 M 283143 8.00 9.00 100 10 01 0.01 M 283143 8.00 9.00 100 15 0.01 M 283145 8.00 9.00 100 15 0.01 M 283145 9.00 10.00 160 15 0.01 M 20411 204112 11.00 11.00 100 25 0.03 M 204112 203157 10.00 11.00 11.00 26 0.03 M 204112 2016 2016 11.00 11.00 100 30 0.03 M Autrite Dyke Diorite Dyke - sheared as above. EOH 12.63/2 11.50 12.62 11 12 5 0.01
 | Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.50 7.00 50 15 0.01 Model 283155 8.00 100 10 10 15 0.01 Model 283155 9.00 10.00 100 15 0.01 Model 283155 9.00 10.00 100 25 0.03 Model 283155 9.00 11.00 100 25 0.03 Model Quartz Vini Quartz chlorite veinlet@20 degrees TCA. 283157 11.00 11.00 100 30 0.03 Model Diorite Dyke Inte Dyke - sheared as above. EOH 12.64m 283157 11.50 12.6 85 0.08 Model
 | Diorite Dyke Diorite Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.50 7.00 50 15 0.01 mode mode 283154 8.00 9.00 100 15 0.01 mod mode mode 283154 8.00 9.00 100 15 0.01 mode mode <th>Diorite Dyke Diorite Dyke - sheared - with scattered quartz chorite veinlets. 283153 6.50 7.00 50 15 0.01 in in in 283153 8.00 9.00 100 15 0.01 in in</th> <td>Diorite Dyke Incide Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.50 7.00 800 100 15 0.01 ••• ••• 283154 8.00 9.00 100 15 0.01 0.0 0 0 0 0 0 0 10 10 0 10 0 10 0 10</td> <td>Diorite Dyke Incire Dyke - sheared - with scattered quartz chorite veinlets. 283153 7.00 8.00 100 15 0.01 m m 283155 9.00 100 10 15 0.01 m m m 283155 9.00 10.00
 10 15 0.01 m m m 283155 9.00 10.00 10 25 0.03 m m m 283155 9.00 11.00 10 25 0.03 m m m 2001tb veinlet @ 20 degrees TCA. 283155 11.00 11.00 100 25 0.03 m m m 2001tb Dyke - sheared as above. 283157 11.00 12.52 112 2.52 112 2.01 m m m m</td> <td>Diorite Dyke pointe Dyke - sheared - with scattered quartz chlorite veintek. 283153 6.50 7.00 6.0 1.0</td> <td>Diorite Dyke pointe Dyke sheared - with scattered quartz chlorite veintek. 283153 7.00 8.00 1.00 1.0 <</td> <td>Diorite Dyke pointe Dyke - sheared - with scattered quartz chlorite veintex. 283153 7.00 8.00 100 15 0.01 m m 283163 8.00 9.00 100 15 0.01 10</td> <td></td> <th></th> <td></td> <td>Contacts @ 20 degrees TCA.</td> <td>283151</td> <td>6.00</td> <td>6.50</td> <td>50</td> <td>4065</td> <td>4.07</td> <td></td> <td></td> <td></td> | Diorite Dyke Diorite Dyke - sheared - with scattered quartz chorite veinlets. 283153 6.50 7.00 50 15 0.01 in in in 283153 8.00 9.00 100 15 0.01 in
 | Diorite Dyke Incide Dyke - sheared - with scattered quartz chlorite veinlets. 283153 6.50 7.00 800 100 15 0.01 ••• ••• 283154 8.00 9.00 100 15 0.01 0.0 0 0 0 0 0 0 10 10 0 10 0 10 0 10
 | Diorite Dyke Incire Dyke - sheared - with scattered quartz chorite veinlets. 283153 7.00 8.00 100 15 0.01 m m 283155 9.00 100 10 15 0.01 m m m 283155 9.00 10.00 10 15 0.01 m m m 283155 9.00 10.00 10 25 0.03 m m m 283155 9.00 11.00 10 25 0.03 m m m 2001tb veinlet @ 20 degrees TCA. 283155 11.00 11.00 100 25 0.03 m m m 2001tb Dyke - sheared as above. 283157 11.00 12.52 112 2.52 112 2.01 m m m m
 | Diorite Dyke pointe Dyke - sheared - with scattered quartz chlorite veintek. 283153 6.50 7.00 6.0 1.0 | Diorite Dyke pointe Dyke sheared - with scattered quartz chlorite veintek. 283153 7.00 8.00 1.00 1.0 < | Diorite Dyke pointe Dyke - sheared - with scattered quartz chlorite veintex. 283153 7.00 8.00 100 15 0.01 m m 283163 8.00 9.00 100 15 0.01 10
 | | | | Contacts @ 20 degrees TCA. | 283151 | 6.00 | 6.50 | 50 | 4065 | 4.07 | | | |
| Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 1.00 8.00 100 10 <td>ZB3153 /.00 8.00 100 10 0.01</td> <th>ZB37153 7.00 8.00 100 10 0.01 0 <th0< th=""> 0</th0<></th> <td>Z83135 7.00 8.00 100 10 0.01 no no Z83155 9.00 10.00 10 26 0.01 no no</td> <th>Quartz Vein Quartz Vein Common No Common No</th> <td>Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. Z83155 9.00 100 10 0.01 N N Quartz Vein Quartz Usin 283155 9.00 10.00 100 25 0.03 N N N Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283155 10.00 11.00 100 30 0.03 N N N Diorite Dyke - sheared as above. EOH 12.63m 283156 11.00 11.5 5 <0.01</td> N N <td>Address of the point of the point</td> <td>Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. EX8133 7.00 8.00 100 10 011 0 0 0</td> <td>Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. EQN 12 0.01 0.0<td>Address Address <t< td=""><td>-</td><th>Diorite Dyke</th><td></td><td>Diorite Dyke - sheared - with scattered quartz chlorite veinlets.</td><td>283152</td><td>6.50</td><td>7.00</td><td>50</td><td>15</td><td>0.01</td><td></td><td></td><td></td></t<></td></td> | ZB3153 /.00 8.00 100 10 0.01

 | ZB37153 7.00 8.00 100 10 0.01 0 <th0< th=""> 0</th0<>
 | Z83135 7.00 8.00 100 10 0.01 no no Z83155 9.00 10.00 10 26 0.01 no
 | Quartz Vein Quartz Vein Common No
 | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. Z83155 9.00 100 10 0.01 N N Quartz Vein Quartz Usin 283155 9.00 10.00 100 25 0.03 N N N Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283155 10.00 11.00 100 30 0.03 N N N Diorite Dyke - sheared as above. EOH 12.63m 283156 11.00 11.5 5 <0.01
 | Address of the point | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. EX8133 7.00 8.00 100 10 011 0 0 0 | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. EQN 12 0.01 0.0 <td>Address Address <t< td=""><td>-</td><th>Diorite Dyke</th><td></td><td>Diorite Dyke - sheared - with scattered quartz chlorite veinlets.</td><td>283152</td><td>6.50</td><td>7.00</td><td>50</td><td>15</td><td>0.01</td><td></td><td></td><td></td></t<></td>
 | Address Address <t< td=""><td>-</td><th>Diorite Dyke</th><td></td><td>Diorite Dyke - sheared - with scattered quartz chlorite veinlets.</td><td>283152</td><td>6.50</td><td>7.00</td><td>50</td><td>15</td><td>0.01</td><td></td><td></td><td></td></t<> | - | Diorite Dyke | | Diorite Dyke - sheared - with scattered quartz chlorite veinlets. | 283152 | 6.50 | 7.00 | 50 | 15 | 0.01 | | | |
| 283154 8.00 9.00 100 15 0.01 283155 9.00 10.00 10 26 0.03 283155 9.00 11.00 100 26 0.03 Quartz Vein Quartz chlorite veinlet@20 degrees TCA. 283157 11.00 11.50 50 85 0.08
 | 283154 8.00 9.00 15 0.01 Dot 283155 9.00 10.00 25 0.03 Dot Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 11.00 1100 35 0.03 Dot Diorite Dyke Diorite Dyke. sheared as above. EOH 12.62m 283158 11.50 12 5 -0.01 Dot Dot Dot Dot Dot 11.00 11.00 11.00 11.00 Dot Dot <td< td=""><th>Z83154 8.00 9.00 15 0.01 0.01 Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283155 9.00 11.00 100 30 0.03 9.03 Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.00 100 30 0.03 9.03 Pionlet Discretation of the transformation of th</th><td>ZB3154 8.00 9.00 100 15 0.01 P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 11.00 100 25 0.03 P P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 11.00 11.00 100 25 0.03 P P Diorite Dyke Diorite Dyke- sheared as above. EOH 12.63m 283156 11.50 12.62 112 5 <0.01</td> P P</td<>
 | Z83154 8.00 9.00 15 0.01 0.01 Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283155 9.00 11.00 100 30 0.03 9.03 Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.00 100 30 0.03 9.03 Pionlet Discretation of the transformation of th
 | ZB3154 8.00 9.00 100 15 0.01 P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 11.00 100 25 0.03 P P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 11.00 11.00 100 25 0.03 P P Diorite Dyke Diorite Dyke- sheared as above. EOH 12.63m 283156 11.50 12.62 112 5 <0.01
 | ZB3154 8.00 9.00 100 15 0.01 0 15 0.01 0 16 1 Quartz Vein Quartz Vein Quartz Veinel @ 20 degrees TCA. 283155 10.00 11.00 100 30 0.03 10 1 10 100 30 0.03 10 10 10 100 30 0.03 10 10 10 100 30 0.03 10 10 10 100 30 0.03 10 10 10 100 100 100 100 100 10 <t< th=""><td>Z83154 8.00 9.00 100 15 0.01 P P 201 Quartz vielu Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 100 100 30 0.03 P P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.03 P P Diorite Dyke Diorite Dyke- sheared as above. EOH 12.63m 283158 11.50 12.62 12 5 <0.01</td> P P<td>Quartz Vein Quartz veintet @ 20 degrees TCA. EOH 12.63 9.00 100 15 0.01 0</td><td>Bootie Dyke Dorite Dyke - sheared as above. EOH 12.83154 8.00 9.00 11.00 11.00 100 15 0.01 M
M 20artz Vein Quartz Vein Quartz Prine 283155 10.00 11.00 100 30 0.03 M M M Diorite Dyke Diorite Dyke - sheared as above. EOH 12.83 11.50 11.20 5 <0.01</td> M M M M<td>Bit bit bit bit bit bit bit bit bit bit b</td><td>Quartz Vein Quartz Vein Diorite Dyke Biolite Dyke</td></t<> <td></td> <th></th> <td></td> <td></td> <td>283153</td> <td>1.00</td> <td>8.00</td> <td>100</td> <td>10</td> <td>0.01</td> <td></td> <td></td> <td></td> | Z83154 8.00 9.00 100 15 0.01 P P 201 Quartz vielu Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 100 100 30 0.03 P P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.03 P P Diorite Dyke Diorite Dyke- sheared as above. EOH 12.63m 283158 11.50 12.62 12 5 <0.01
 | Quartz Vein Quartz veintet @ 20 degrees TCA. EOH 12.63 9.00 100 15 0.01 0 | Bootie Dyke Dorite Dyke - sheared as above. EOH 12.83154 8.00 9.00 11.00 11.00 100 15 0.01 M M 20artz Vein Quartz Vein Quartz Prine 283155 10.00 11.00 100 30 0.03 M M M Diorite Dyke Diorite Dyke - sheared as above. EOH 12.83 11.50 11.20 5 <0.01
 | Bit b | Quartz Vein Quartz Vein Diorite Dyke Biolite Dyke | | | | | 283153 | 1.00 | 8.00 | 100 | 10 | 0.01 | | | |
| ZB315b 9.00 10.00 25 0.03 283156 10.00 11.00 100 30 0.03 Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 1150 50 85 0.08
 | ZB3155 9.00 10.00 25 0.03 Diaz Quartz Vein Quartz rchonite veinlet @ 20 degrees TCA. 283156 10.00 11.00 30 0.03 Diaz Diorite Dyke Diorite Dyke Diorite Dyke 11.50 50 85 0.03 Diaz
 | ZB3135 9.00 10.00 25 0.03 P Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283156 11.00 11.00 30 0.03 P Diorite Dyke Diorite Dyke Interfease a shore. EOH 12.63m 283156 11.50 112.6 50 85 0.03 P
 | Ze3135 5.00 10.00 25 0.03 N N Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.03 N N N Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.03 N N N Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283158 11.50 12.62 112 5 <0.01

 | Zest1sb 9.00 10.00 25 0.03 0 1 0 25 0.03 0 1 0 25 0.03 1 0 1 0 25 0.03 1 1 1 1 0 1 0 1 0 1 0 1 0 35 0.03 1 | Z83135 9.00 10.00 25 0.03 N N Quartz Vein Quartz chlorife veinlet @ 20 degrees TCA. 283156 11.00 11.00 50 85 0.03 N N N Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283158 11.50 12.62 112 5 <0.01
 | Admits Dyke - sheared as above. EOH 12.62m 9.00 10.00 100 25 0.03 M M Admits Dyke Quartz chlorife valinlet @ 20 degrees TCA. 283156 11.00 11.00 100
 100 100 100 100 | Image: constraint of the vehicle of the veh | Image: Constraint of the product of the pro | Admits Chlorife value(@ 20 degrees TCA. 283156 10.00 10.0 25 0.03 0 0 0 Quartz Vein Quartz chlorife value(@ 20 degrees TCA. 283156 11.00 10.0 15.00 50 85 0.08 0 </td <td></td> <th></th> <td></td> <td></td> <td>283154</td> <td>8.00</td> <td>9.00</td> <td>100</td> <td>15</td> <td>0.01</td> <td></td> <td></td> <td></td> | | | | | 283154 | 8.00 | 9.00 | 100 | 15 | 0.01 | | | |
| Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.00 100 30 0.03
 | Administration 283156 10.00 11.00 100 30 0.03 District Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 District Diorite Dyke Diorite Dyke Diorite Dyke 11.50 12.62 112 5 <0.01
 | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 11.00 100 30 0.03 Principle Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283158 11.50 12.62 112 5 <0.01
 | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 100 30 0.03 Image: Comparison of the
 | Aurtz Vein Quartz Vein Quartz Vein 0.03 0.03 0.03 0
 | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283155 10.00 10.0 30 0.03 M M Quartz Vein Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.03 M M Diorite Dyke Diorite Dyke - sheared as above. EOH 12.63/m 283158 11.50 12.62 112 5 <0.01
 | Autra Vein Duartz chlorite veinlet @ 20 degrees TCA. E83156 10.00 100 30 0.03 h h Quartz Vein Quartz Veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 6.0 6.0 0.03 h h h Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62/m 283158 11.50 12.62 12 5 <0.01
 | Image: Negative state in the state of the state in the state in the state of the state of the state of the state in the state of the state | Image: Constraint of the | Autra Vein Data choide veinet @ 20 degrees TCA. E33165 10.00 11.00 100 30 0.03 P P Quartz Vein Data activitie veinet @ 20 degrees TCA. E3157 11.00 11.50 15. 50 6.00 P P P Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62/m 233158 11.50 12.62 13.8914 Au 86cm True | | | | | 283155 | 9.00 | 10.00 | 100 | 25 | 0.03 | | | |
| Quartz Vein Quartz chlorite veinlet@ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08
 | Quartz Vein Quartz chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 Diant Diorite Dyke Diorite Dyke Diorite Dyke 11.50 12.62 112 5 <0.01
 | Quartz Vein Quartz chlorite veinlet(@ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 Pione Diorite Dyke Diorite Dyke Diorite Dyke 11.50 12.62 112 5 <0.01
 | Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 m m m Diorite Dyke Diorite Dyke Diorite Dyke Income the sheared as above. EOH 12.63m 283158 11.50 12.62 5 <0.01

 | Quartz Vein Quartz Vein Quartz Vein Quartz Vein 283157 11.00 11.50 50 85 0.08 1 1 1 Diorite Dyke Incire Dyke - sheared as above. EOH 12.62m 11.50 12.62 112 5 <0.01 | Quartz Vein Quartz chlorite veinlet(@ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 <td>Quartz Vein Quartz Vein Quartz Vein Quartz Vein 283157 1.00 1150 50 85 0.08 M M Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283153 11.50 12.62 12 2 <0.01</td> M M
 | Quartz Vein Quartz Vein Quartz Vein Quartz Vein 283157 1.00 1150 50 85 0.08 M M Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283153 11.50 12.62 12 2 <0.01
 | Quartz Vein Quartz Veine (@ 20 degrees TCA. 283157 1100 1150 50 85 0.08 in in Diorite Dyke Diorite Dyke - sheared as above. EOH 12.63m 283158 11.50 12.62 12 5 <0.01 | Quartz Vein Quartz Chlorite veinlet @ 20 degrees TCA. 283157 11.00 11.50 50 85 0.08 9 9 Diorite Dyke Jonite Dyke-sheared as above. EOH 12.63m 283158 11.50 12.62 112 5 <0.01
 | Quartz Vein Quartz rolotie veintet @ 20 degrees TCA. 283157 1100 1156 50 85 0.08 | _ | | | | 283156 | 10.00 | 11.00 | 100 | 30 | 0.03 | | | |
|
 | Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283158 11.50 12.62 112 5 <0.01
 | Diorite Dyke Diorite Dyke Sheared as above. EOH 12.63m 283158 11.50 12.62 112 5 <0.01
 | Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 11.50 12.62 112 5 <0.01 M 4.00 6.50 14.8g/t Au 86cm True

 | Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m/m 11.50 11.2 5 <0.01 | Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 11.50 12.62 112 5 <0.01 Model 4.00 6.50 14.8g/t Au 86cm True
 | Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 11.50 12.62 112 5 <01 M 4.00 6.50 14.3g/t Au 86cm True
 | Diorite Dyke Diorite Dyke - sheared as above. EOH 12.63m 283158 11.50 12.62 112 5 <0.01 Image: True 86cm True | Diorite Dyke Diorite Dyke- sheared as above. EOH 12.62/m 11.50 12.62 112 5 <0.01 Image: Second transmission in the second transmissin transmission in the second transmission in the secon | Diorite Dyke Diorite Dyke sheared as above. EOH 12.6 ² /m 13.50 12.62 13.2 5 <0.01 M M 4.00 6.50 14.8gft Au 86cm True 86cm True </td <td>ľ</td> <th>Quartz Vein</th> <td></td> <td>Quartz chlorite veinlet @ 20 degrees TCA.</td> <td>283157</td> <td>11.00</td> <td>11.50</td> <td>50</td> <td>85</td> <td>0.08</td> <td></td> <td></td>
<td></td> | ľ | Quartz Vein | | Quartz chlorite veinlet @ 20 degrees TCA. | 283157 | 11.00 | 11.50 | 50 | 85 | 0.08 | | | |
| Diorite Dyke Diorite Dyke - sheared as above. EOH 12.62m 283158 11.50 12.62 112 5 <0.01
 |
 |
 | 4.00 6.50 14.8g/t Au 86cm True

 | 4.00 6.50 14.8plt Au 86cm True | 4.00 6.50 14.8g/t Au 86cm True
 | 4.00 6.50 14.99/t Au 86cm True
 | 4.00 6.50 14.8g/t.Au 86cm True | 4.00 6.50 14.8gft Au B6cm True
 | 4.00 6.50 148g/t.Au 86cm True | | Diorite Dyke | | Diorite Dyke - sheared as above. EOH 12.62m | 283158 | 11.50 | 12.62 | 112 | 5 | <0.01 | | | |
|
 |
 | 4.00 6.50 14.89/t.Au 86cm ³
 |

 | |
 |
 | |
 | | | | | | | | | | 4.00 | 6.50 | 14.8g/t Au | 86cm True | |
| 4.00 6.50 14.8gt/z
 | 4.00 6.50 14.8gt Au 86cm T
 |
 |

 | |
 |
 | |
 | | | | | | | | | | | | | | |
| 4.00 6.50 14.8g/L
 | 4.00 6.50 14.8gf Au 86cm T
 |
 |

 | |
 |
 | |
 | | | | | | | | | | | | | | |
| 4.00 6.50 14.891.A
 | 4.00 6.50 14.8df Au 86cm T
 |
 |

 | |
 |
 | |
 | | | | | | | | | | | | | | |
| 4.00 6.50 14.891.A
 | 4.00 6.50 14.86m Ti
 |
 |

 | |
 |
 | |
 | | | | | | | | | | | | | | |
| 4.00 6.50 14.891.A
 | 4.00 6.50 14.86m Ti
 |
 |

 | |
 |
 | |
 | | | | | | | | | | | | | | |
|
 |
 |
 |

 | |
 |
 | |
 | | | | | | | | | | | | 1 . L'UNAN | BT LUG MN-1 | 1-ZU |

		13 EAS31K FAS31K	Au (Calc) Au (Calc)	g/t oz/t														Au 32cm Irue					
		FAG30	Au	g/t												-		2.2g/t /					
TEM		FAA313	Au	g/t	0.01	1.94	0.0	0.05	0.01	0.1	3.52	0.14	0.0>	0.02	0.0>	<0.0>	0.03	8.50					
MAG		FAA313	Au	dqq	10	1945	10	\$ x	15	95	3520	145	\$ \$?	ა <mark>ა</mark>	5	35	7.25					
ROLL			Interval	(cm)	100	STD	100	75	100	125	75	20	100		100	100	125	FAA313					
Reflex DIP			To	(m)	2.00	0.00	3.00	5.00	6.00	7.25	8.00	8.50	9.00	00.01	11.00	12.00	13.25						
rest - Azimuth			From	(m)	1.00	00.0	2.00	3.00	5.00	6.00	7.25	8.00	8.50	0000	10.00	11.00	12.00						
DEPTH DEPTH			Sample		283159	283160	283161	203162	283164	283165	283166	283167	283169	001004	283171	283172	283173						
13.25 CKUWN GOLD CUKP - GEOLUGIC URILL LUG 065 ° - 65 ° S. Franko	Top Rank B Zone		Rock Description	Code	Diorite Dyke - sheared -light grey green, slightly hematized on fractures. Top 1m 1/2 core as holed into previous hole. BC @ 20 degrees TCA.	ORE		Granodiorite - 1cm guartz tourmaline veinlet at 4.64m BC @ 20 deg TCA	Diorite Dyke - sheared -light grey green with tonalite flooding 5.7595m & 7-7.4m	BC @ 20 deg TCA	Quartz chlorite vein 30/70 qtz/cht split banded at 15 degrees TCA.		Diorite Dyke - sheared diorite foliated @ 20 degrees TCA.				EOH 13.25m						
Length: Azimuth: Dip: -ogged by: Dates Logged:	Drilling Co.: Comments:		Rock	Type	Diorite Dyke Sheared			Granodiorite	Diorite Dyke		Quartz vein		Diorite Dyke Sheared										
MK-11-21 L MK-11-21 L 19-Feb-11 / 19-Feb-11 C 5656149N L 439196E D	380 L NQ2 C		To	(m)	4.30			4.85	7.28		8.48		13.25										
Figure 1 Hole#: Start Date: End Date: Northing: Easting:	ELEV Core Size:		From	(m)	0.00			4.30	4.85		7.28		8.48										

								FAS31K		170																		
								FAS31K	AU (Calc)	AIL									40cm True	40Cm I Lue								
								FAG303	Hu to	212									o Talk A.	o./g/r Au								
								FAA313	Au 4/2	<0.01	0.08		0.09	7.36	0.03	0.02		8.41	00 0	2.30								
		DAM						FAA313	had	-55 2	80		95	7365	30	25	0.000	8405	010	7.10								
		RULL							(cm)	95	115		40	40	06	70	240	SID	EA A242	FAA313								
	Reflex							ļ	01 (m)	0.95	2.10		2.50	2.90	3.80	4.50	0.00	0.00										
	EST -								(m)	0.00	0.95		2.10	2.50	2.90	3.80	0.00	0.00										
	DOWNHOLE T								ampie	283174	283175		283176	283177	283178	283179	000000	283180										
CROWN GOLD CORP - GEOLOGIC DRILL LOG	4.50 m	- 76 o - 75 o	S Franko	Feb 21 2011	Top Rank	B Zone		a straight and a straight and a straight and a straight		Sheared diorite dyke moderately hematized in vuggy fractures	Granodiorite - lower contact friable and hematized	Sheared diorite dyke - light grey green, aphanitic	Quartz chlorite vein with hematite, highly fractured. Contacts @ 30 degrees TCA.		Sheared diorite dyke as above.	Milky quartz vein with hematite in vugs. BC @ 30 degrees TCA.		Sheared diorite dyke with elongated qtz & plag phenocrysts OKEAS 62C										
	ngth:	:unuu:		tes Logged:	lling Co.:	mments:			TYDE	liorite Dyke	iranodiorite	Niorite Dyke	Quartz Vein		Niorite Dyke	Quartz vein		liorite Dyke										
Kenzie Island	MK-11-22 Let	20-Feb-11 Din	10 100 102	439196E Dat	380 Dri	NQ2 Col		ł	01 (m)	0.95	1.60 G	2.10 E	2.85 6		3.85 D	4.30 0		4.50 L										
Project: Mc	Hole#:	End Date:	Northing.	Easting:	ELEV	Core Size:		L	IIIOII	0.00	0.95	1.60	2.10		2.85	3.85		4.30										

26/03/2013

Page 1 of 1

Crown BH LOG MK-11-22

[111]

										FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t			47.93						0100	2.12						22.9g/t Au 53cm True	17.7g/t Au 36cm True	8.1g/t Au 224cm True								Crown RH LOG MK_11_23
Γ		TEMP								FA313	Au	g/t	0.05	0.13	>10	0.11	<0.01	<0.01	<0.01	0.60	200	0 22	0.47	0.17	0.06	0.54	0.05	2.90	7.25	7.25								
		MAG								FAA313 F	Au	dqq	50	135	>10000	115	ч	\$2	10	E7E	70000	9225	470	0/1	60	535	45	2.40	6.40	2.40								
		ROL									Interval	(cm)	150	06	50	55	55	100	100	40	10	45	100	001	100	150	150	FAG303	FAG303	FAG303								
Defloc	Ketlex	did				Ī					То	(m)	1.50	2.40	2.90	3.45	4 00	5.00	6.00	6 40	0.40	7.25	0.05	C7.0	8.25	9.75	11.25	AA313 &	AA313 &	AA313 &								
Let L	- 10	AZIMITH									From	(m)	0.00	1.50	2.40	2.90	3 45	4.00	5 00	00.0	0.00	6.80 6.80	7 76	C7.1	7.25	8.25	9.75	ш	ш	Ľ								
		DEPTH							_		ample		283181	283182	283183	283184	283185	283186	283187	202100	203100	283190	202104	203191	283192	283193	283194											
CROWN GOLD CORP - GEOLOGIC DRILL LOG	Ш (2711)	062 °	2 OC-	Franko	Eeh 21 2011		p rank	Zone			ock Description	ode	Sheared diorite foliated @ 25 degrees TCA.	Granodiorite with 8cm inclusion of sheared diorite	Sheared diorite - highly fractured very friable and hematized.	Quartz vein with hematite and chlorite inclusions. TC @ 30 degrees TCA.	Sheared diorite with scattered vuodov duartz vainlets and hematite	concentrated 3.5-4m			······································	Guaric verif-top contact ground away. Solid filling write qiz with fire chilofite patinitys Fine chilsters of overte and chalconverte noted @ 6.6.7m BC @ 75 degrees TCA	Phonod diation foliated @ 75 decessor TOA DO manu (contrast and homoticad	Sheared diorite - rollated @ 23 degrees I CA. BC vuggy, tractured and nematized.	DUP28319.		Hybrid granodiorite - typical dome stock with dm scale xenoliths of mafic volcanics EOH 11.25m											
	-	th.		d bv: S.	-poppo	Logyeu.	1 co.:	ients: B.			Rock R	ype C	te Dyke	odiorite	te Dvke	rtz Vein	te Duke						the Durke	Ite Uyke			ybrid odiorite											
zie Island	TI-23 Lengtr	h-11 Azimut	 eD-11 DID:	5149N Logaet	196F Dates I	200 Duilling	380 Drilling	NQ2 Comm			2	-	0 Diori	0 Gran	0 Diori	8 Quar	Diori				0	- Cua.	incid			_	25 H											
Project: McKen:	HOIE#: MIK-	Start Date: 20-F	End Date: 20-F	Northina: 5656	Fasting 430	EI EV	C DI	Core Size:			From Tc	(m)	0.00 1.5	1.50 2.4	2.40 2.9	2.90 3.3	3 38 6.4				01 0	7.1 04.0	10 001	1.8 02.1			9.75 11.											100100100

							FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t			18.65			10.46													7.6g/t Au 90cm True						Crown BH LOG MK-11-24
	TEMP						FAA313	Au	g/t	<0.01	0.04	>10	0.19	1.96	>10	0.15	0.12	0.02	<0.01	<0.01	<0.01	0.1	0.07	<0.01	<0.01	<0.01	<0.01	4.30						
	MAG						FAA313	Au	bpb	22 Q2	40	>10000	195	1955	>10000	155	125	20	<5	<5	<5	100	70	<5	<5	<5	<5	2.50						
	ROLL				T		2	Interval	(cm)	100 125	25	50	50	STD	40	40	20	100	100	100	125	30	105	BLANK	100	100	103	FAG303						
Reflex	dID							To	(m)	1.00	2.50	3.00	3.50	0.00	3.90	4.30	5.00	6.00	7.00	8.00	9.25	9.55	10.60	0.00	11.60	12.60	13.63	FAA313 &						
EST -	AZIMUTH		T				-	From	(m)	0.00	2.25	2.50	3.00	0.00	3.50	3.90	4.30	5.00	6.00	7.00	8.00	9.25	9.55	0.00	10.60	11.60	12.60							
DWNHOLE TI	DEPTH	-						ample		283195 283196	283197	283198	283199	283200	283201	283202	283203	283204	283205	283206	283207	283208	283209	283210	283211	283212	283213							
CROWN GOLD CORP - GEOLOGIC DRILL LOG 13.63 m	062 °	-55 °	. Franko Feb 31 2011		Zone		5-	Rock Description	tode	Sheared diorite - light grey/green, aphanitic	Granodiorite - grey and black with slight orange/pink colour.	Quartz chlorite vein - brecciated and remobilized with subrounded elongated	quartz clasts encased in chlorite noted. Quartz vein @ 30 degrees TCA.	OR			Sheared diorite - with scattered sheared quartz chlorite veinlets	between 9.35-9.5m with pyrite and chalcopyrite on partings.								Granodiorite - grey to pinkish grey with black biotite. Top 40 cm remobilized	to aphanitic texture. EOH 13.63m							Dage 1 of
÷		č	S.	Seu.	BZ			Å.	ŭ	Jyke	orite	/ein					yke								_	orite	_							
sland 4 Length:	1 Azimuth:	1 Dip:	N Logged by Dates Log	Drilling Co	2 Comments			Rock	Type	Diorite D	Granodic	Quartz V					Diorite D									Granodic								
McKenzie Is MK-11-24	20-Feb-1	20-Feb-1	56561491 430106F	1951 504	NON N	[To	(m)	2.25	2.55	4.30					11.60									13.63								2013
Project: Hole#:	Start Date:	End Date:	Fasting:	EI EV	Core Size:			From	(m)	00.0	2.25	2.55					4.30									11.60								24/03/

[113]

								EAG303 EAS31K EAS31K	FAG303 FA33IN FA33IN	Au Au (Calc) Au (Calc)	g/t g/t oz/t								28.63															23.2g/tAu 79cm True				Crown BH LOG MK-11-25
		TEMP	12.7					EA A 3 1 3	LAA313	Au	g/t	<0.01	<0.01	<0.01	0.06		<0.01		>10	7.92	0.13	0.27	0.08	0.01	0.23	<0.01	<0.01	0.12	0.02	0.04	<0.01	<0.01		7.80				l
		MAG	5828					EA 4313	LAA313	Au .	qdd	<5	<5	<5	55		10		>10000	7915	135	270	75	15	230	<5	s5	125	15	40	<5	<5		6.30				l
		ROLL	221.8							Interval	(cm)	115	G11	120	75		125		80	STD	80	70	120	100	100	120	80	75	70	70	115	20		FAG303				l
	Reflex	DIP	-58.6						,	0	(m	1.15	2.30	3.50	4.25		5.50		6.30	0.00	7.10	7.80	9.00	10.00	11.00	12.20	13.00	13.75	14.45	14.45	15.60	15.80		FAA313 &				l
	TEST -	AZIMUTH	062.0							From	(m	0.00	GL.1	2.30	3.50		4.25		5.50	0.00	6.30	7.10	7.80	9.00	10.00	11.00	12.20	13.00	13.75	13.75	14.45	15.60						l
	OWNHOLE T	DEPTH	10m							ample		283214	G12582	283216	283217		283218		283219	283220	283221	283222	283223	283224	283225	283226	283227	283228	283229	283230	283231	283232						l
CROWN GOLD CORP - GEOLOGIC DRILL LOG	16.80 m	062 °	-59 °	S. Franko	Feb 21 2011	Top Rank	3 Zone			Rock Description	Code	Sheared diorite foliated @ 30 deg TCA. 2cm very fine grained light grey chilled vein	at 0.43m Highly sheared aand triable, oxidized and hematized 2-2.6m.	BC @ 30 deg TCA.	Granodiorite-vuggy and oxidized near top contact. 5mm qtz tourmaline vein. BC 25	Sheared diorite as above.	Tonalite - pegmatoidal silicified khaki yellow colour , contacts @ 20 deg TCA	Sheared diorite - as above - BC highly fractured	Quartz chlorite vein 25/75 split with sheared diorite inclusions	OREAS 62C			Sheared diorite as above - foliated @ 30 deg TCA				Chlorite vein with quartz partings and fine deseminated sulfides. Contacts @ 25 deg	Sheared diorite dyke as above.	Chlorite vein with quartz partings and fine deseminated sulfides and tourmaline.	DUP283229	Sheared diorite dyke with scattered quartz chlorite veinlets as noted; 14.95-15.05m	& 15.42-15.5m parallel to BC @ 25 degrees TCA	Granodiorite - slightly pinkish grey with black specks and hairline fracture infill. EOH 16.80m					Page 1 of 1
and	Length:	Azimuth:	Dip:	Logged by:	Dates Logged:	Drilling Co.:	Comments:			Kock	I ype	Diorite Dyke			Granodiorite	Diorite Dyke	Tonalite vein	Diorite Dvke	Quartz Vein				Diorite Dyke				Chlorite Vein	Diorite Dyke	Chlorite Vein		Diorite Dyke		Granodiorite					
McKenzie Isla	MK-11-25	20-Feb-11	20-Feb-11	5656149N	439196E	380	NQ2		,	<u>o</u> (Ē	3.54			4.25	4.85	5.15	5.55	7.80				12.25				12.90	13.35	14.40		15.55		16.80					 5102
Project:	Hole#:	Start Date:	End Date:	Northing:	Easting:	ELEV	Core Size:			From	Œ	0.00			3.54	4.25	4.85	5.15	5.55				7.80				12.25	12.90	13.35		14.40		15.55					02/04

[114]

									TACORT FACATU	-AG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t													11.83						g/tAu 18cm I rue	g/tAu 30cm True											
Γ	 IEMP								-	A313 F	Au	g/t	<0.01	<0.01	4 58	90.0	0000	<0.01	0.01	0.00	1 95		0.00	01.1	01<	0.22	<0.01	0.27	0.63		2.50 4.6	6.00 6.6											
	 MAG									AA313 FA	Au	bpb	<5	<5	4580	5	8	<5	10	95	1960		1005	0000	>1000	220	10	270	630		2.15	5.40											
	 KOLL			0						-	Interval	(cm)	85	130	35	40	2	95	75	30	STD		00	000	00	50	50	100	100		-AA313	FAG303											
Reflex	din										То	(m)	0.85	2.15	2.50	00 0		3.85	4.60	4 90	000		0.40	01.0	0.00	6.50	7.00	8.00	9.00			FAA313 &											
EST -	 AZIMUTH										From	(E)	0.00	0.85	2.15	2 50		2.90	3.85	4 60	0.00	100	4.30		0/.6	6.00	6.50	7.00	8.00														
OWNHOLE T	 DEPTH										ample		283233	283234	283235	283236		283237	283238	283239	283240	1000044	142002	202242	C+7C07	283244	283245	283246	283247														
CROWN GOLD CORP - GEOLOGIC DRILL LOG	o 750	-45 °	S. Franko	Eeh 31 2011		lop Kank	B Zone			1-	Rock Description		Granodiorite - sheared/banded @ 50 deg TCA, fine sulfides noted	Sheared diorite dvke - medium grev/white. foliated @ 30 degrees TCA.	Quartz - kspar vein. pegmatoidal with chlorite inclusions. Oxidized	Cheared diorite duke - medium grav/white TC @ 35 dag BC @ 40 dag TCA	Tonalite vein - verv fine grained. replacement texture parallel to altered contacts.	Diorite dyke with brecciated quartz fractures and veinlets and flooding.	Chlorite seament 4.6-4.9m		OBF		Durate ablanta vala 40/60 antit aluatara af fina docominatad aveito noor	The and aviding value year to also applie dualed s of this description pyrite freat		Sheared diorite dyke - mod oxidized, foliated @ 30 deg, BC cht & sheared	Granodiorite - grey/white & salmon pink & black, qtz/k-spar/plag/biotite	with pyrite and chalcopyrite.	EOH 9.00m	-													
and Lenath:	 Azimuth:	Dip:	Logged by:	Datas Londod.	Dates Logged.	Drilling Co.:	Comments:				Rock		Granodiorite	Diorite Dyke	Otz/feld vein	Diorita Duka	Tonalite Vein	Diorite Dyke					Ot- Cht Voin			Diorite Dyke	Granodiorite																
McKenzie Isl MK-11-26	20-Feb-11	20-Feb-11	5656149N	1201065	Joelect	380	NQ2				To		0.85	2.20	2.48	2 58	2.90	5.43					5 00	0000		6.75	9.00																
Project: Hole#:	 Start Date:	End Date:	Northing:	Eacting.	-Gunepu	ELEV	Core Size:				From		0.00	0.85	2.20	2 48	2.58	2.90					E 42	2		5.98	6.75																

		LP C	5		T	Г	T	T	7	13 FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t	4	5			2		4	4	4	0	5				4	2	H	s 3 fult Au 32cm True						
		G TEN	9 20.					+		13 FAA3	Au	g/t	<0.0>	0.0	<0.0>	0 3.4	0.0	0.0	0.4	<0.0×	<0.0>	0.0	0.0	0.0	5 7.9	0.0	<0.0>	0.0	<0.0>	0 25						
		- MA	585					╞		FAA3	al Au	ppt	<2 2	55	K <5	345	15	20	445	\$	22	20	55	25	795	15	\$	60	<5	3 20						
		ROLL	73.7								Interva	(cm)	6	110	BLAN	55	45	50	50	100	140	60	100	100	STD	65	85	80	122	FAA31						
	Reflex	DIP	-49.3								₽	(u)	06.0	2.00	00.00	2.55	3.00	3.50	4.00	5.00	6.40	7.00	8.00	9.00	0.00	9.65	10.50	11.30	12.52							
	TEST -	AZIMUTH	052.8								From	(m)	0.00	06.0	0.00	2.00	2.55	3.00	3.50	4.00	5.00	6.40	7.00	8.00	0.00	00'6	9.65	10.50	11.30							
	OWNHOLE '	DEPTH	7m								ample		283248	283249	283250	283251	283252	283253	283254	283255	283256	283257	283258	283259	283260	283261	283262	283263	283264							
CROWN GOLD CORP - GEOLOGIC DRILL LOG	2.52 m	053 °	° 67-	Tranko	Feb 21 2011	, Rank	ODE				Description	bde	Sheared diorite- light grey, aphanitic foliated @ 25 deg TCA	Granodiorite - sheared, highly fractures. BC oxidized @ 35 deg TCA	SILIC	Quartz vein with chlorite - 80/20 split. TC vuggy & oxidixed BC @ 35 deg TCA	Sheared diorite- light grey, cm scale displacement noted at 3m highly fractured	& oxidized through top 2m. Convoluted quartz veinlets with chlorite	partings 3.5267m			Chlorite vein with minor guartz partings @ 35 deg TCA	Sheared diorite dyke with fine sulfides 8.6-8.7m foliated @ 40 deg TCA.	BC sheared and oxidized.	OREAS 62		Hybrid granodiorite - typical dome stock with dm scale mafic volcanic xenoliths.	BC @ 40 deg TCA	Diorite - marginal phase-med grey aphanitic with white & grey feld & qtz phenocrysts							
	1			S.F	aed:	Ton Ton	S: B7				< Ro	° °	ke	ite		.c	ke					ein	ke				P	orite	rg.							
land	7 Length:	1 Azimuth:	1 Dip:	V Logged by	E Dates Log	0 Drilling Co	2 Comments				Rock	Type	Diorite Dy	Granodior		Quartz Vei	Diorite Dy					Chlorite V	Diorite Dy				Hybri	Granodi	Diorite Ma	Č.						
McKenzie Is	MK-11-2	20-Feb-1	20-Feb-1	5656149	439196	38	CN CN	2			To	(m)	0.90	2.02		2.53	6.45					6.95	9.60				11.30		12.52							
Project:	Hole#:	Start Date:	End Date:	Northing:	Easting:	FIEV	Core Size:	-0710 0170			From	(m)	0.00	06.0		2.02	2.53					6.45	6.95				9.60		11.30							

							FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t				-																												Crown BH LOG MK-11-28	
		TEMP	12.7				FAA313	Au	g/t				1001	10.02	<0.01	<0.01	1.35	<0.01	0.06	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	0.06	0.16	0.05	0.01	<0.01	<0.01	<0.01	<0.01	0.01	8.51	0.06	<0.01	<0.01		
		MAG	5827				FAA313	Au	dqq				4	9	¢>	<5	1350	<5	60	20	<5	<5	<5	40	<5	<5	<5	60	160	55	15	<5	5	<5	<5	15	8510	65	<5	<5		
		ROLL	51.9					Interval	(cm)				40	04	ρq	50	STD	50	100	100	100	75	80	45	110	65	BLANK	40	50	50	85	100	100	100	100	100	STD	100	75	25		
	Reflex	DIP	-49.8					To	(m)				15.40	04.01	10.00	16.50	0.00	17.00	18.00	19.00	20.00	20.75	21.55	22.00	23.10	23.75		24.15	24.65	25.15	26.00	27.00	28.00	29.00	30.00	31.00	0.00	32.00	32.75	33.00		
	EST -	AZIMUTH	083.3					From	(m)				15.00	10.00	04.01	16.00	00.00	16.50	17.00	18.00	19.00	20.00	20.75	21.55	22.00	23.10	0.00	23.75	24.15	24.65	25.15	26.00	27.00	28.00	29.00	30.00	0.00	31.00	32.00	32.75		
	OWNHOLE T	DEPTH	29m					ample					751280	104000	283438	283439	283440	283441	283442	283443	283444	283445	283446	283447	283448	283449	283450	283451	283452	283453	283454	283455	283456	283457	283458	283459	283460	283461	283462	283463		
CROWN GOLD CORP - GEOLOGIC DRILL LOG	35 m	83 °	50 °	anko	Feb 22 201			k Description	6	Glacial Till - poorly sorted sandy cobble boulder till	Diorite - marginal phase, dark aphanitic groundmass with pale plag phenocrysts	Apalite - pink k-spar with graphic texture near top contact	Diorite - marginal phase, as above		Diorite ayke - meaium olive green with white plag + qtz phenocrysts,	sheared and remobilized @ 25 deg TCA.	OREAS		Granodiorite - sheared, highly silicified, microfractured with chlorite infill.					Sheared diorite dyke - top 20cm qtz flooded with chlorite on shear planes that	stretch from 30 down to 15 deg TCA. BC @ 30 deg TCA.		SIL		Quartz chlorite vein 85/15 with convoluted banding. Contacts @ 30 deg TCA.	Sheared diorite dyke - as above, highly silicified with scattered chlorite	partings displaying sulfides.						OREAS 6	Chlorite & sulfides at 31.5m		2cm qtz chlorite veinlet at 32.8587m @ 25 degrees TCA	Dana 1 of 2	- · · · · · · · · · · · · · · · · · · ·
		0		S. Fr	:pe	B Zol		Roc	Coc		rg	. <u> </u>	rg		ke				ite					ke				_	.5	ke										_		
pue	Length:	Azimuth:	Dip:	Logged by:	Dates Logge	Comments:		Rock	Type	II	Diorite mai	Apalite Ver	Diorite ma.		Diorite Dyi				Granodiori					Diorite dyl					Quartz Vei	Diorite dyk												
McKenzie Isla	MK-11-28	20-Feb-11	20-Feb-11	5656151N	439187E	NO2		To	(m)	3.09	6.85	8.10	15.40	100	00.71				21.57					24.15					24.60	35.00											2013	2012
Project:	Hole#:	Start Date:	End Date:	Northing:	Easting:	Core Size:		From	(m)	0.00	3.09	6.85	8.10	11 10	15.40				17.00					21.57					24.15	24.60											02/04/2	

[117]

Au (caic)		
Au (caic)		25cm True
Ч		
<0.01	<0.01	
al Au	<5	
00 100	00 100	
00 34.0	00 35.0	
164 33.0	165 34.0	
28346 28346	28346	
liondineen		
	1 35m	
NOCK	EOH	
NOCK		
2		
HIOL		

							EACONS EACONV EACONV	Au Au (Calc) Au (Calc)	alt alt ozlt													<0.01	18.79 16.14	0.04	0.04	0.08	çç		0.5		49.7 117.64	0.1	-	Crown BH LOG MK-11-29	
	TEMD		1.1.1	0.11			CFCV V.	A113	a/t			<0.01	0.01	0.17	0.03	0.17	0.11	0.09	0.03	<0.01	0.03	0.01	>10	0.03	0.06	0.25	1.89	000	0.13	<0.01	>10	0.16			l
		DEIN	2034	0000				A11	qaa			<5	10	165	30	165	110	95	35	<5	25	10	>10000	25	55	245	1890	8	130	<5	>10000	165			l
	- 100	A47.4	11/.4	100.0				Interval	(Cm)			100	85	35	80	100	100	100	50	50	50	45	40	60	60	100	STD 60	8	30	BLANK	20	30			l
	Ketlex		41.8	-41.0				P	2 (m)			11.00	29.85	30.20	31.00	32.00	32.00	35.00	42.85	43.35	43.85	44.30	44.70	45.30	45.90	46.90	0.00		66.30	0.00	66.50	66.80			l
	A TIMITU	U I NII TH	241.0	241.3				Erom	(m)			10.00	29.00	29.85	30.20	31.00	31.00	34.00	42.35	42.85	43.35	43.85	44.30	44.70	45.30	45.90	0.00		66.00	0.00	66.30	66.50			l
			mc1	LIICO				olomo				283265	283266	283267	283268	283269	283270	283271	283272	283273	283274	283275	283276	283277	283278	283279	H283280 283281		307019	307020	307021	307022			l
CROWN GOLD CORP - GEOLOGIC DRILL LOG	/1.33 m	240 - 240 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200		. FTATIKO Fah 22 2011	op Rank	Zone		Bock	Code	Glacial till - poorly sorted sandy cobble boulder till.	Diorite - marginal phase - dark green/black aphanitic with0.5-5mm plag & ntz nhenocrysts motified annearance in semments. Fine mained olive meen	chiled mafic dyke slightly magnetic 10.15-10.94m	Diorite - fine grained with scattered hairline quartz fractures.	Quartz chlorite vein 30/70 split, fine sulfides noted, contacts @ 60 deg TCA	Sheared diorite dyke - scattered patches of pyrite, pyrrhotite and chalcopyrite	noted 29.75-30m & 32-35m	DUP28320					Quartz chlorite vein 70/30 split, brecciated qtz fragments 44.2-44.27m, oxidized	44.5565m milky opaque quartz with green tinges, contacts @ 55 degrees TCA.	Granodiorite - sheared & brecciated, grey & white with fine sulfides near BC.	BC gradational into footwall	Hybrid granodiorite - medium to dark pink and grey with black specks and dm scale	xenoliths of mafic volcanics.			SILIC	2cm qtz vein @ 45 deg + pyr + galena + VG @ 66.40-66.42m, 5mm stringer 66.35m		EOH 71.33m	Pane 1 of 2	
	igth:	-innu		as Lonned.	ling Co.: 7	ments: A		Bock	Type	Till	iorite marg.		iorite Dyke	tz/cht vein	iorite Dyke							Itz/cht vein		ranodiorite		Hybrid	ranodiorite								
Kenzie Island	MK-11-29 Lei	ALLEN-11 AL	din 11-094-17	13020122N LO	368 Dril	NQ2 Col		L.	2 (1)	9.00	28.85 D		29.90 D	30.15 C	43.86 D				 			44.69 G		45.90 G		71.33							_	13	
Project: Mc	:#elot	Tail Dale.	End Date:	Fasting:	ELEV	Core Size:		Erom	(m)	0.00	9.00		28.85	29.90	30.15							43.86		44.69		45.90								02/04/20	

[119]



[120]

								EAC202 EAS21K EAS21K	A.: A.: (Cala) A.: (Cala)		Art 8/1 02/1												24.14	12.41										12.2a/t Au 77cm True		Crown BH LOG MK-11-30	
	TEMD	EMP	10.7	12.4				EA A 242	A4313	nv -	8/1					<0.01			0.07	<0.01	0.04	0.12	>10	>10	0.07	<0.01	0.11	0.03	0.04	0.09	0.05	000		52.27		l	
		MAG	5836	5826				EA 4342	AA313		ndd					<5			70	<5	35	120	>10000	>10000	75	<5	110	30	40	06	150	2 F		51.27		I	
	- 100	KOLL	126.6	109.1					lat an advert	Interval	(cm)					50			50	30	117	33	33	34	50	BLANK	60	63	50	50	100	201		FAG303		I	
	Kerlex	DIP	-58.6	-57.9					To	2	(III)					24.60			49.80	50.10	51.27	51.60	51.93	52.27	52.77	0.00	53.37	54.00	54.50	55.00	57 00	00.10		FAA313 &		I	
	- 191	AZIMUTH	244.6	246.4					Erom	11011	(III)					24.10			49.30	49.80	50.10	51.27	51.60	51.93	52.27	00:0	52.77	53.37	54.00	54.50	56.00	00.00				l	
		DEPIH	15m	54m						aldune						283282			283283	283284	283285	283286	283287	283288	283289	283290	283291	283292	283293	283294	283295					l	
CROWN GOLD CORP - GEOLOGIC DRILL LOG	m 10.80	245 9	-58 °	S. Franko	Feb 23 2011	Top Rank	A 20ne		Deck		Clocial till - months control condu solution bouilder till		Granodiorite - homogenous dome stock, medium grained, orange/pink/grey with black biotite	Mafic vein - fine grained dk olive green, finely laminated @30 deg TCA. BC sheared	Diortite - marginal phase - dark apranitic groundmass with plag & qtz phenocrysts Granodiortie flooding from 10.85-11.35m, 1.5cm apalite vein at 12.25m	24.35-24.55 brecciated pegmatoidal quartz and plagioclase	Hybrid granodiorite - with mafic volcanic xenoliths	Diorite dyke - light to medium grey with scattered hairline quartz fractures.	Oxidized parting at 36.2m. 3cm qtz veins at 49.84m & 50.07m			Quartz vein with chlorite partings 85/15 split at 50 deg TCA.			Granodiorite - sheared, ptrite & chalcopyrite noted.	SILICA			Hybrid granodiorite - with mafic volcanic xenoliths		Diorite dyke - light to medium grey		Hybrid granodiorite - with mafic volcanic xenoliths EOH 59.07m			Page 1 of 1	
T	:ungue:	zimuth:	:d	ogged by:	ates Logged:	rilling Co.:	omments:		Dock	NOCH H	Till		Granodiorite	Mafic vein	Diorite marg.		Hybrib Granodiorite	Diorite Dyke				Quartz vein			Granodiorite				Hybrid	Granodiorite	Diorite Duke		Hybrid Granodiorite				
IcKenzie Islant	20 L-L-11-30 L4	22-Feb-11 A	22-Feb-11 D	5656122N L4	439256E D	368 D	NUZ		4. T	2	(III)	0.00	9.35	10.10	26.50		31.75	51.28				52.23			54.00				56.25		57 75		59.07			2013	
Project: N	Hole#:	Start Date:	End Date:	Northing:	Easting:	ELEV	Core Size:		Leom		(m)	0.00	8.00	9.35	10.10		26.50	31.75				51.28			52.23				54.00		56.25	2	57.75			02/04/2	

								FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t														0.05	012	<0.01										0.1 g/t Au 41cm True	Crown BH LOG MK-11-31	
ſ	IEMP	13.5	9.5					FAA313	Au	a/t			<0.01	0.02	<0.01	<0.01	<0.01	1.62	0.03	0.04	0.05	000	0.00	10.02	0.14	0.08	0.01	<0.01	<0.01	<0.01	0.11	0.08	0.07	0.04		44.65		l
	 MAG	5830	5823					FAA313	Au	daa			10	20	<5	<5	<5	1625	25	40	45	00		ę v	145	85	15	<5	10	<5	110	85	70	35		44.2		l
	 KULL	265.0	263.6						Interval	(cm)			75	50	55	70	100	STD	100	50	30	100		30	45	35	100	BLANK	100	85	30	50	50	50		FAS31K		l
Defloy	allo 9.05	-49.0	-49.1						To	(m)			28.25	28.75	29.30	30.00	31.00	0.00	32.00	39.50	40.80	00.01	43 00	44 20	44.65	45.00	46.00	0.00	47.00	47.85	48.15	48.65	49.15	49.65		:AA313 &		l
ECT -	 AZIMUTH	247.3	249.3					1	From	(m)			27.50	28.25	28.75	29.30	30.00	0.00	31.00	39.00	40.50	0000	42.00	43.90	44.20	44.65	45.00	0.00	46.00	47.00	47.85	48.15	48.65	49.15				l
	DEPIH	15m	47m	-				2	ample				283355	283356	283357	283358	283359	283360	283361	283362	283363	100000	283365	283366	283367	283368	283369	283370	283371	283372	283373	283374	283375	283376				l
CROWN GOLD CORP - GEOLOGIC DRILL LOG	248 0	- 5 4 -	ranko	Feb 25 2011) Rank	one			Description	de	Glacial Till - poorly sorted sandy cobble boulder till	Hybrid granodiorite - dome stock with mafic xenoliths, scattered fine grained grey	green mafic dykes at 20.6797@50 deg,23.86-24.36m @ 60 deg, BC @ 40 deg TCA	Intermediate vein - dark aphanitic groundmass finely fractured and highly silicified,	fine pyrite throughout. BC @ 60 deg TCA	Quartz diorite dyke - fine grained with 1-2% deseminated pyrite throughout scattered	hairline quartz fractures.	OREAS H			fault zone 40.5-41.2m highly fractured & oxidized & pyrite				Quartz chlorite vein 50/50 split milkv quartz @ 65 deg TCA	Diorite Dyke - fine arained medium arev with fine irregular hairline guartz fractures.	BC irregular @ 40 deg TCA	SILIC			Granodiorite - sheared and remobilized brecciated groundmass with fine sulfides	Hybrid granodiorite - typical dome stock with dm scale mafic volcanic xenoliths			EOH 53m		Pare 1 of 2	4 55 - 5005 -
Island	-11 Azimuth:	-11 Dip:	32N Logged by: S. I	55E Dates Logged:	368 Drilling Co.: Top	IQ2 Comments: A Z		00 00	Rock Ro	Type Co	Till	Hybrid	Granodiorite	Intermediate	Vein	Diorite Dyke	2								Otz/cht vein	Diorite Dvke					Granodiorite	Hybrid	Granodiorite					l
Project: McKenzie	Start Date: 23-Fet	End Date: 23-Fet	Northing: 56561;	Easting: 4392	ELEV	Core Size:			From To	(m) (m)	0.00 9.00	9.00 28.28		28.28 29.26		29.26 44.22				 	 				44.22 44.65	44.65 47.85					47.85 48.20	48.20 53.00					02/04/2013	



								FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t			1.12	0.53	0.16		20.23 20.5	0.24	0.16	<0.01	<0.01																Crown BH LOG MK-11-33	
ſ		TEMP	R. 1	0.1	Ι			AA313	Au	g/t			1.23	0.49	0.16	8.31	>10	0.23	0.22	0.01	0.02	<0.01	10.02	0.03	0.04	0.06	0.04	0.02	<0.01	0.04	<0.01	<0.01	<0.01	0.02	2.01	<0.01		
		MAG	0.000	5820				FAA313 F	Au	dqq			1230	485	155	8310	>10000	235	220	10	15	10	24	30	40	60	45	20	<5	40	<5	<5	<5	20	2010	<5		
		ROLL	C.UC2	71.1					Interval	(cm)	20 - 120 - 00		50	50	100	STD	50	50	50	45	105	60	35	35	35	50	100	100	50	50	50	40	35	75	STD	100		
4	Ketlex	an of the	41.0	-47.6					To	(m)			36.50	37.00	38.00	0.00	38.50	39.00	39.50	39.95	41.00	41.60	41.30	42.50	42.50	43.00	44.00	45.00	45.50	46.00	46.50	46.90	47.25	48.00	0.00	49.00		
101	ESI -	AZIMUTH	4.102	258.4					From	(m)			36.00	36.50	37.00	0.00	38.00	38.50	39.00	39.50	39.95	41.00	41.00	42.15	42.15	42.50	43.00	44.00	45.00	45.50	46.00	46.50	46.90	47.25	0.00	48.00		
	OWNHOLE	DEPTH	HCL 1	26m					ample				283377	283378	283379	283380	283381	283382	283383	283384	283385	283386	283388	283389	283390	283391	283392	283393	283394	283395	283396	283397	283398	283399	H283400	283401	8	
CROWN GOLD CORP - GEOLOGIC DRILL LOG	0 m	88 °		anko Fah 25 2011	ted 20 2011 Gank				Description	a	Glacial Till - poorly sorted sandy cobble boulder til	Hybrid granodiorite - typical dome stock with dm scale mafic volcanic xenoliths Chlorite fracture at $25 \mathrm{m} \circledast 10$ deg TCA				OREAS 62	POSSIBLY LAB/SAMPLING ERROR 283381 actually 283384??			Quartz vein - milky micro brecciated with cm scale ch;lorite fractures with pyrite	Diorite - fine grained, light =medium grey highly silicified in segments.	Quartz chlorite veinlet 41.95-42.05m @ 70 deg TCA. Highly irregular fractured	areas with quark. Ithin.		DUP28336					Quartz vein - dirty quartz with specks and hairline chlorite infill, sulfides in fractures,	lower 15cm microbrecciated. BC @ 60 deg TCA.			Diorite dyke - fine grained, light to medium grey with scattered irregular	hairline quartz fractures.	2	Page 1 of 2	
	62.	N	'	sd [.] S. Fr.	Top F	AZor			Roc	Cod	_	ite	 							Ē	ke								_	ë				ke				
pu	Length:	Azimuth:		Logged by:	Drilling Co.:	Comments:			Rock	Type	Till	Hybrid Granodior								Quartz ve	Diorite Dy									Quartz ve				Diorite Dy				
McKenzie Isla	MK-11-33	24-Feb-11	24-F6D-11	5656117N 439268F	368	NQ2			To	(m)	11.80	39.50			_		_			39.92	45.52				_					47.23		_		57.52			2013	2012
Project:	Hole#:	Start Date:	End Date:	Northing: Fasting:	ELEV.	Core Size:			From	(m)	0.00	11.80								39.50	39.92									45.52				47.23			02/04/2	

[124]

66.77m 28400 66.0 67.0 77.0	Rock Rock Diorite Dvke		Description	Sample	From	2	Interval	Au	Au	Au	Au (Calc)	Au (Calc)
66.75m 55.00 56.00 <t< th=""><th>cont.</th><th></th><th></th><th>283402</th><th>55.00</th><th>56.00</th><th>100</th><th>70</th><th>0.07</th><th></th><th></th><th></th></t<>	cont.			283402	55.00	56.00	100	70	0.07			
6.63.76m 6.63.76m 6.63.76m 6.63.76m 6.63.0 6.70 7.7				283403	56.00	56.50	50	35	0.04			
Option Control Control <th< td=""><th>1-1.5cm irregular qtz vein 56</th><td>-1.5cm irregular qtz vein 56</td><th>.6-56.75m</th><td>283404</td><td>56.50</td><td>57.00</td><td>50</td><td>y 22</td><td><0.01</td><td></td><td></td><td></td></th<>	1-1.5cm irregular qtz vein 56	-1.5cm irregular qtz vein 56	.6-56.75m	283404	56.50	57.00	50	y 22	<0.01			
grain notion 283407 5800 580 590 500 557 1 1586 0 c thut with halfine fractures with 23340 59.50 </td <th>8 Quartz Vein Quartz vein with chlorite parting</th> <td>Juartz vein with chlorite parting</td> <th>ts @ 50 degrees TCA. 75/25 split Qtz/cht.</th> <td>283406</td> <td>57.50</td> <td>58.00</td> <td>50</td> <td>2 5</td> <td><0.01</td> <td></td> <td><0.01</td> <td></td>	8 Quartz Vein Quartz vein with chlorite parting	Juartz vein with chlorite parting	ts @ 50 degrees TCA. 75/25 split Qtz/cht.	283406	57.50	58.00	50	2 5	<0.01		<0.01	
Clashed burker (b) Clashed (b) Clashed (b) <thclashed (c)</thclashed 	TC strongly hematized. 2 x VG g	^{-C} strongly hematized. 2 x VG gl	rains noted at 58.22m. Sulfides noted on	283407	58.00	58.50	50	>10000	>10	25.71	15.86	0.46
Number of the dume with partine wi	chlorite partings	hlorite partings		283408	58.50	59.00	50	370	0.37		0.35	
Since interval in the conduction of the con	0 Granodiorite Granodiorite - sheared aphanitic tex	Sranodiorite - sheared aphanitic tex	tture with hairline fractures with	283409	59.00	59.50	50	200	0.2			
Oct with tim scale malle volcanic xenolities 233411 59.50 60.00 60 50 275 0.03 80 003	chlorite and sulfides	chlorite and sulfides		SIL262410	0.00	0.00	BLANK	15	0.02			
Construction Construction<	n III.theid connectionity to include the second sec	ante ante lociente este de constantes de locales de	الالتقارب منام سمقم بماممانيا فالمحاليك	283411	59.50	60.00	50	95	0.09			
FAG303 38.00 38.50 20.2git Au 47cm True FA3313.5 FA3314 38.00 37.50 59.00 87.91 Ar 47cm True FA3314 FA3314 57.50 59.00 87.91 Au 115cm True FA3314 FA3314 57.50 59.00 87.91 Au 115cm True FA3314 FA3314 57.50 59.00 87.91 Au 115cm True FA3314 FA3314 FA3314 FA3314 FA3314 FA3314 FA3314 FA3315 FA3314 FA3314 FA3314 FA3314 FA3314 FA3314 FA3317 FA3314 FA3314 FA3314 FA3314 FA3314 FA3314 FA110 0.010 0.010 0.010 0.010 0.010 0.010 112 213 283337 FA3314 FA3314 FA3314 FA3314 50.5 224 283337 FA3314 FA3314 FA3314 FA3314 50.5 50.5 50.5 50.5	Granodiorite EOH 62.1m	itaria grandaria - typical dolla soca	אותן מוון פרמום וומור אטראניויא איואוינים	71.5007		22.00	-	6/7	0.20			
FA313 FA314 FA314 FA314 FA314 FA7three FA313 FA313 FA313 FA313 FA313 FA313 FA313 FA7three FA314 T15m T15							FAG303	38.00	38.50 20.	2g/t Au	47cm True	
FAA313 Legistry FAG303 Fr.50 Fr.50 S.00 B.79t/u 115cmTrue FAA314 FAS314 F							FAS31K	38.00	38.50 20.	5 g/t Au	47cm True	
TABJIA Alcality <						FAA313 &	FAG303	57.50	59.00 8.7	g/t Au	115cm True	
METALLICS W(M) Au(M1) Au(M2) W(P) Au(P) Au(Catc) METHOD RAS31K FA331K							FASSIK	00.70	59.00 p.4	g/t Au	115cn I rue	
EHHOD FAB31K FAB31K </th <th></th> <th></th> <th></th> <th>METALLICS</th> <th>Wt(M)</th> <th>Au(M1)</th> <th>Au(M2)</th> <th>Wt(P)</th> <th>Au(P) /</th> <th>Au(Calc)</th> <th></th> <th></th>				METALLICS	Wt(M)	Au(M1)	Au(M2)	Wt(P)	Au(P) /	Au(Calc)		
UNITS 0 001 001 001 001 001 001 UNITS 6 6/T 6/T 6 7 6/T				METHOD	FAS31K	FAS31K	FAS31K	FAS31K	-AS31K	FAS31K		
UNITS G GT G					10.0	10000	10001	0.0	1000	10000		
283377 603 107 111 96 133 112 283378 338 0.53 0.65 37 -0.01 0.53 283378 1846 0.13 0.16 37 -0.01 0.16 283378 1846 0.13 0.19 11 27 20.5 283382 760 0.28 0.11 3 27.42 20.5 283383 701 0.12 0.19 27 0.16 0.16 283383 701 0.12 0.11 3 10.22 0.35 283383 701 0.12 0.19 27 0.16 0.16 283383 714 0.01 40.01 142 40.01 20.01 283346 514 0.02 0.40 142 20.01 20.01 283406 514 0.02 0.40 142 20.01 20.01 283407 741 0.02 0.01 0.01 0.01				UNITS	. 0	G/T	G/T	0	G/T	G/T	_	
283379 338 0.53 0.65 37 -0.01 0.15 283379 1846 0.13 0.19 10 -0.01 0.16 283381 594 18.91 19.53 111 27 0.16 283382 760 0.28 0.13 111 27 0.16 283383 701 0.12 0.19 27 0.16 0.01 283383 701 0.12 0.19 27 0.16 0.01 283384 741 0.02 0.40 14 -0.01 -0.01 283305 514 -0.01 -0.01 142 -0.01 -0.01 283406 514 -0.01 -0.01 142 -0.01 -0.01 283408 741 0.02 0.49 9 8.34 0.35 283408 741 0.02 0.49 9 8.34 0.35 CROWN Au(M) Au(M) Wi(P) Au(26) -0.01 METHOD FAS31K FAS31K FAS31K FAS31K -0.01 UDETECTION 0.01 0.01 0.01 0.01 0.01 UNINS GT G 0 0 0 </td <th></th> <td></td> <th></th> <td>283377</td> <td>603</td> <td>1.07</td> <td>1.11</td> <td>98</td> <td>1.33</td> <td>1.12</td> <td></td> <td></td>				283377	603	1.07	1.11	98	1.33	1.12		
283313 7040 0.13 0.13 111 27.42 20.5 283381 760 0.12 0.13 27 0.15 0.16 283381 760 0.12 0.19 27 0.15 0.16 283381 761 0.12 0.19 27 0.15 0.16 283381 714 0.12 0.19 27 0.16 0.01 283385 212 -0.01 -0.01 142 -0.01 -0.01 283406 514 -0.01 -0.01 142 -0.01 -0.01 283406 741 0.02 0.49 9 8.34 0.35 283406 744 0.02 0.49 9 8.34 0.35 283406 744 0.02 0.49 0.01 -0.01 -0.01 283406 744 0.03 0.01 0.01 0.01 -0.01 283407 7.44 156.13 1059 6.36 <td< td=""><th></th><td></td><th></th><td>283378</td><td>338</td><td>0.53</td><td>0.65</td><td>37</td><td><0.01</td><td>0.53</td><td></td><td></td></td<>				283378	338	0.53	0.65	37	<0.01	0.53		
283381 594 18.97 19.53 111 27.42 20.5 283382 700 0.28 0.11 3 10.62 0.24 283383 701 0.12 0.13 3 10.62 0.24 283384 948 -0.01 -0.01 20.01 20.01 20.01 283384 948 -0.01 -0.01 40.01 -0.01 -0.01 -0.01 283385 2182 -0.01 -0.01 142 -0.01 -0.01 283346 741 0.02 0.49 9 8.34 0.35 283406 741 0.01 -0.01 -0.01 -0.01 -0.01 283407 Au(M) Au(M) -0.01 0.01 0.01 0.01 UBETECTION 10000 0 0 0 0 0 0 UBETECTION 10000 0 0 0 0 0 0 0 0 283407				2033/9	1040	0.13	0.19	2	10.02	0.10		
283382 760 0.28 0.11 3 10.62 0.24 283383 701 0.12 0.19 27 0.15 0.16 283384 948 <0.01				283381	594	18.91	19.53	111	27.42	20.5		
283333 701 0.12 0.19 27 0.15 0.16 283345 2182 <0.01				283382	760	0.28	0.11	3	10.62	0.24		
283384 948 <0.01 <0.01 14 <0.01 <0.01 283365 514 <0.01				283383	701	0.12	0.19	27	0.15	0.16		
283385 2182 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <th< td=""><th></th><td></td><th></th><td>283384</td><td>948</td><td><0.01</td><td><0.01</td><td>14</td><td><0.01</td><td><0.01</td><td></td><td></td></th<>				283384	948	<0.01	<0.01	14	<0.01	<0.01		
283406 514 <0.01 <0.01 142 <0.01 <0.01 283408 741 0.02 0.03 9 8.04 0.35 CROWN Au(M) Au(M) With Au(E) Au(M) 30 9 8.04 0.35 CROWN Au(M) Au(M) With Au(E) Au(M) 40.01				283385	2182	<0.01	<0.01	81	<0.01	<0.01		
283408 741 0.02 0.49 9 8.34 0.35 CROWN Au(M) Au(P) Wt(M) Wt(P) Au(Calc) METHOD FAS31K FAS31K FAS31K FAS31K FAS31K FAS31K LDETECTION 0.01 0.01 0.01 0.01 0.01 0.01 UDETECTION 10000 10000 0 0 0 10000 UNITS GIT GIT G G G G G 283407 7.44 156.13 1059 63.6 15.86				283406	514	<0.01	<0.01	142	<0.01	<0.01		
CROWN Au(M) Au(P) Writ(M) Au(Calc) METHOD FAS31K FAS31K FAS31K FAS31K FAS31K LDETECTION 0.01 0.01 0.01 0.01 0.01 0.01 UDETECTION 1000 10000 0 0 0 0 UNITS GT G G G G 10000 UNITS GT G G G G G G 283407 7.44 156.13 1059 63.6 13.86 5.86				283408	741	0.02	0.49	6	8.34	0.35		
METHOP Au(m) Au(l) Au(l) <t< td=""><th></th><td></td><th></th><td></td><td></td><td>į</td><td>1000</td><td></td><td></td><td></td><td></td><td></td></t<>						į	1000					
LDEFECTION TABSIN FABSIN FAB				CROWN	Au(M)	Au(P)	Wt(M)	Wt(P) /	Nu(Calc)			
UDETECTION UU UU <thu< th=""> UU UU <</thu<>					LASSIN	LA33IN	LASSIN	LA33IN	A331N			
UNIS GIT G G G G G G G G G G G G G G G G G G					0.01	0.01	0.01	10.0	0.01			
UNITS G/T G/T G G G G/T 283407 7,44 156.13 1059 63.6 15.86				UDELECTION	00001	00001			00001			
283407 7,44 136.13 1059 63.6 15.86				SLIND	6/1	G/1	5	ט	G/1			
				283407	7.44	156.13	1059	63.6	15.86			
			Page 2 of 2							Crown	RHIOG MK-1	1-33

							FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	a/t a/t oz/t	-																				Crown BH LOG MK-11-34
		TEMP	9.6				FAA313	Au	a/t			<0.01	<0.01	0.7	0.24	<0.01	<0.01		<0.01	8.67	100	0.04	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	I
		MAG	5804				FAA313	Au	qaa			<5	<5	700	240	<5	<5		<5	8675	46	64	15	<5	20	<5	55	<5	<5	I
		ROLL	119.3					Interval	(cm)			30	25	30	38	30	32		30	STD	30	8	50	50	50	50	93	50	50	I
Defloc	VOI OI O	DIP	-56.5					2	(m)			32.55	32.80	33.10	48.38	48.68	49.00		52.30	0.00	53 QU	00.00	56.35	56.85	57.35	57.85	66.93	67.43	67.93	l
Tet		AZIMUTH	257.8					From	(m)			32.25	32.55	32.80	48.00	48.38	48.68		52.00	0.00	53 60	00.00	55.85	56.35	56.85	57.35	66.00	66.93	67.43	I
		DEPTH	70m					Samole				283413	283414	283415	283416	283417	283418		283419	283420	1012404	171007	283422	283423	283424	283425	283426	283427	283428	I
CROWN GOLD CORP - GEOLOGIC DRILL LOG		8 o	o L!	27 Ech 44				Description		Glacial Till - poorly sorted sandy cobble boulder till	Granodiorite - typical dome stock with cm scale mafic volcanic xenoliths and scattered mafic veinlets.		2cm qtz/chlorite vein 32.6567 @ 40 degrees TCA.			Quartz chlorite vein- top half 70/30 split qtz/cht. Lower half silicified chlorite. Contacts @ 35 deg TCA	Diorite Dyke - fine grained becoming medium grained downwards with scattered	irregular hairline quartz fractures and occasional quartz chlorite veinlets at 52 08- 10m & 53 67- 68m hiohly silicified and rwrite and chalconvrite	noted 56.40-57.12m	OREAS 620										Page 1 of 2
	- 7	Š	Ÿ	. FI	Ton F	AZor		Roc	Cod		te				 	t	ex			 							 		_	I
and	Lengur.	Azimuth:	Dip:	Logged by:	Drilling Co .	Comments:		Rock	Tvpe	Till	Hybrid Granodiori					Quartz/ch Vein	Diorite Dy													
McKenzie Isl		26-Feb-11	26-Feb-11	N/119696	368	NQ2		To	(m)	12.75	48.40					48.60	67.95													2013
Project:		Start Date:	End Date:	Northing:	FI FV	Core Size:		From	(E)	0.00	12.75					48.40	48.60													02/04

[126]

From	0	Rock	Rock	Description	Sample	From	To	Interval	Au	Au	Au	Au (Calc)	Au (Calc)
67.95	68.81	Quartz vein		Quartz chlorite crack seal vein 90/10 qtz/cht split @ 50 degrees TCA.	283429	67.93	68.23	30	<5	<0.01			
				Mainy milky quartz, 7 VG grains noted 68.4353m	283430	68.23	68.53	30	>10000	>10	224.3	124.34	3.6
					283431	68.53	68.83	30	6555	6.56			
68.81	69.51	Brecciated		Quartz vein - brecciated dirty quartz with fine sulfides noted, chlorite veinlets	283432	68.83	69.18	35	55	0.05			
		Quartz vein		and flooding prominent. Contacts @ 50 deg TCA	283433	69.18	69.53	35	395	0.4			
69.51	69.75	Diorite Dyke		Diorite Dyke - very fine grained, BC is diffuse @ 20 degrees TCA.	283434	69.53	70.00	47	185	0.18			
69.75	76.00	Hybrid		Hybrid Granodiorite - typical dome stock with dm scale mafic volcanic xenoliths	283435	70.00	71.00	100	<5	<0.01			
		Granite		DUP283435 EOH 76m	35 283436	70.00	71.00	100	<5	<0.01			
							FAA313 & FAA313 &	FAG303 FAS31K	67.93 67.93	68.83 68.83	77g/t Au 43.6g/t Au	69cm True 69cm True	
					CROWN	Au(M)	Au(P)	Wt(M)	Wt(P) A	Au(Calc)			
					METHOD	FAS31K	FAS31K	FAS31K	FAS31K F	FAS31K			
					UDETECTIO	N 10000	10000	0	0.0	10000			
					UNITS	G/T	G/T	5	0	G/T			
					283430	16.41	7863.43	245.22	3.42	124.34			
25/0	3/2013			Page 2 of 2							Crown	BH LOG MK-1	1-34

[127]

							_	FAG303 FAS31K FAS31K	Au Au (Calc) Au (Calc)	g/t g/t oz/t																					Crown BH LOG MK-11-35
			12.6					FAA313	Au	g/t		<0.01	<0.01	<0.01	0.01	0.03		0.87		<0.01	<0.01	10.02									
		5827	5826					FAA313	Au	dqq		<5	<5	10	10	35		870	4	¢۲	\$	7									
	- 100	308.8	291.6						Interval	(cm)		50	47	40	09	53		STD		40	30	30									
	Reflex	-59.5	-58.7						To	(m)		4.00	4.47	4.87	5.47	6.00		0.00	11.01	G//6L	20.05	CC.U2									
	rest -	240.5	241.9						From	(m)		3.50	4.00	4.47	4.87	5.47		0.00	10.01	CS.91	19.75	CU.U2									
	DOWNHOLE	62m	210m						Sample			27555	27556	27557	27558	27559		27560	04104	196/2	27562	50C/7									
CROWN GOLD CORP - GEOLOGIC DRILL LOG	E		ko	March 1 2011	nk 475m dana				Description		Glacial Till - poorly sorted sandy cobble boulder till. Diorite marcinal phase - fine grained dark grev vitreous groundmass with fine	quartz and feldspar phenocrysts, central portion bounded by quartz veinlets has	enlarged mottled outline phenocrysts. BC chloritic and slightly	sheared @ 40 deg TCA.		Hybrid Granodiorite - typical dome stock with mafic volcanic xenoliths.		(slightly low/?!) OREAS H3	BC @ 45 degrees TCA.		Diorite dyke - fine grained, medium grey with fine white specks. Lower 35 cm chilled	very rine grained and lighter grey colour. To is precorated with plag & k-spar Veining and flooding in a brecotated chloritized groundmass. BC @ 50 deg TCA.	Hybrid Granodiorite - typical dome stock with cm-dm scale mafic volcanic	xenoliths. Apalite veinlets 34.4181m @ 50 deg. 48.4865 @ 45 deg TCA. Some dm scale xenoliths display partial assimilation of felsic component	leaving a mafic skeletal structure. Minor 5-10mm qtz veinlets throughout. Apalite vein 84.1446m	Diorite marginal phase - grey aphanitic groundmass with 3-5mm subangular white plagiociase and sub nunded py quartz phenocrysts.	Hybrid Granodiorite - typical dome stock with cm-dm scale mafic volcanic	Abritourus da autore: Diario Indra anadirent arealand arealahada with anarea alaginalana ahananarata in	uronte Dyter - meauurni grantee, greyrotacx wun coarse plagocciase prenocrysts in segments. Hairline fractures are slightly magnetic. TC @ 60 deg, BC fregular and errosional		Page 1 of 3
	216.15	-59	S. Fran		Top Rai	A LUIR			Rock	Code																					
sland	5 Length:	1 Din:	Logged by:	E Dates Logged	8 Drilling Co.:	COMMENTS.			Rock	Type	Diorite marg					Hybrid	Granodiorite				Diorite Dyke		Hvbrid	Granodiorite		Diorite marg	Hybrid	Disting Dide			
McKenzie Is	MK-11-3	28-Feb-1	5656162N	439344	36				To	(m)	3.20					19.77					21.48		85.20			86.62	100.55	404 ED	00.101		/2013
Project:	Hole#:	End Date:	Northing:	Easting:	Com Circi	COLE SIZE.			From	(m)	3.20					5.46					19.77		21.48			85.20	86.62	400 EE	CC.001		02/04

101		1000	Accel .	Decembrica			4	Internation I	A		A.1	1000/11	10100/
00	105.17	Hvbrid	LOOK I	Hybrid Granodiorite - as above	aidilleo		2		R	2			לחוואס) חע
		Granodiorite			27564	104.85	105.15	30	<5	<0.01			
17	108.40	Diorite Dyke		Diorite Dyke - fine to medium grained, olive grey colour, chilled margins,	27565	105.15	105.65	50	<5	<0.01			
				moderately to strongly magnetic throughout, central portion medium grained and	27566	105.65	106.15	50	<5	<0.01		-	
				plagioclase rich. <1% 1-3mm clusters of fine pyrite and pyrrhotite. TC @ 80 deg,	27567	106.15	106.65	50	<5	<0.01			
			_	BC @ 50 deg TCA.	27568	106.65	107.15	50	<5	<0.01			
					27569	107.15	107.65	50	<5	<0.01			
				SILICA	27570	00:00	0.00	BLANK	<5	<0.01			
			_		27571	107.65	108.15	50	<5	<0.01			
					27572	108.15	108.45	30	<5	<0.01			
0	115.47	Granodiorite		Granodiorite - medium grained typical dome stock. 4cm fine grained chilled mafic	27573	108.45	108.85	40	10	0.01			
_				vein with 5% fine deseminated pyrite 115.3236m	27574	115.20	115.50	30	<5	<0.01			
47	157.29	Diorite marg.		Diorite - marginal phase - medium grey aphanitic with grey quartz and orange pink plagioclase phenocrysts. Central portion 120.60-131.25m fractured and silicified with						x :		č i	
				a bleached appearance and minor fine sulfides. Lower portion strongly porphyritic	27575	120.50	121.00	50	5	<0.01			
			_	from 136.40-137.50m with coarse, up to 10mm	27576	121.00	121.50	50	<5	<0.01			
			_		27577	121.50	122.00	50	5	<0.01			
					27578	122.00	122.50	50	10	<0.01			
29	176.04	Diorite Dyke		Diorite Dyke - fine grained medium grey with fine white specks, becoming sheared towards base @ 40 degrees TCA, Minor fine pyrite noted in sheared zone. Poorly developed becaclated quartz vein in chlorite 172.3844m @ 60 deg TCA. Subrounded elongared milly quartz fragments give an imbricated pebble									
				appearance. Pyrite and pyrrhotite noted. Possible offshoot of Bishops	27579	171.50	172.00	50	25	0.03			
				Break zone. BC chilled @ 25 deg TCA.	2C 27580	0:00	0.00	STD	8535	8.54			
			_		27581	172.00	172.50	20	20	0.02			
				10-15% fine sulfides 172.5065m	27582	172.50	173.00	50	55	0.06			
					27583	173.00	174.00	100	50	0.05			
					27585	175.00	175.50	202	25	0.00			
					27586	175.50	175.80	30	25	0.03			
			_		27587	175.80	176.10	30	10	0.01			
04	205.80	Hybrid		Hybrid granodiorite - typical dome stock medium grained, pink/orange/grey/black	27588	176.10	176.50	40	5	<0.01			
		Granodiorite		with mafic volcanic xenoliths. Lower 10cm baked white.									
_					27543	205.20	205.70	50	15	0.02		0.07	
80	205.90	Quartz Vein		Quartz vein - Bishop's Break horizon - quartz with chlorite partings @ 65 deg TCA. Fine sulfides noted. Core broken by drilling, some core loss.	27544	205.70	206.00	30	390	0.39		0.55	
25/03/20	113			Page 2 of 3							Crown BH	HLOG MK-11-	-35

[129]

mple From To Interval 27545 206.00 207.00 50 27545 206.50 207.00 50 27547 207.00 207.00 50 27549 208.70 50 50 27549 208.70 208 50 27551 209.20 208.70 50 27551 209.20 209.55 35 27552 209.55 209 50 27553 209.55 210.00 45 27554 210.005 210.50 45 27554 210.005 210.50 45 27554 210.006 45 50 27554 210.000 45 50 27554 210.000 45 50 27554 210.000 45 50 27554 210.000 45 50 27554 210.000 45 50 27554 210.000 45 50	mple From To Interval Au 27545 206.00 206.50 50 <5 27547 207.00 507.50 50 <5 27547 207.00 207.50 50 <5 27549 207.50 208.70 50 <5 27551 209.20 208.70 50 <5 27551 209.20 209.20 50 <5 27552 209.55 316 55 30 27553 209.55 210.00 45 55 27554 210.00 265 36 55 27554 210.00 265 30 55 2754 210.00 265 55 55 2754 210.00 205.50 56 55 2754 210.00 205.31 205.70 FA31K 205.70 56 55 2754 210.00 50 55 FA31K 2	mple From To Interval Au Au 27545 206.00 206.50 50 <5 <0.01 27545 207.00 207.00 50 <5 <0.01 27547 207.00 207.00 50 <5 <0.01 27547 207.00 208.70 50 <5 <0.01 27549 208.70 208.70 50 <5 <0.01 27549 208.70 208.70 50 <5 <0.01 27551 209.20 209.25 35 30 0.03 27551 209.55 25 30 0.03 27554 209.65 270.00 45 55 <0.05 27554 210.00 45 55 <0.01 27554 210.00 215.50 205.70 208.00 27554 210.00 45 55 50.570 208.00 27554 210.00 2	mple From To Interval Au	mple From To Interval Au Au Au Au Calc) 7545 206.00 207.50 50 <5 <0.01 <0.01 <0.01 7547 207.00 207.50 50 7 0.07 <0.07 <0.01 27547 207.00 208.70 50 70 0.07 <0.01 <0.01 27549 207.50 208.70 50 70 201 0.07 <0.01 27549 207.50 208.70 208.70 50 0.03 <0.01 0.22 27551 208.70 209.20 50 <0.01 0.03 0.22 27551 209.20 209 50 <0.05 55 0.05 0.22 27551 209.55 209.55 35 0.05 55 0.05 0.22 27552 209.55 210.00 45 55 0.05 56 0.21
208.70 209.20 50 209.20 209.55 35 209.55 200.00 45 209.55 210.00 45 209.55 210.00 45 210.00 210.50 50 210.00 210.50 50 210.00 210.50 50 100.01 210.50 50 100.01 210.50 50 100.01 20.10 50 10000 10000 0.01	208.70 209.20 50 <5 35 30 209.20 209.55 35 35 30 209.55 210.00 45 55 35 209.55 210.00 45 95 35 210.00 210.50 50 45 95 210.00 210.50 50 45 95 210.00 210.50 50 45 95 210.00 210.50 50 45 95 200.570 FA331K 205.70 100.760 FA331K FA331K FA331K FA331K FA331K FA331K FA331K FA331K FA331K FA331K I 0.01 0.01 0.01 0.01 0 0.01 0.01 0.01 0.01	208.70 209.20 50 <5 <0.01 209.55 210.00 45 35 30 0.03 209.55 210.00 45 95 0.1 209.55 210.00 45 95 0.1 210.00 210.00 45 95 0.1 210.00 210.50 50 <0.01	208.70 209.20 50 <5 <0.01 209.55 210.00 45 95 0.03 209.55 210.00 45 95 0.1 209.55 210.00 45 95 0.1 210.00 210.50 50 <	208.70 209.20 50 <5 <0.01 209.55 35 30 0.03 0.03 209.55 210.00 45 55 0.05 209.55 210.00 45 56 0.05 <
207.00 50 207.50 50 208.70 50 208.70 50 209.55 50 209.55 35 209.55 35 200.00 45 210.00 45 210.00 45 210.00 45 210.50 50 210.50 50 210.50 50 210.50 50 50 50 210.50 50 50 50 50 50 210.50 50 50 50 50 50 50 50 50 50 50.61 50 6.01 0.01 6.01 0.01	207.50 50 <5 207.50 50 70 208.70 50 70 208.70 50 70 208.70 50 55 209.50 50 55 209.50 50 55 209.50 50 55 200.50 45 55 210.00 45 55 210.50 45 55 210.50 45 55 210.50 45 55 210.50 50 55 210.50 50 55 210.50 50 55 210.50 50 55 210.50 50 55 210.50 50 55 210.50 50 55 210.50 50 55 210.50 50 55 5331X 505.70 5331X 505.70 5331X 505.70 <td< td=""><td>207.00 50 <5 <0.01 207.50 50 70 0.07 207.50 50 70 0.07 208.70 50 50 60 208.70 50 55 0.01 208.70 50 55 0.01 209.55 35 30 0.03 209.55 35 30 0.03 209.50 45 55 0.01 210.00 45 55 0.01 210.50 56 55 0.01 210.50 56 56 0.01 210.50 56 205.70 206.00 210.50 56 205.70 206.00 56.31K 505.70 208.00 6.01 0.01 0.01 6.</td><td>207.00 50 <5 <0.01 207.50 50 70 0.07 0.07 207.50 50 70 0.07 0.07 208.70 50 <5</td> <0.01</td<>	207.00 50 <5 <0.01 207.50 50 70 0.07 207.50 50 70 0.07 208.70 50 50 60 208.70 50 55 0.01 208.70 50 55 0.01 209.55 35 30 0.03 209.55 35 30 0.03 209.50 45 55 0.01 210.00 45 55 0.01 210.50 56 55 0.01 210.50 56 56 0.01 210.50 56 205.70 206.00 210.50 56 205.70 206.00 56.31K 505.70 208.00 6.01 0.01 0.01 6.	207.00 50 <5 <0.01 207.50 50 70 0.07 0.07 207.50 50 70 0.07 0.07 208.70 50 <5	207.00 50 <5 <0.01 <0.01 207.50 50 70 0.07 <0.01
Interval 50 50 50 50 50 50 50 50 50 50 50 50 50	Interval Au 50 <5	Interval Au Au Au 50 <5	Interval Au Au Au Au Au Au Au Interval Au Au Au Au Au Au Au Interval Au Au Au Au Au Interval Au Au Au Interval Au Au Interval Au Interval Au Interval Au Interval Au Interval Au Au Interval Au Interval Au Interval Au Interval Au Interval Au Interval Au Au Interval Au Au Au Au Au Au Au Interval Au Interval Au Interval Au Interval Au Interval Au Interval Au Au <td>Interval Au <</td>	Interval Au <
	Au Au 210 210 210 205 205 205 205 205 205 205 20	Au Au <-5	Au Au Au Au Au Au Au Au Au I <th< td=""><td>Au Au Au Au Au Gale <5</td> <0.01</th<>	Au Au Au Au Au Gale <5

Crown BH LOG MK-11-35

Page 3 of 3

25/03/2013

[130]

Γ	TEMP		28.1		12.7	15.4	/.61	13.6		12.1	13.7	AG303	Au Au COMPOSITE				<0.01 <0.001		<0.01 <0.001	<0.01 <0.001	<0.01 <0.001	<0.01 <0.001	<0.01 <0.001			Crown BH LOG MK-12-36
	MAG		5986	5804	5775	5869	0835	5870	5832	5802	5860	 AA313 F	Au	222			<5		<5	<5	<5	<5	<5			
	ROLL		47.2	323.3	34.8	116.8	141.1	164.1		108.7	275.2		Interval				30		30	60	50	60	30			
Reflex	DIP	79.0	78.0	1.77	11.4	17.1	6.0/	76.2	C.C/	74.6	74.1		To ()	1			10.42		17.94	18.54	19.04	19.64	19.94			
ST -	AZIMUTH	212.0	212.4	212.5	214.5	209.8	1.212	216.4	213.6	212.2	213.2		From	1			10.12		17.64	17.94	18.54	19.04	19.64			
OWNHOLE TE	DEPTH /	Collar	12m	150m	300m	450m	eoum	801m	man	1149m	1260m		ample				209601		209602	209603	209604	209605	209606			
63 m	212 °	-19 °	anko	ug -23 Sept 2012		eting Bishops Break at 1km deep based on SGH survey target							ck Description	Glacial Till - Poorly sorted houlder/onthile and sand till	d Turkey Track, Medgadböro - Dark green fine grained mafic groundmass with 0.5-2mm x up to 30mm long bale grey/white plag laths. End cuts of laths display a motiled texture. Unit coordiates with 16d on Marie Sanbourn map Neoarchean age 2800-2600MA. BC eroded af 65 dg 10 CA.	Syenodiorite dyke - Black fine grained mafic groundmass with minor <10% interstitial quartz and medium grained dink and cream fedspars. Locimetre scale scholiths of turkey track melgabbur confirms the younger age relationship of this unit. Hairline epidote fractures have altered feldspars within 2.5mm. form milky quartz vein at 10.30m @ 40 deg to CA is just above the lower contact which is erosional into turkey track at 60		d Turkey Track Metagabbro - as above, scattered 0.5-1cm apalite veinlets at 20-40 deg to CA. Hainline epidote fractures display up to 3mm lateral offset as evidenced by displaced fractured feldspar laths. BC is slightly undulatory at 60 deg to CA.		d Diabase dyke - Medium grey, fine grained with 1-2% fine pyrite noted. Non magnetic. Scattered 0.5-2mm calcified fractures at 60 deg to CA.	BC broken by drilling.		d Turkey Track Metagabbro - as above, minor hairline calcified fractures are highlighted by altered feldspar laths which are prominently lighter coloured. BC at 50 deg to CA.	Syenodiorite Dyke - As previous 8.68-10.33m with the inclusion of a segment of nearly pure apatilek-span 20.70-30.30m with 5% matic specks, probably biotite. BC is irregular and signify encourabinal at nearly 90 deg to CA.	d Turkey Track Metagabbro - as above, top 20cm baked and altered by overhing syenodiorite intrusion. Minor granodiorite veinlet 31.24-31.27. BC at 20 deg TCA.	Page 1 of 17
126	21	L-	S. Fra	29 Au	Crbit	Targe							Rock	200	16d	166		16d	_	16d			16d	16e	16d	
nd Length:	Azimuth:	Dip:	Logged by:	Date Logged:	Drilling Co.:	Comments:							Rock	Till	Metagabbro	Syenodiorite Dyke		Metagabbro		Diabase Dyke			Metagabbro	Syenodiorite Dyke	Metagabbro	
CKenzie Isla MK-12-36	28-Aug-12	22-Sep-12	5656643	439536	408	NQ2							P (i	1 30	8.68	10.33		17.96		19.61			29.63	31.08	39.10	013
Project: N Hole#:	Start Date:	End Date:	Northing:	Easting:	ELEV	Core Size:							From	000	1.30	8.68		10.33		17.96			19.61	29.63	31.08	17/03/2

2	Rock	Rock	Description	Sample	From	То	Interval	Au	Au	Au CO	MPOSITE
9.50	(Qtz) Diorite	14a	Diorite - verging on quartz donte - medium grained white and grey subhedral 2-3mm plagioclase feldspars with interstitial fine grained black hornblend/biotite? Minor quartz -65%.								
39.80	Metagabbro	16d	Turkey Track Metagaggro - xenolith, slightly calcified. BC at 45 deg to CA.								
52.28	Qtz Diorite	14a	Quartz Diortie - medium grained white and grey as above, slightly orange hue from iron staining in fractured segments. Increased feldspar and quartz content towards base with alighter CI 40, 2, x 3-7cm xenoliths of footwall mafic volcanics noted in lower 50cm. BC at 30 deg to CA.								
56.75	Basalt	96	Mafic Volcanic - Basall/Andesite - dark green fine grained, CI 80. Amygdaloidal texture over top 70cm becoming somewhat homogenous then fulf like with colour from dark green to grey. BC at 30 deg to CA is slightly convoluted from lower dykes encsion.								
63.03	Diorite	14a	Diorite - medium grained while, black and grey colour, plag and biotite subhedral laths. 20cm mafic ven 59:75-59:36 @ 35 deg to CA slightly sheared and altered, fractured hear top contact. 30cm partially assimilated mafic xenolith 62:20-62:50m. BC at 45 deg to CA.								
94.31	Basalt	q 6	Intermediate to Mafic Volcanic - Basel/Andexite - fine granted, medium to dark green amygdaloidal flows interbedded with fine tuffs or possibly metasediments, bedding plane noted at 70m at 35 deg to CA. Highly slicitied segments with numerous scattered hairline fractures with fine pyr & pyo. Minor: intrusions of diorite with somewhat diffuse margins 80.65-80.70m, 81.35-81.40m, 82.80-82.90m, 83.15-83.30m. General bedding of furf 69.65-70.55 at 40 deg to CA. BC diffuse at approx. 35 deg to CA.								
				209607	69.00	69.30	30	<5	<0.01	<0.001	
				209608	69.30	69.70	40	\$	<0.01	<0.001	
				209609	69.70	70.00	30	22	<0.01	<0.001	
				209610	0:00	0.00	0	1000		0.029 Std	Oreas 15h
				209611	72.25	72.75	50	<5	<0.01	<0.001	
				209612	85.85	86.15	30	10	0.01	<0.001	-
				209613	86.15	86.55 oc.or	40	\$	<0.01	<0.001	
				203014	CC.00	60.00	30	0	70'N	<0.001	
				209615	87.90	88.20	30	<5	<0.01	<0.001	
				209616	88.20 88.60	88.60 88 GD	30	30	<0.01	<0.001	
				110007	00.00	00.00	00	00	0000	100.02	
101.80	Granodiorite	14c	Granodiorite - medium grained, central portion higher K-spar portion than margins, BC diffuse at 35 degrees TCA.								
114.15	Marginal Diorite		Marginal Diorite - Very Fine grained/aphanitic dark green groundmass with subheudral 1- 3mm plagioclase phenocrysts throughout. BC @ 25 degrees TCA.								
134.05	Diorite/ Granodiorite	14a/c	Diorite/ Granodiorite - 5mm chill margin on top contact, top 4 m dioritic central portion more orange colour with minor interstitial ovrite noted. Partially assimilated								
			10-15cm mafic xenoliths noted @ 123m	209618	133.74	134.04	30	10	<0.01	<0.001	
5											MA-1 /- 4M

[132]

COMPOSITE		Silica Blank										00 00	Sta Ureas 520										Dup of 209639									.0G MK-12-36	
Au	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	+0.001×	<0.001		<0.001	10007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						Crown BH L	
Au	<0.01	< <u>0.01</u> <0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01			<0.01	<0.01	8./ <0.01	<0.01		<0.01	10.01	20.01	<0.01	<0.01	<0.01	<0.01	0.02	0.03	<0.01	<0.01							
Au	<5	5 5	<5	<5	20	<5	<5	<5			<5	<5	6/UD	5	0	<5	75	\$ 4	55	<5	5	<5	15	30	\$2 2	Ŷ							
Interval	100	0 76	50	32	30	20	33	47			30	71	0	30	4	50	50	25	75	56	74	30	30	100	100	09							
70	135.04	0.00 135.80	136.30	136.62	136.92	186.50	186.83	187.30			199.90	200.61	201 11	201.41		218.15	00 000	229.00	230.50	231.06	231.80	232.10	232.10	235.25	236.25	C102							
From	134.04	0.00 135.04	135.80	136.30	136.62	185.80	186.50	186.83			199.60	199.90	200.61	201.11		217.65	00 EU	00 000	223.00	230.50	231.06	231.80	231.80	234.25	235.25	67.962							
Sample	209619	209620 209621	209622	209623	209624	209625	209626	209627		-	209628	209629	209030	209632	8	209633	10000	209034	209033	209637	209638	209639	209640	209641	209642	209643							
Description	Mafic Dyke - Dark olive green, very fine grained and soft , hardness = 2, foliated	parallel to contacts @ 65 degrees TCA. Elongated plagioclase partings visible in segments . Talcy shear over 3cm @ 136.25m. Bottom contact highly	fractured over 10cm.		Granodiorite - as above dyke, lower 1.25m assimilating footwall with numerous prounded mafic xenoliths. BC @ 35 degrees TCA	Mafic volcanic - Pale green grey very fine grained to vitreous groundmass with a	phyric texture composed of 0.5 - 3mm laths of muscovite with end cuts displaying	the hexagonal crystal structure. Calcite alteration noted 186.50-186.85m.	Silicified 185.8-186.0m. Lower 1m baked and assimilated by intrusive diorite vein 193.65-194.18m @ 40 degrees TCA. BC @ 45 degrees TCA.	Diorite - Intruding and replacing mafic volcanics, highly silicified segments with	qtz and chlorite veinlets noted 199.91-201.10m. 2-5cm mafic sub rounded	xenoliths noted. BC is diffuse @ 60 degrees TCA.			Intermediate volcanics with diorite flooding/replacement. Dark green fine grained	mafic groundmass with white and grey 0.5-3mm sub rounded to sub angular	pnenocrysts of plagloctase and minor sufficience noted. Intruding/nooding diorite	veins carry sub decimeter xenolitins of altered matic volcanics. Pale green	apriaring veni @ 217/11 @ 30 degrees 10A. Ladder raciales with the milli over hower 1 1m. Oth veninlets continue into ton 1 5m of foot wall diorite intrusion		Diorite - Medium grained greev white and black subheudral grains of biotite and	feldspar with minor quartz. Top 1.5m displays scattered 5-10mm smokey qtz veins	@ 80-90 degrees TCA. BC @ 50 degrees TCA	Intermediate volcanics - as above diorite, hairline calcite ladder fractures noted.	BC @ 60 degrees I CA.		Diorite - as described above however homogenous BC @ 35 degrees TCA	Diditie - as described above nowever notificitiones DC (0 33 degrees 1 CC).	Andesite - phyric intermediate volcanics, dark green very fine grained groundmass with 1-3mm sub angular to sub rounded phenocrysts of white plagioclase forming differentiated bands @ 80 degrees TCA spaced in cm -dm scale dusters. BC is diffuse.	Diorite - white grey black colouring of porphyritic plagloclase in a fine grained mafic groundmass. Highly fractured 261: 516: 510: 600: 630: 630 degrees on a parallel plane, 263: 12-263: 32m @ 30.8, 45 degrees TCA on a plane parallel to above & 45 degrees totated, and 268.6-269.85m @ 30.8.50 degrees TCA parallel and	45 degrees rotation as above. BC is diffuse @ 50 degrees TCA.	Page 3 of 17	
Rock					14c	q6				14a					96						14a	2		q6			-		6	14a	_		
Rock	Mafic Dyke				Granodiorite	3asalt				Diorite					nt Volcanics	diorite veins					Diorite			nt Volcanics			Jiorita	DIDLIE	Andesite	Diorite			
To	136.60				185.30	196.70 E				204.97					231.05	1					234.30			237.12			238.35 F	1 00.002	251.91	289.82		2013	
From	134.05				136.60	185.30				196.70					204.97						231.05			234.30			237 12	21.162	238.35	251.91		17/03/	

From	To	Rock	Rock	Description	Sample	From	To	Interval	Au	Au	Au	COMPOSITE	
289.82	296.92	Basalt	96	Basalt - mafic volcanic, fine grained, dark green groundmass with fine									
				plagioclase phenocrysts. Moderately fractured with calcite alteration along	110000	001 50	00000	61	ų	10.01	100.01	-	
				nainine itacures @ ou-ru degrees I.CA. vuggy snear win minor miiky qiz itom 206.25m @ Qn derrees TCA & 206.30m @ 30.derrees TCA	209645	00 900	296.00	20	ç u	<0.01	<0.001		
				BC @ 35 degrees TCA.	209646	296.50	297.00	50	<5 5	<0.01	<0.001		
296.92	314.45	Diorite	14a	Diorite - as above however slight orange tinge from 300-303m & 306-306.5m. Highly fractured from 300.85-301m @ 30 degrees TCA. Overall unit moderately									
				fractured with low RQD obvious. BC @ 70 degrees TCA.	209647	314.00	314.40	40	<5	<0.01	<0.001		
314.45	316.65	Diabase	16d	Diabase Dyke - very fine grained, medium grey colour with 2-3 % fine	209648	314.40	314.70	30	<5	<0.01	<0.001		
				desseminated pyrite throughout, strongly magnetic. TC @ 70 degrees TCA.	209649	314.70	315.55	85	<5	<0.01	<0.001		
				5cm chlorite and quartz carbonate vuggy vein with pyrite noted. (Bishop's Break thme zonel) RC hroken の 80 derreae TCA is a 1cm wide Rishons Reak	209650	315 55	0.00 316.40	0 B5	970	0.97	0.028	Std Oreas 15h	
				istre parting.	209652	316.40	316.70	30	10	0.01	<0.001		
316.65	328.02	Diorite	14a	Diorite - medium grained, light grey & white with some segments tinged orange	209653	316.70	317.00	30	10	<0.01	<0.001		
				(FeCo AIT!) BC @ /U degrees I CA.	209654	327.60	328.00	40	<5	<0.01	<0.001	_	
328.02	328.55	Bishops Break		Quartz chlorite vein - very fine grained black chloritic partings finely	209655	328.00	328.33	33	<5	<0.01	<0.001		
		Style Vein		laminated @ 70 degrees TCA with veinlets of quartz carbonate, infilling and lenses of pyr and cpy noted. BC slightly irregular @ 70 degrees TCA.	209656	328.33	328.60	27	<5	<0.01	<0.001		
328.55	331.45	Diorite	14a	Diorite - as above, slightly magnetic in segments.	209657	328.60	329.00	40	<5	<0.01	<0.001		
					209658	329.00	330.21	121	10	<0.01	<0.001		
					209659	330.21	331.42	121	<5	<0.01	<0.001		
331.45	331.96	BB Style Vein		Quartz chlorite vein - finely laminated @ 45-50 degrees TCA.TC @ 45 degrees	209660	0.00	0.00	0	<5	<0.01	<0.001	Silica Blank	
				BC @ 50 degrees TCA. Duartz stringers/infill is concentrated over 20cm. Siderite and dormaline, hound: staining on some quartz, abundance of fine pyrite noted and minor chalcopyrite.	209661	331.42	331.98	56	25	0.03	<0.001		
331.96	335.32	Sheared		Sheared mafic volcanics - fine grained, medium olive green with white calcite	209662	331.98	333.50	152	<5	<0.01	<0.001		
		Mafic Volcanics		and smokey quartz partings and lenses. Hematite in thin veinlets at 333.80m	209663	333.50	334.90	140	<5	<0.01	<0.001		
					209664	334.90	335.30	40	<5	<0.01	<0.001		
335.32	335.79	BB Style Vein		Qtz Cht Vein/sheared mafic volcanics 60/40 split top 1cm brecciated quartz	209665	335.30	335.80	50	<5	<0.01	<0.001		
				carbonate & chlorite. TC @ 40 degrees TCA.									
335.79	338.46	Sheared		Sheared mafic volcanic @ 40 degrees TCA, less sheared than upper unit,	209666	335.80	336.60	80	<5	<0.01	<0.001		
		Mafic Volcanics		strongly magnetic, minor BB style veinlet 338.22-338.23m @ 75 degrees TCA.	209667	336.60	337.40	80	<5	<0.01	<0.001		
					209668	337.40	338.20	80	<5	<0.01	<0.001		
					209669	338.20	338.50	30	<5	<0.01	<0.001	_	
338.46	338.78	Diorite	14a	Diorite - black & orange, medium grained TC @ 80 BC @ 60 deg TCA	209670	0.00	0.00	0	8880	8.88	0.259	Std Oreas 62c	
338.78	339.11	Diabase	16d	Diabase Dyke - dark grey with fine white plagioclase, strongly magnetic, BC 60	209671	338.50	339.10	60	5	<0.01	<0.001		
339.11	339.48	BB Style Vein		Sheared mafic volcanic with qtz carb veinets, frac infill and lenses, high conc. Qtz over lower 12cm, fine pyr throughout BC @ 70	209672	339.10	339.50	40	<5	<0.01	<0.001		
339.48	340.55	Diorite	14a	Diorite - baked margin of lower diorite unit	209673	339.50	340.50	100	<5	<0.01	<0.001		
340.55	341.40	BB Style Vein - No Quartz		Sheared chlorite - dark grey to black, non magnetic with fine calcite alt along stress fracs @ 65 deg TCA. BC @ 55 is chilled over 1-2mm.	209674	340.50	341.43	93	<5	<0.01	<0.001		
341.40	347.14	Diorite	14a	Diorite - top contact baked over 40cm with less obvious porphyritic texture than	209675	341.43	343.28	185	<5	<0.01	<0.001		
				usual. 1cm veinlets of lower BB style dyke at 347m with quartz and	209676	343.28	345.13	185	<5	<0.01	<0.001		
				minor pyrite. BC @ 40.	209677	345.13	346.98	185	<5	<0.01	<0.001		
347.14	347.45	BB Style Vein - No Quartz		Sheared chlorite - non magnetic, with fine calcite alt on stress fracs @ 70-80 deg, BC irregular @ 35 deg TCA	209678	346.98	347.48	50	<5	<0.01	<0.001		
17/03/2	2013			Page 4 of 17							Crown BH L	.0G MK-12-36	

[134]

From	To	Rock	Rock	k Description	Sample	From	To	Interval	Au	Au	Au	COMPOSITE
347.45	354.20	Diorite marg.		Diorite - marginal phase, finer grained, less porphyrie, plag forming haloes	209679	347.48	348.00	52	<5	<0.01	<0.001	
		0		around biotites? BC diffuse @ 40 deg TCA.	209680	347.48	348.00	52	40	0.04	0.001	Dup of 209679
354.20	367.57	Diorite/ Granodiorite	14a/c	Ic Diorite - typical medium grained black & white diorite with orange tinge in segments, haitine epidote fractures 356, 700, V256 S00, V26, M3H ROL unit, lower S0cm att. by dyke Minor suffides and slightly magnetic towards BC @ 20	209681	367.00	367.55	55	\$	<0.01	<0.001	
367.57	369.39	Diabase Sill	16d	I Diabase sill - strongly magnetic, dark grey, very fine grained with hairline calcified fractures @70-80 deg TCA. 2 low angle curved fracs 368-368.75m. BC@75TCA	209682 209683	367.55 368.48	368.48 369.41	93 93	<5 <5	<0.01 <0.01	<0.001<<0.001	
369.39	372.51	Diorite	14a	Diorite - Strongly magnetic, medium grained, grey black & white with scattered	209684	369.41	369.95	54	<5 1	<0.01	<0.001	
				orange tinted segments 1cm diabase veinlet @ 369./5 @ 40 deg 1 CA	209685	369.95	3/0.95	100	\$ 4	<0.01	<0.001	
					209687	371.95	372.45	20	\$ 5	<0.01	<0.001	
372.51	373.39	Diabase sill	16d	1 Diabase sill - as above, strongly magnetic, TC @ 50 BC erosional & convoluted	209688	372.45	373.45	100	<5	<0.01	<0.001	
373.39	383.93	Diorite	14a	Diorite - as above but only slightly magnetic in segments. Bottom 30 cm coarser	209689	373.45	374.20	75	<5	<0.01	<0.001	
				grained. 5cm diabase vein, magnetic at 3/3.80, TC @ 40 BC erosional @ 90. Apalite vein 378.78.36m @ 65 degrees TCA. BC diffuse @ 40 degrees TCA.	209690 209691	0.00 374.20	375.00	0 08	945 <5	c.0.01	<0.028 <	Std Oreas 15h
					209692	378.50	379.00	50	<5	<0.01	<0.001	
					209693	383.00	383.50	50	<5	<0.01	<0.001	-
					209694	383.50	384.00	50	<5	<0.01	<0.001	
383.93	393.82	Basalt	96	Basalt - Mafic volcanic - very fine grained, dark green, moderately to highly	209695	384.00	384.50	50	<5	<0.01	<0.001	
				Tractured with natritine calcritication. Withor brecciation & qtz veinlet 391-391.1m. Minor fine pvrite throughout. BC @ 70 degrees TCA.	209696	387.85	388.55	20	<5	<0.01	<0.001	
					209697	390.75	391.25	50	<5	<0.01	<0.001	
393.82	397.56	Diorite	14a	Diorite - medium grained white & black, non magnetic, BC @ 40 deg TCA		1000	00000					
				(Main phase)	209698	397.55	398.28	73	30	0.03	<0.001	
397.56	398.25	Diorite Marginal phase		Diorite - Marginal phase of diorite, dark smokey grey aphanitic groundmass with 0.5 -2mm plag phaneorysis and fine desseminated sulfides noted. Moderately mannetic $M = 0.35$ den TCA								
398.25	398.38	Diorite	14a	Diorite - Main phase vein. BC @ 35 deg TCA.								
398.38	400.14	Diorite Margin.		Diorite - marginal phase as above however non magnetic								
400.14	402.20	Diorite	14a	Diorite - main phase TC sharp @ 50 deg BC convoluted and sub parallel TCA.								
402.20	407.66	Diorite Margin.		Diorite - Marginal phase of diorite with some differentiating bands of plagioclase evident. BC is diffuse @ 50 deg TCA.								
407.66	407.90	Diorite	14a	Diorite - Main phase, as above BC @ 40 deg TCA								
407.90	414.40	Diabase Dyke	16d	I Diabase Dyke - non magnetic, very fine grained, porphyritic with a speckled appearance. Pale gray and dark green 0.5-2mm phenocrysts of plagioclase and chorinization.	209699	407.75	408.22	47	<5 /s	<0.01	<0.001	ducia cuito
17/03/	2013			Page 5 of 17							Crown BH L	OG MK-12-36

To Rock Rock Diorite Marginal phase - dark green v. fine graned/a 449.06 Diorite Margin. Diorite - Marginal phase - dark green v. fine graned/a with phagoclase and black choinized biolite 0.5-3m with a phagoting evident from the pop contact of a visit with a phagoting evident from the pop contact of a visit with a v	Rock Rock Description Diorite Margin. Diorite - Marginal phase - dark green / fine graned/a wither phaspocase and black chointrad biolite 0.5-3mm shearing owned from 422.5mn to the pip contact of a scalar and a scalar and a scalar and a scalar and an and	Rock Disorder Andrew Carl Control of Contro	Description Diorite - Marginal phase - dark green v. fine graned/a white plagoclase and black chloritized biotite 0.5-3m shearing avident from 252.5m to the op contact of a	phanitic groundmass with n phenocrysts. Previous small diabase	Sample 209701 200703	From 425.00	To 426.00	Interval 100 130	Au 5 75	Au 0.01	Au CO	MPOSITE
vein 4256 4427 2440 go doeg TCA on BC. TC broken. Calcified hairline fracturing prominent from 433-436.55m. calcite fractures. Decimeter scale mafit. BC @ 70 degree slightly ladder veined with calcite infill. BC @ 70 degree	vein 426 4427'24m @ 0 deg TCA n0 BC. TC broken . Calcified hardline fracturing prominent from 433-436.5m. calcier fractures. Decimeter scale mafic xenolitis 427.5 stightly ladder veined with calcite infil. BC @ 70 degree	vein 426.4-427.24m @ doeg TGA nBC. TC broken. Calcified harline fracturing prominent from 433-436.5m. calcite fractures. Decimeter scale matic xenolitis 427.5 slightly ladder veined with calcite infil. BC @ 70 degree	vein 426.4427.24m @ doeg TGA nB.C. TC broken. Calcified hairline fracturing prominent from 433-436.5m. calcile fractures. Decimeter scala mafic xenolitis 427.5 slightly ladder veined with calcite infill. BC @ 70 degree	@ 25-30 deg TCA. Minor pyrite noted on 428.1m.Lower 50cm s TCA	209702 209703 209704	426.00 435.50 448.50	427.30 436.50 449.00	130	<5 <5 <5 <5	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.001	
450.35 Diabase Dyke 16d Diabase Dyke - strongly magnetic, dark grey, very fine gra porphyritic central portion. TC @ 70 BC @ 50 deg TCA.	Diabase Dyke 16d Diabase Dyke strongly magnetic, dark grey, very fine gra porphyritic central portion. TC @ 70 BC @ 50 deg TCA.	16d Diabase Dyke - strongly magnetic, dark grey, very fine gra porphyritic central portion. TC @ 70 BC @ 50 deg TCA.	Diabase Dyke - strongly magnetic, dark grey, very fine gra porphyritic central portion. TC @ 70 BC @ 50 deg TCA.	ined on margins slightly	209705	449.00	450.00	100	<5	<0.01	<0.001	
450.58 Diorite 14a Diorite - main phase BC @ 60 deg TCA 450.32 Diabase Dyke 16d Diabase dyke - strongly magnetic as above BC @ 50 deg T	Diorite 14a Diorite - main phase BC @ 60 deg TCA Diabase Dyke 16d Diabase dyke - strongly magnetic as above BC @ 50 deg Tr	14a Diorite - main phase BC @ 60 deg TCA 16d Diabase dyke - strongly magnetic as above BC @ 50 deg T	Diorite - main phase BC @ 60 deg TCA Diabase dyke - strongly magnetic as above BC @ 50 deg T	CA	209706	450.00	451.00	100	<5 <5	<0.01	<0.001	
456.50 Diorite 14a Diorite - Main phase - white & black with orange tinged specks.	Diorite 14a Diorite - Main phase - white & black with orange tinged specks.	14a Diorite - Main phase - white & black with orange tinged specks.	Diorite - Main phase - white & black with orange tinged specks.	BC@50 deg TCA								
456.85 Diabase Dyke 16d Diabase Dyke - as above. BC eroded by diorite. 456.95 Diorite 14a Diorite - main phase	Diabase Dyke 16d Diabase Dyke - as above. BC eroded by diorite. Diorite 14a Diorite - main phase	16d Diabase Dyke - as above. BC eroded by diorite. 14a Diorite - main phase	Diabase Dyke - as above. BC eroded by diorite. Diorite - main phase		209707	456.30	457.00	02	\$	<0.01	<0.001	
458.61 Diorite margin. Diorite - Marginal phase - highly silicified towards base. BC @ 60 (Diorite margin. Diorite - Marginal phase - highly silicified towards base. BC @ 60 (Diorite - Marginal phase - highly silicified towards base. BC @ 60 (Diorite - Marginal phase - highly silicified towards base. BC @ 60 (teg TCA	209708	457.00	458.60	160	<5	<0.01	<0.001	
459.30 Diorite Sheared Diorite vein - dark green with white specks and partings. BC @ 75 deg TCA BC @ 75 deg TCA	Diorite Sheared Diorite vein - dark green with white specks and partings. Sheared vein BC @ 75 deg TCA	Sheared Diorite vein - dark green with white specks and partings. BC @ 75 deg TCA	Sheared Diorite vein - dark green with white specks and partings. BC @ 75 deg TCA		209709 209710	458.60 0.00	459.35 0.00	75 0	<5 8295	<0.01 8.3	<0.001 0.242 Sto	Oreas 62c
	,)))		209711	459.35	460.70	135	5	<0.01	<0.001	
460.71 Diorite 14a/c Diorite/Granodiorite - main phase of dome stock medium grained, bis I/Granodiorite orange and pink colour, slightly magnetic. BC @ 60 deg TCA	Diorite 14a/c Diorite/Granodiorite - main phase of dome stock medium grained, bit /Granodiorite /Granodiorite orange and pink colour, slightly magnetic. BC @ 60 deg TCA	14a/c Diorite/Granodiorite - main phase of dome stock medium grained, bla orange and pink colour, slightly magnetic. BC @ 60 deg TCA	Diorite/Granodiorite - main phase of dome stock medium grained, ble orange and pink colour, slightly magnetic. BC @ 60 deg TCA	ick, white,								
462.80 Diabase Dyke 16d 16d <th16d< th=""> <th16d< th=""> 16d</th16d<></th16d<>	Diabase Dyke 16d Diabase Dyke - Very fine grained dark grey to black at baked margin: Non manuetic BC @ 50 den TCA	16d Diabase Dyke - Very fine grained dark grey to black at baked margin: Non mannetic BC @ 50 ded TCA	Diabase Dyke - Very fine grained dark grey to black at baked margin: Non-mannetic BC @ 50 den TCA	<i>i</i>	209712 209713	460.70 461 70	461.70 462.85	100	<5 <5	<0.01	<0.001	
464.90 Diorite 14a Diorite - main phase, BC diffuse @ 75 degrees TCA	Diorite 14a Diorite - main phase, BC diffuse @ 75 degrees TCA	14a Diorite - main phase, BC diffuse @ 75 degrees TCA	Diorite - main phase, BC diffuse @ 75 degrees TCA		209714	462.85	463.15	30	<5	<0.01	<0.001	
475.31 Diorite margin. Diorite - marginal phase - smokey grey aphanitic vitreous groundmass while phigoclase and dark chloritized biolite phenocrysis. BC is diffus dea TCA.	Diorite margin. Diorite - marginal phase - smokey grey aphanitic vitreous groundmass white phagociase and dark chlonitized biotite phenocrysts. BC is diffus dea TCA.	Diortie - marginal phase - smokey grey aphanitic vitreous groundmass while plagoclase and dark chloritized biotite phenocrysts. BC is diffus dea TCA.	Diorite - marginal phase - smokey grey aphanitic vitreous groundmass white plagioclase and dark chloritized biotite phenocrysts. BC is diffus deg TCA.	s with pale e @ 50	209715	470.50	471.00	50	<5	<0.01	<0.001	
476.68 Diorite 14a Diorite - Main phase, medium grained, white & black with pink and oral feldspars through central portion. BC diffuse @ 40 deg TCA.	Diorite 14a Diorite - Main phase, medium grained, white & black with pink and oral feature feature feature feature	14a Diorite - Main phase, medium grained, white & black with pink and oral feldspars through central portion. BC diffuse @ 40 deg TCA.	Diorite - Main phase, medium grained, white & black with pink and orar feldspars through central portion. BC diffuse @ 40 deg TCA.	nge tinge to								
479.65 Diorite margin. Diorite - marginal phase as above. BC diffuse @ 40 deg TCA	Diorite margin. Diorite - marginal phase as above. BC diffuse @ 40 deg TCA	Diorite - marginal phase as above. BC diffuse @ 40 deg TCA	Diorite - marginal phase as above. BC diffuse @ 40 deg TCA									
482.20 Diorite 14a Diorite - main phase as above, however central portion 480.8-481.1 e. heavhed nale grean tinne and carries scattered 5-10mm greaters value	Diorite 14a Diorite - main phase as above, however central portion 480.8-481.1 e: heached nale mean time and carries scattared 5.10mm must veinte	14a Diorite - main phase as above, however central portion 480.8-481.1 e.	Diorite - main phase as above, however central portion 480.8-481.1 e: Hearbed rate mean time and carries scattered 5-10mm must's veine	xhibits a	209716	479.60	480.00	40 60	55 55 55	<0.01	<0.001	
BC is irregular @ 50 dea TCA.	BC is irregular @ 50 dea TCA.	BC is irregular @ 50 deg TCA.	BC is irregular @ 50 deg TCA.		209718	480.60	481.10	50	22	<0.01	<0.001	
))		209719	481.10	482.20	110	22 1	<0.01	<0.001	
101 70 Diskass Duks 16.4 Desciptulad adt at metion unaution and dad ana a	Dishace Dition 464 Baasibly haled anti-of matic valuanian year fine availand shark around	1.00 Danajahi halind mita nafia nafia nafia mata mata mata dani	December in the set of motion in the second second second in the second second in the second se	last	102/60Z	481.10	482.2U	110	9 4	10.02	20.001	6L/607 10 0
TC fractured, eroded and increasing 50 deg TCA, Hairine calcified fr	TC fractured, eroded and irregulation @ 50 deg TCA. Hairline calified fr	TC fractured, eroded and irregular (050 deg TCA. Hairline calcified fr	TC fractured, eroded and irregular @ 50 deg TC. Hairline calcified fr	actures and	171002	07:70L	01.001	101	, ,	10.07	100.00	
some quartz, fine pyrite noted. Slightly magnetic. BC irregular at 20 c Brecciated quartz vein 483.42-483.44m	some quartz , fine pyrite noted. Slightly magnetic. BC irregular at 20 c Brecciated quartz vein 483.42-483.44m	some quartz , fine pyrite noted. Slightly magnetic. BC irregular at 20 c Brecciated quartz vein 483.42-483.44m	some quartz , fine pyrite noted. Slightly magnetic. BC irregular at 20 c Brecciated quartz vein 483.42-483.44m	leg TCA	209722	483.45	484.70	125	<5	<0.01	<0.001	
485.51 Diorite 14a Diorite - main phase - medium grained white & black with fine pyrite. B	Diorite 14a Diorite - main phase - medium grained white & black with fine pyrite. B	14a Diorite - main phase - medium grained white & black with fine pyrite. B	Diorite - main phase - medium grained white & black with fine pyrite. B	C @ 45 deg	209723	484.70	485.50	80	<5	<0.01	<0.001	
487.33 Diabase Dyke 16d Diabase Dyke - very fine grained, dark green/black with scattered pyri	Diabase Dyke 16d Diabase Dyke - very fine grained, dark green/black with scattered pyri	16d Diabase Dyke - very fine grained, dark green/black with scattered pyri	Diabase Dyke - very fine grained, dark green/black with scattered pyri	te and	209724	485.50	486.00	50	<5	<0.01	<0.001	
minor qtz partings. BC diffuse @ 30 deg TCA	minor qtz partings. BC diffuse @ 30 deg TCA	minor qtz partings. BC diffuse @ 30 deg TCA	minor qtz partings. BC diffuse @ 30 deg TCA		209725	486.00	487.30	130	<5	<0.01	<0.001	
2013	Pa	Pa	Pa	ige 6 of 17							Crown BH LOG	MK-12-36

-

[136]

[137]

0	ROCK	Rock	Description	Sample	From	0	Interval	Au	Au	Au	OMPOSILE
3.71	Diorite	14a	Diorite - main phase as above, black & white with scattered qtz chlorite veinlets			000					
			becoming frequent beyond 579m. Small 5-10cm matic xenoliths appear @ 598m	209/54	581./5	582.50	6/	۲ ۲	<0.01	<0.001	
			3mm qrz veinlet sub parallel I CA 5/2./5-5/4.5m with slickensides perpindicular	GG/607	09.786	C2.29	6/	¢,	<0.01	100.0>	
				209756	583.25	584.00	75	\$5	<0.01	<0.001	_
			603.41-604.05m slightly sheared with mafic xenoliths and felsic veining	209757	603.40	604.15	75	<5	<0.01	<0.001	_
			210 0 210 0m showed str visiblet 🖗 20 des TCA	200760	C10 CU	£10.10	60	9/	1004	-0.004	
			o rouce of some privation of the verment of our degrad of the privation of the second	2021.202	010.00	013:10	00	7	10.02	100.02	
.32	Diorite margin.		Diorite - marginal phase - smokey grey aphanitic groundmass with white 1-3mm								
			plagioclase phenocrysts. Calcified hairline fractures are frequently highly fractured	209759	659.00	659.30	30	<5	<0.01	<0.001	
			@ 70 deg TCA. Veinlets of lower diorite dyke 651.04-651.08 @ 60 deg,	209760	659.00	659.30	30	<5	<0.01	<0.001	Oup of 209759
34	Diorite dvke	164	007.49-007.00 (@ 00 deg. Granodionite vein at 002.3-002.41 (@ 30 deg 10A. Diorite duke - verv fine grained light greenish grev TC & RC chloritic & sheared	200761	659 30	660 30	100	55	<0.01	<0.001	
5		2	BC 60 dea TCA	209762	660.30	661.35	105	5.5	<0.01	<0.001	
.60	Diorite margin.		Diorite - marginal phase with minor main phase flooding 671.8-672.4 & 674.5-675m	209763	661.35	661.65	30	<5	<0.01	<0.001	
			Sheared and remobilized 680.2-681.8m. Plagioclase phenocrysts down to 669.35								8
			then becoming finer with chloritized biotite becoming prominent	209764	682.50	683.25	75	<5	<0.01	<0.001	
				209765	683.25	684.00	75	<5	<0.01	<0.001	
				209766	684.00	684.55	55	<5	<0.01	<0.001	
5.12	Diorite	14a	Diorite - main phase - white with slight green tinge & black, medium grained. TC @ 40 dea. BC @ 70 dea. Slightly magnetic. pvr & cov noted near BC	209767	684.55	685.10	55	<5	<0.01	<0.001	
5.82	Diorite - shr		Diorite - sheared calcified similar to BB with cht/plag on contacts 7-10% pyr noted	209768	685.10	685.85	75	<5	<0.01	<0.001	
6.28	Diorite	14a	Diorite - main phase but with pink orange tinge to feldspars lower 10cm slight remob	209769	685.85	686.25	40	<5	<0.01	<0.001	
0.88	Diabase Dyke	16d	Diabase dyke - very fine grained, dark green to black, strongly sheared & calcified	209770	0.00	0.00	0	995	0.99	0.029 \$	Std Oreas 15h
			with some qtz lenses noted over top 1m. Shearing @ 75-80 deg TCA	209771	686.25	686.75	50	<5	<0.01	<0.001	
			TC @ 70 BC @ 40. 1cm qtz feld veinlet 689.30 with pyr & cpy	209772	686.75	688.00	125	<5	<0.01	<0.001	
				209773	688.00	689.25	125	<5	<0.01	<0.001	
				209774	689.25	689.50	25	<5	<0.01	<0.001	
				209775	689.50	690.20	20	<5	<0.01	<0.001	
				209776	690.20	690.90	20	<5	<0.01	<0.001	
1.70	Diorite	14a	Diorite- main phase, medium grained black & white, fine grained late injection	209777	690.90	691.20	30	<5	<0.01	<0.001	_
			phase 697.62-697.95m @ 30 deg I CA with tine chlorite chill on margins. Small					2			
			xenoliths of lower dyke noted near contact.	8//607	091.00	698.00	40	01	10.0	<0.001	
2.40	Diabase Dyke	16d	Diabase dyke - fine grained dark green/black slightly magnetic TC @ 50 deg TCA	209779	701.55	702.55	100	<5	<0.01	<0.001	
			BC convoluted @ 50 deg TCA	209780	0.00	0.00	0	<5	<0.01	<0.001 5	ilica Blank
0.48	Diorite	14a	Diorite - main phase as above. BC diffuse @ 50 deg TCA								
8.79	Diorite margin.		Diorite- marginal phase, white plag phenocrysts give way to dark chloritized biotite	209781	710.40	710.90	50	<5	<0.01	<0.001	
			downwards from 718m in a smokey grey vitreous groundmass.	001000	01 071	01 777	007	ų		100.01	
			Minor dioritic flooded segments with calcite and epidote alteration 713.65-715m	28/602	713.50	14.50	001	\$ 4	10.02	100.02	
			with pale greenish haloes around hairline tractures.	203/83	14.50	00.01/	100	S	10.0>	100.02	
			Diorite flooding 718.8-719.2	209784	718.75	719.50	75	<5	<0.01	<0.001	-
			3	209785	719.50	720.25	75	<5	<0.01	<0.001	
		_									
			Dana 8 of 17							Crown BH I C	DG MK-12-36

OMPOSITE				td Orane 62a	DIN DIESS DEC									1up of 209799													std Oreas 15h								JG MK-12-36
Au C	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	100.01	100.0>	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001 D	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		100 0	<0.001	<pre>0.03 S </pre>	<0.001		<0.001	<0.001	100.07	100.02		Crown BH LO
Au	<0.01	<0.01	<0.01	0.02	<0.01	0.04	000	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02		0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01			<0.01	 1.04 	<0.01		<0.01	<0.01	20.01	10.05		I
Au	S	<5	5	15	0430	40	or	G7	\$5	10	¢2	22	<5	<5	20	•	10	10	15	10	10	5	2			5	1040	10		<5	¥ 2	ç 4	0		I
Interval	50	75	50	75	50	50	16	¢/	75	100	100 75	100	75	75	50		50	75	75	75	75	50	75		01	50	100	50		06	110	011	nc		I
To	727.50	729.75	730.25	731.00	731.50	732.00	710 75	142.15	743.50	747.00	748.00	749.75	750.50	750.50	754.00		756.00	760.25	761.00	761.75	762.50	767.70	771.75		101 00	/85.00	0.00 786.00	786 50		792.90	705 10	193.10	00.067		I
From	727.00	729.00	729.75	730.25	731.00	731.50	110.00	/42.00	742.75	746.00	747.00	748.75	749.75	749.75	753.50		755.50	759.50	760.25	761.00	761.75	767.20	771.00		01.01	/84.50	0.00 785.00	786.00		792.00	792.90	705 10	/ 30,10		I
Sample	209786	209787	209788	209789	209791	209792	005000	209/93	209794	209795	209796	209798	209799	209800	209801		209802	209803	209804	209805	209806	209807	209808		000000	209809	209810	200812		209813	209814	203010	203010		I
Description		/2/-/31.5m qtz teidspar veinlets + tourmaline + pyrite	1 December 201 Dec	730-732m 1-2% fine pyrite + chalcopyrite in groundmass				Quartz reidspar veiniets /42.0011, /42.3034, /43.2034,	all @ 80-90 degrees TCA	746.2-746.5m fine ladder veining 5mm scale + pyr + cpy		Diorite Dyke - very fine grained, black with fine white specks, non magnetic, sheared @ 70 deo. TC @ 80 dea BC @ 75 dea TCA.	Diorite - marginal phase as above, phenocrysts becoming finer1-2mm chloritized	biotite with pale greenish haloes and occasional pyrite in a light grey vitreous	טרטעותוומסט, ווויה לאוונים מווט טומטטראלוונים ווטנים ווו וומוווונים וומטעונים					761-762m Sheared and quartz flooded with minor brecciation			BC diffuse @ 30 degrees TCA.	Diorite - main phase - medium grained black & white. BC diffuse @ 50 degrees TCA	Diorite - marginal phase as previous, vitreous grey groundmass with numerous white	& grey plagioclase 2-3mm phenocrysts.	Diabase Dyke - very fine grained, black, moderately sheared with hairline calcite fractured @ 70 degrees TCA. TC @ 40 deg. BC @ 30 deg TCA	Diorite - marcinal nhase - not as vitraous as nrevious somewhat "dirty" lower 2m	highly sheared with calcite infill on hairline fractures @ 50-80 degrees TCA.	BC convoluted & faulted contact @ 40 degrees TCA		Diretto manated abase but modium to fine mained with mean ablactitad biotite	Unorte - marginal phase our medurm to me granee with more conortized boute than plagioclase phencorysts. Scattered 2.4 cm mafic xenoliths throughout. BC megular (6) 60 degrees TCA.	Gabbro - Turkey Track marker bed - as before fine grained black groundmass with 1-2 x 10x20mm laths of white plagioclase. BC @ 65 degrees TCA.	Page 9 of 17
Rock																							_	14a	_		16d					+		16d	I
Rock	Diorite margin.	cont.										Diorite Dyke	Diorite Margin.	2										Diorite	Diorite Margin.		Diabase Dyke	Diorite Marcin	0			Disuite Mensio	DIOFILE Margin.	Turkey Track Gabbro	
To	748.79											749.70	771.40											778.62	785.20		785.95	795.03				000 53	56.200	806.45	2013
From	710.48											748.75	749.70											771.40	778.62		785.20	785 95				705.02	690.03	802.53	17/03/

6.45 813.75 Diorite Margin. 3.75 816.39 Tonalite 6.39 816.39 Diorite 6.39 818.98 Diorite 8.38 820.24 Diorite Dyke 0.24 824.40 Diorite		Diorite - marginal phase - as above however larger mafic xenoliths up to 8cm noted.									
3.75 816.39 Tonalite 6.39 818.98 Diorite 8.98 820.24 Diorite Dyke 0.24 824.40 Diorite		BC diffuse @ 70 degrees TCA.									
5.39 818.36 Diorite 5.38 828.4 Diorite Dyke 5.24 824.40 Diorite		Tonalite - late phase of diorite? Pale grey vitreous groundmass with 0.5-2mm black specks, some with diffuse edges, BC diffuse @ 60 degrees TCA									
.98 820.24 Diorite Dyke .24 824.40 Diorite	14a	Diorite - main phase - medium grained, black & white with scattered mafic xenoliths , 3cm wide qtz tourmaline vein parallel and just above BC.BC is convoluted @	209817	818.25	818.75	50	<5	<0.01	<0.001		
.24 824.40 Diorite	Ī	Du degrees I CA. Diorite Dyke - fine grained, medium greyish brown, contacts chilled. BC is slightly	209819	819.00	820.20	120	\$	<0.01	<0.001		Τ
.24 824.40 Diorite		sheared and chloritic @ 50 degrees TCA.	209820	0.00	0.00	0	<5	<0.01	<0.001	Silica Blank	
	14a	Diorite - main phase as above, minor mafic xenoliths near top, lower segment	209821	820.20	820.50	30	<5	<0.01	<0.001		
		displays slightly pink hue. BC slightly diffesed and sheared @ 20 degrees TCA.	209822	820.50	821.00	50	<5	<0.01	<0.001		Τ
			209823	821.00	822.00	100	<5	<0.01	<0.001		Τ
			209824	822.00	822.50	50	15	0.01	<0.001		
	Ť		209825	824.25	824.75	50	<5	<0.01	<0.001	-	Γ
.40 827.23 Diorite - baked		Diorite - Baked, granitic texture becoming sheared and indistinct in some seaments. relic texture visible in others. Minor atz/chlorite veinlets with cov noted	209826	824.75	825.25	50	<5	<0.01	<0.001		T
	~	824.8385 @ 55 deg & 825.1314 @ 70 degrees TCA. BC @ 60 degrees TCA.	209827	825.25	826.00	75	<5	<0.01	<0.001		
	-		209828	826.00	827.00	100	<5	<0.01	<0.001		
23 830.04 Diorite Dvke		Divrite Duke - verv fine crained clark crean/black with scattered calcite	209829	827.00	827.50	20	50	0.05	0.001		
		porphyries and specks of fine pyrite. Becoming finely laminated @ 65 deg TCA	209830	0.00	0.00	0	8855	8.85	0.258	Std Oreas 62c	
		with white plagioclase specks from 829m BC @ 50 degrees TCA.	209831	827.50	828.00	50	15	0.01	<0.001		
			209832	828.00	829.00	100	22 V	<0.01	<0.001		Τ
04 830 50 Diorite Marcin	ſ	Diorite - marcinal ohase with our & cov noted near TC_RC irrecular @ 30 den TCA	209833	829.00	830.50	001	\$	<0.01	<0.001		T
	40	Porote finangina pravo munipi a opjinova roat no mojana a ovadjion Porote fina aminod dark anome mafa udhoni udh porotijani omunadolajdal	200026	000.000	001.00	20	4	10.07	100.07		Γ
.20 043.01 Dasat	30	pasat - time grameu dank green manc voicame with occasional amyguational texture and calcified flowtops	20202	00.000	00.1 CO	nc	\$	10.05	100.05		
.81 844.60 Diabase sill	16d	Diabase sill - very fine grained, medium grey with fine calcite amygdales through central 20cm. Minor pyrite noted. TC @ 80 deg BC @ 88 deg TCA.									
.60 900.37 Basalt	q6	Basalt - as above fine grained, bluish grey with brecciated flowtops every 2-5m's. BC @ 30 degrees TCA.									
.37 906.87 Mafic Dyke	_	Mafic Dyke - porphyritic, possible feeder dyke of turkey track gabbro, scattered skeletal plaglociase lattice up to formi long as well as numerous finer phonocrysts by the second									
.87 909.02 Basalt - baked	96	E-omininer every mice grammer anomic groundmass: Do reg zo degrees for. Basel baked mafic volcanics flows as above with minor segments of diorite stroning and head oversite RC @ 60 Anorreas TCA.									
.02 909.80 Diorite	14a I	Diorite - main phase - medium grained, black and white.									
.80 911.81 Basalt - baked	90	Basalt - baked mafic volcanics as above. BC diffuse and irregular.									
.81 914.33 Diorite Margin.	_	Diorite - marginal phase with inclusions of main phase remnants.									
33 918.59 Diorite Dyke	149	Diorite - late phase - very fine grained, medium grey/white. BC @ 30 degrees TCA									
	143		209836	921.00	921.30	30	<5	<0.01	<0.001		
.32 923.85 Diorite Dyke	Ī	Diorite Dyke - fine grained as above, slightly darker colour index and	209837	921.30	922.60	130	15	0.01	<0.001		Γ
		1-2% pyrite in fine scattered specks.	209838	922.60	923.90	130	<5	<0.01	<0.001		
.85 925.25 Basalt - baked	96	Basalt - baked mafic volcanics as above, lower 10cm highly silicified.	209839	923.90	924.60	02	22 22	<0.01	<0.001	000000	
			209841	924.60	925.30	102	<5 5	<0.01	<0.001	0 01 203039	
17/03/2013		Page 10 of 17							Crown BH L(OG MK-12-36	

[140]

8 8x 0xm	m rock ro	until scattered 5-10em mafic senoliths e with scattered 5-10em mafic senoliths ares. fine to medium grained, porphyrite. BC @ 60 deg TCA - very fine grained as before. - very fine grained are before.	209842	925.30	925.60	30 30	Au <5	<0.01	AU 40	COMPOSITE	
132.01 2010 Dumention and 2011 Dumention benefician and 2011 Dumention benefician and 2011 Dumention benefician and 2011 Dumention benefician and 2011 Dumention benefician and 2011 Dumention benefician and 2011 Dumention and 2011 Dumention 2011 Dumention 2011 Dumention and 2011	928.87 Diorite margin. Diorite -marginal pit 929.00 Diorite Vele Pinses 923.12 Diorite -main pinses 932.12 Diorite Vele 140 Diorite -main pinses 933.32 Basalt - baked main Basalt - baked main Basalt - baked main 933.41 Diorite velin Diorite -velin Diorite -velin of main 933.17 Diorite velin Diorite velin Diorite -velin of main 933.17 Diorite velin Diorite velin Diorite -velin of main 933.17 Diorite velin Diorite velin Diorite -velin of main 933.17 Diorite velin Diorite velin Diorite -velin of main 933.17 Diorite velin Diorite velin Diorite -velin of main 933.17 Diorite velin Diorite velin Diorite -velin of main 943.65 Diorite velin Diorite velin Diorite -velin of main 943.65 Diorite margin. Diorite -velin Diorite -velin Diorite -velin of main 953.55 Basalt - baked 95 Basalt - baked main Diorite -velin of main <th>nase, fine to medium grained, porphyritic. BC @ 60 deg TCA - very fine grained as before. e - why Foltom matic volcanic swollths. BC @ 50 deg TCA for flows. bluish meen crew or colour with a diffuse</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>T</th>	nase, fine to medium grained, porphyritic. BC @ 60 deg TCA - very fine grained as before. e - why Foltom matic volcanic swollths. BC @ 50 deg TCA for flows. bluish meen crew or colour with a diffuse									T
1000 Dering Dering (M1, M2, M2, M2, M2, M2, M2, M2, M2, M2, M2	923.00 Diorite Dyke Diorite - late phase 933.12 Diorite with the bit of main phase 933.21 Diorite - late phase 933.23 Basalt - baked main 9 Basalt - baked main 933.13 Basalt - baked main 9 Basalt - baked main 933.17 Diorite vain Diorite vain Diorite vain 933.17 Diorite vain Diorite vain Diorite vain dr 933.17 Diorite vain Diorite vain Diorite vain dr 933.17 Diorite margin. Diorite margin dr Diorite marginal dr 943.65 Diorite margin. Diorite margin dr Diorite marginal dr 950.05 Diorite margin. Diorite marginal dr Diorite marginal dr 953.55 Basalt - baked 9 Basalt - baked main dr Basalt - baked main dr 953.55 Basalt - baked 9 </td <td> very fine grained as before. e with 5-10cm mafic volcanic xenoliths. BC @ 50 deg TCA fic flows. bluish green grev colour with a diffuse </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>T</td>	 very fine grained as before. e with 5-10cm mafic volcanic xenoliths. BC @ 50 deg TCA fic flows. bluish green grev colour with a diffuse 									T
932.13 Destination: and inflates: and inflates	333.12 Diorite Two Two 333.12 Diorite 14c Diorite Two 333.12 Basalt baked 3b Basalt baked	 vory mice grammed as accord. e - with 5-10cm matic volcanic scholiths. BC @ 50 deg TCA for flows, bluish oreen orev colour with a diffuse 	200843	028 70	02 0 20	50	<5	<0.01	<0.001		Ι
9333 Bainti Jaskid	335.32 Basalt - baked main Basalt - baked main 935.46 Basalt - baked main Basalt - baked main 937.42 Basalt - baked main Diorite - vein of main 938.17 Diorite vein of main Basalt - baked main with fine black spect 944.64 Basalt - baked main black spect 965.27 Basalt - baked main black spect 965.27 Basalt - baked main black spect 965.21 Basalt - baked main black spect 97.45 Basalt - baked main black spect 97.45 Basalt - baked main black spe	ic flows. bluish areen arev colour with a diffuse	010004	01:070	02:020	8	?	10.02	100.01		T
Image: Section of the section (SC (S) (Section (Sectin (Sectin (Section (Sectin (Sectin (Section (Section (Section (S	935.05 Diorite vein motiled texture BC 937.42 Basalt - baked 9b Basalt - baked main 937.42 Basalt - baked 9b Basalt - baked main 937.42 Basalt - baked 9b Basalt - baked main 938.17 Diorite vein * Diorite - vein of main 938.17 Diorite vein * Diorite - vein of main 944.64 Basalt - baked 9b Basalt - baked main 949.65 Diorite margin. Diorite - marginal place 949.65 Diorite margin. Diorite - marginal place 949.65 Diorite margin. Diorite - marginal place 959.05 Diorite margin. Diorite - marginal place 959.55 Basalt - baked 9b Basalt - baked main 953.57 Basalt - baked 9b Basalt - baked main 953.58 Basalt - baked 9b Basalt - baked main 953.58 Basalt - baked 9b Basalt - baked main 953.58 Basalt - baked 9b Basalt - baked main 953.58										Γ
1 935/6 bit Differential bit Differential bit <thdiffer< td=""><td>935.96 Diorite vein Diorite vein Diorite vein 937.42 Basatt - baked 9b Basatt - baked mañ 93.17 Diorite vein 9b Basatt - baked mañ 94.64 Basatt - baked 9b Basatt - baked mañ 94.65 Diorite vein 9b Basatt - baked mañ 94.65 Diorite margin. Diorite - marginal plagiodase and bi 950.05 Diorite margin. Piagiodase and bi 950.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.32 Diorite margin. 14a Dorite marginal pi</td><td>C @ 30 degrees TCA.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></thdiffer<>	935.96 Diorite vein Diorite vein Diorite vein 937.42 Basatt - baked 9b Basatt - baked mañ 93.17 Diorite vein 9b Basatt - baked mañ 94.64 Basatt - baked 9b Basatt - baked mañ 94.65 Diorite vein 9b Basatt - baked mañ 94.65 Diorite margin. Diorite - marginal plagiodase and bi 950.05 Diorite margin. Piagiodase and bi 950.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.55 Basatt - baked 9b Basatt - baked mañ 953.32 Diorite margin. 14a Dorite marginal pi	C @ 30 degrees TCA.									-
Bit Internet Bittel: bland Beatt: bland	937.42 Basalt - baked 9b Basalt - baked main 938.17 Diorite vein* Diorite - vein of main 938.17 Diorite vein* with fine black spoc 944.64 Basalt - baked 9b Basalt - baked main 943.65 Diorite marginal Diorite - marginal plass 949.65 Diorite margin. Diorite - marginal plass 950.05 Diorite margin. F-10mm qtz vein at 959.55 Basalt - baked 9b 959.55 Basalt - baked 9b 953.55 Basalt - baked 9b 953.55 Basalt - baked 9b 953.32 Diorite margin. Diorite - marginal plass 953.32 Diorite margin. Diorite - marginal plass 953.55 Basalt - baked 9b 953.55 Basalt - baked 9b 953.55 Basalt - baked 9c	in phase diorite. BC @ 80 degrees TCA.									
9317 Durite value Data Durite value Durit Durit Durite value<	938.17 Diorite vein * Diorite vein of mathematic mathatwait mathematic mathatematic mathematic mathematic mathe	ic flows as above. BC @ 50 degrees TCA.									
04/64 Beatt - balod 04/64 Color	944.64 Basalt - baked 9b Basalt - baked mafi 1 944.64 Basalt - baked 9b Basalt - baked mafi 1 949.65 Diorite margini. Diorite marginal plagioclase and bi 5 5 Diorite margini. Diorite marginal plass 999.55 Basalt - baked 9b Basalt - baked mafi 999.55 Basalt - baked 9b Basalt - baked mafi 953.32 Diorite marginal plass Basalt - baked mafi 9c 963.32 Diorite margini. Diorite - marginal plass 963.45 Basalt - baked 9c Basalt - baked mafi 971.60 Diorite Basalt - baked mafi 9c	rginal phase diorite, light grey, very fine grained groundmass cks. BC @ 50 degrees TCA.									
No. Doller B000 Doller Stote B000 B0000 B0000	1 949.65 Diorite margin. Diorite - marginal plagioclase and bio plagioclase and bio plagioclase and bio plagioclase. 5 949.65 Diorite margin. Diorite - marginal plagioclase and bio plagioclase. 6 950.05 Diorite 14a Diorite - marginal plagioclase and bio plagioclase. 6 950.05 Diorite 14a Diorite - marginal plagioclase and bio plagioclase. 6 950.05 Diorite 14a Diorite - marginal plagioclase and bio plagioclase. 6 950.55 Basalt - baked 9b Basalt - baked margin. 7 963.32 Diorite - marginal plagioclase and bio plagioclase. 7 963.32 Diorite - marginal plagioclase. 7 963.32 Diorite - marginal plagioclase. 7 963.32 Diorite - marginal plagioclase.	ic flows as above. Pyrite & pyrrhotite noted 940.3-940.4m		8						2	
I 9436 Diorite margini. Diomatic margini galace and blotte phenocytask Minor manipulses within a within endormas within a manipulse and stratism. 200401 Color	I 949.65 Diorite margin. Diorite - marginal plant 6 949.65 Diorite - marginal plant 5-10mm qtz vent at 6 959.05 Diorite 14a Diorite - marginal plant 9 959.55 Basalt - baked 9 Basalt - baked 95 6 963.32 Diorite marginal Diorite - marginal plant Calcified hairline fractioner at 655.21 6 963.32 Diorite margin. Diorite - marginal plant Diorite - marginal plant 7 963.32 Diorite margin. Diorite - marginal plant Diorite - marginal plant 6 967.45 Basalt - baked 9 Basalt - baked maif 971.60 Diorite 14a Diorite - main plants		209844	940.20	940.50	30	<5	<0.01	<0.001		
Image: Section of the product state of the produc	Second	hase - as before, smokey grey viteous groundmass with fine									Π
8 930.05 Dention 14 Dention 14 Dention 14 Dention 14 Dention 14 Dention 14 Dention Dention <td>5 950.05 Diorite Tain phase 5 939.55 Basalt - baked 9b Basalt - baked 9b 6 93.55 Basalt - baked 9b Basalt - baked 9b 7 Anionor Kie Basalt - baked 9b Basalt - baked 9b 6 953.32 Diorite margin. Diorite - margin. Diorite - main phase 7 967.45 Basalt - baked 9b Basalt - baked main 7 971.60 Diorite - margin. Diorite - main phase</td> <td>otite phenocrysts.Minor main phase flooding 946.4575m t 946.30m. Mod. fractured/broken by drilling 947.2555m.</td> <td>209845</td> <td>946.25</td> <td>946.75</td> <td>50</td> <td><5</td> <td><0.01</td> <td><0.001</td> <td></td> <td></td>	5 950.05 Diorite Tain phase 5 939.55 Basalt - baked 9b Basalt - baked 9b 6 93.55 Basalt - baked 9b Basalt - baked 9b 7 Anionor Kie Basalt - baked 9b Basalt - baked 9b 6 953.32 Diorite margin. Diorite - margin. Diorite - main phase 7 967.45 Basalt - baked 9b Basalt - baked main 7 971.60 Diorite - margin. Diorite - main phase	otite phenocrysts.Minor main phase flooding 946.4575m t 946.30m. Mod. fractured/broken by drilling 947.2555m.	209845	946.25	946.75	50	<5	<0.01	<0.001		
5 933.53 Baaat - baked calified managine. 6 933.34 Contine margine. Contine calified managine. Contine c	5 959.55 Basalt - baked mafile 7 959.55 Basalt - baked mafile 7 7 1000000000000000000000000000000000000	e with mafic volcanic xenoliths									
5 953.32 Diorite margin. Statil control margin.	5 963.32 Diorite margin. Diorite - marginal pl 2 967.45 Basalt - baked 9b Basalt - baked margin 2 967.46 Basalt - baked 14a Diorite - main phase 5 971.60 Diorite 14a Diorite - main phase	ic volcanics, very fine grained, medium to dark grey with actures. Brecciatiated fault with qtz infill 953.3441m. 730m @ 50 degrees TCA.	209846	953.25	953.75	50	<5	<0.01	<0.001		
2 97.15 Basatt-taked 16 Desite: taked of methoder outconice, as show with and black within and black w	2 967.45 Basalt - baked 9b Basalt - baked mafi 5 971.60 Diorite 14a Diorite - main phase	hase light grey vitreous groundmass with fine white and black 65 degrees TCA									
5 97160 Dorte 14 Dorte 41 Dorte 41 Dorte Annolity Annoni Annoni Annoni	5 971.60 Diorite 14a Diorite - main phase	ic volcanics, as above with minor marginal diorite flooding									
0 975.46 975.30 Dordine marginal binate regional phase 15 double. Dordine valim Dordine valim Pasa 16 double valim Dordine valim Dordin Dordin Dordin Dordine valim Dordine valim Dordine valim Dordi	xenoliths throughou	e, medium grained, white and black with mafic volcanic ut and increasing towards base. TC @ 40 deg BC @ 60 deg									
5 973.30 Dionter vein. Dionter vein. Dionter vein. Dionter vein. Dionter vein. Automation. Automation. <t< td=""><td>0 974.65 Diorite margin. Diorite - marginal pl</td><td>hase as above.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	0 974.65 Diorite margin. Diorite - marginal pl	hase as above.									
0 983.30 Diorite margin. Dioon. Diorite margin. Dioon. <td>5 975.30 Diorite vein Diorite vein - main p</td> <td>phase TC @ 45 deg BC @ 30 degrees TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	5 975.30 Diorite vein Diorite vein - main p	phase TC @ 45 deg BC @ 30 degrees TCA									
0 983-66 Diorite - marginal diorite replacing rafks of mafic volcanics, textures vary between Addition of the marginal diorite replacing rafks of mafic volcanics, textures vary between 6 992.38 Basait-baked 36 Diorite - marginal diorite replacing rafks of mafic volcanics, vary fine grained, bueiki green grey, minor pyrite Addition of the marginal diorite replacing more with the grained, bueiki green grey, minor pyrite Addition of the marginal diorite replacing more with the grained, bueiki green grey, minor pyrite Addition of the marginal diorite replacing more with the grained, bueiki green grey, minor pyrite Addition of the marginal diserves for cooled by main phase flooring. Addition of the marginal diserves for the grained, bueiki green grey, minor pyrite Addition of the marginal diserves for the grained, bueiki green grey, minor pyrite Addition of the marginal diserves for the grained, bueiki green grey, minor pyrite Addition of the marginal diserves for the grained, bueiki green grey, minor pyrite Addition of the grained, green green addition of the grained, marginal diserves for the grained more for the grained more for the grained marginal diserves for the grained more for the	0 983.90 Diorite margin. Diorite - marginal pl BC diffuse into low	ihase - as above, 2cm shear with pyrite 982.14 @ 50 deg TCA. ver baked volcanics.	209847	982.00	982.50	50	<5	<0.01	<0.001		
6 392.88 Basalt - baked male volcanic, very fine grained, blueish green grey, miror pyrite 8 996.00 Diorite 14 Diorite 1005.05 Diorite 1005.00 1001.05 1002.00 1002.00 100 00 00 00 100 00 100 00 100 100 00 100	0 989.66 Diorite margin.* Diorite - marginal di ianeous and volcar	liorite replacing rafts of mafic volcanics, textures vary between nic.									
8 996.00 Dorite marginul phase. BC irregular Address in a blankse with seditered main phase floading. Address in a blank but seditered main but seditered main but seditered sediatered main but sediatered main but sediatered but sediatered main but sediatered sediatered main but sediatered but sediatered main but sediatered sediatered main but sediatered but sediatered but sediatered sediatered but	6 992.88 Basalt - baked 9b Basalt - baked mafi and calcite on fract	ic volcanic, very fine grained, blueish green grey, minor pyrite ures. BC eroded by main phase diorite									
0 997.40 Diorite margin. Diorite margin. Diorite margin. Diorite margin. Diorite margin. Columnation	8 996.00 Diorite 14a Diorite - main phase	e, BC irregular									
0 T002.05 Andesite - baked mafic to intermediate volcanics, fine grained, medium greenish provisite - baked mafic to intermediate volcanics, fine grained, medium greenish gray with fieldspatic segments 999-1001m; 1-2mm calcite anygdales are primitated GA degrees - To 2000 1000 1000 000 000 000 000 000 000	0 997.40 Diorite margin. Diorite - marginal pl	hase with scattered main phase flooding.									
D5 Totols 85 Diorite - main phase diorite replacing mafic volcanic unit, with main diorite 208845 TOO2 TOO3 C C/01	0 1002.05 Andesite - baked 9b Andesite - baked m grey with feldspath orientated @ 40 de	rafic to intermediate volcanics, fine grained, medium greenish lic segments 999-1001m. 1-2mm calcite amygdales are egrees TCA from 1001.15-1002m.	209848	1001.50	1002.00	50	<5	<0.01	<0.001		
Prominent over lower 1.1m with 10-15cm scale martic xenoliths. 208851 0.00 0.00 0.03 Skd Oreas 15h 208855 1003 00 1033 00 60 6 0.01 6001 6 208855 1003 00 1003 00 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 6 6 0.01 0.01 1 0 0 10 0.01 1 1 2 20855 1004.40 10 0.01 0.01 0.01 1 1 2 2 6 0.01 0.001 1 1 0.001 0.01 0.01 0.01 0.01 1 0.01 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01	35 1005.85 Diorite 14a Diorite - main phase	e diorite replacing mafic volcanic unit, with main diorite	209849	1002.00	1003.00	100	<5	<0.01	<0.001		Π
17/03/2013 Page 11 of 17 Crown BH LOG MK-12-36 Crown BH COM Crown BH LOG MK-12-36 Crown BH COM Crown BH LOG MK-12-36 Crown BH COM	prominent over lov	wer 1.1m with 10-15cm scale mafic xenoliths.	209850	0.00	0.00	0	1030	1.03	0.03	Std Oreas 15h	
T7/03/2013 T003.40 T004.40 50 25 0.001 T Page 11 of 17 209854 1004.90 1006.00 110 <5			209851	1003.00	1003.90	90	<5	<0.01	<0.001		
17/03/2013 7004.40 1004.41 1004.40 1004.41 1004.40 1004.40 1004.40 1004.41 1004.41 1004.40 1004.41 1004.41 1004.41 1004.41 1004.41 1004.41 1004.40 1004.41 <td></td> <td></td> <td>209852</td> <td>1003.90</td> <td>1004.40</td> <td>50</td> <td>25</td> <td>0.03</td> <td><0.001</td> <td></td> <td></td>			209852	1003.90	1004.40	50	25	0.03	<0.001		
17/03/2013			209853	1004.40	1004.90	50	22	<0.01	<0.001		
17/03/2013 Page 11 of 17 Crown BH LOG MK-12-36			209854	1004.90	1006.00	110	22	<0.01	<0.001		
7/03/2013 Page 11 of 17 Crown BH LOG MK-12-36											
	17/03/2013	Page 11 of 17							Crown BH L(JG MK-12-36	

																					1		T													Γ
COMPOSITE						Silica Blank													Std Oreas 62c														Dup of 209881			
٩n	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001	0.261	<0.001			10001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
٩n	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	8.96	0.01			10.04	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Au	<5	<5	<5	<5	<5	<5	<2>	<5	<5	<5				<5	<5	<5	<5	<5 <5	8955	10	2		51	Ŷ	<5		<5	<5	s5	<5	\$5	<5	<5	<5	<5	
Interval	68	50	77	50	50	0	50	50	50	55				25	72	60	35	43	0	50	8		76	6/	75		40	60	60	40	100	50	50	50	70	
To	1006.68	1007.18	1007.95	1008.45	1008.95	0.00	1009.45	1009.95	1010.45	1011.00				1019.48	1020.20	1020.80	1021.15	1021.58	0.00	1022.08			1007 05	C8.1201	1028.60		1031.40	1032.00	1032.60	1033.00	1042.30	1042.80	1043.30	1043.30	1044.00	
From	1006.00	1006.68	1007.18	1007.95	1008.45	0.00	1008.95	1009.45	1009.95	1010.45				1019.23	1019.48	1020.20	1020.80	1021.15	0.00	1021.58	0011401		1007 40	1021.10	1027.85		1031.00	1031.40	1032.00	1032.60	1041.30	1042.30	1042.80	1042.80	1043.30	
Sample	209855	209856	209857	209858	209859	209860	209861	209862	209863	209864				209865	209866	209867	209868	209869	209870	209871	- 0004		020000	7/98/2	209873		209874	209875	209876	209877	209878	209879	209880	209881	209882	
Description	Diorite - marginal phase as usual except 7-10% pyrite throughout unit in fine	deseminated specks and clusters as well as hairline fracture infill.								Basalt - baked mafic volcanic, very fine grained, dark greenish grey with fine	black specks. BC is irregular at 30 degrees TCA.	Diorite - main phase, with numerous 20cm plus xenoliths of mafic volcanics.	Basalt - baked mafic volcanic, very fine grained, dark green with minor diorite replacement. BC @ 85 degrees TCA.	Diorite - main phase medium grained white & black, BC @ 85 degrees TCA.	Lamprophyric Dyke - very fine grained, dark brown grey groundmass with biotite,	plagioclase and specks of pyrite throughout. Central portion is sheared	1020.82-1021.12 @ 85 degrees TCA and has a similar appearance to sheared	diorite dyke encountered higher that resembled the Bishops Break lithology.	Diorite - main phase with large xenoliths of mafic volcanics.			Diorite - marginal phase, fine grained, white and black with scattered intrusions of		basait - baked matic voicanics sheared at 1027.0m @ 40 degrees 1 CA with tine	bands of pyrite noted. Hairline fractures 1028-1028.5m with calcite.	Diorite - marginal phase, fine grained, brownish grey with scattered intusions of diorite becoming prominent comvarats, 1042.4.45m is a BB style sheared diorite with quartz and chilorite partings.										
Rock										96		14a	96	14a	16d				14a				-10	90												
Rock	Diorite margin.									Basalt - baked		Dorite	Basalt - baked	Diorite	Lamprophyric	Dyke			Diorite			Diorite margin.	Decela Marcal	Basalt - Daked		Diorite margin.										
To	1010.43									1014.01		1017.45	1019.26	1019.49	1021.56				1023.02			1027.08	1000 55	CC.8201		1045.70										
From	1005.85									1010.43		1014.01	1017.45	1019.26	1019.49				1021.56			1023.02	00 2001	80.720L		1028.55										

17/03/2013

Page 12 of 17

Crown BH LOG MK-12-36

										2 2		15h											I													62c		
SOUNDO										50 50		Std Oreas														Silica Blank										Std Oreas		
	2		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001	0.03	<0.001	<0.001	0.004	0.004	<0.001	1000	<0.001			<0.001	<0.00	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.262	0.001	<0.001
	2		<0.01	<0.01		<0.01	<0.01	0.02	<0.01		<0.01	1.02	<0.01	<0.01	0.4.4	0.14	<0.01	-0.04	<0.01			<0.01	<0.01	<0.01	0.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	8.97	0.04	<0.01
	2		<5	<5	,	5	5	15	5	81 - 18 - 1	<5	1020	5	<5	105	133	<5	ų	ŝ			ςς γ	4	\$	>	<5	<5	<5	<5	<5	\$5	<5	<5	<5	<5	8970	45	<5
at a second s			50	50		50	50	60	50		35	0	50	30	EO.	ne	50	c,	20		;	50	50	50	8	0	50	75	100	100	100	25	75	100	100	0	100	50
4	2		1047.50	1048.00		1054.70	1055.20	1055.80	1056.30	2 2	1060.35	0.00	1060.85	1061.15	1000 50	00.0001	1066.00	101011	G1.2.10L			1091.00	100200	1092.50	00:400	0.00	1095.00	1095.75	1096.75	1097.75	1098.75	1099.00	1099.75	1100.75	1101.75	0.00	1102.75	1103.25
Erom			1047.00	1047.50		1054.20	1054.70	1055.20	1055.80		1060.00	0.00	1060.35	1060.85	1062.00	1003.00	1065.50	10100	GZ:7/01			1090.50	1001 50	1092.00	00:2001	0.00	1094.50	1095.00	1095.75	1096.75	1097.75	1098.75	1099.00	1099.75	1100.75	0.00	1101.75	1102.75
-			209883	209884		209885	209886	209887	209888		209889	209890	209891	209892	00000	203033	209894	100000	G68607			209896	200808	209899	200007	209900	209901	209902	209903	209904	209905	209906	209907	209908	209909	209910	209911	209912
Description	Diorite - main phase - coarse to very coarse grained in segments. Mafic xenoliths	1049-1052 & 1061-1062m. Some sheared and calcified segments sampled,	pyrite and chalcopyrite noted 1047.23m	- 2000 ····· 2000			1054.75-1054.95m 7cm milky qtz vein @ 20 deg TCA with 2mm dia fuzzy garnets					Diorite Dyke - sheared fine grained, TC friable @ 60 degrees TCA. Fine pyrite.		Diorite - Main phase - very coarse grained, sheared in segments with 1cm qtz	carbonate vein at 1063.2/m @ /0 deg @ 1cm Utz vein at 1065./9@ 40 degrees	TOA. TOTTI QLE TENSE ON STIERE AT TOTZ.OTTI @ 30 GEGREES TOA. Epidote namine Ifractures 1075m & 1082.5m				Diorite - marginal phase - medium to fine grained plagioclase phenocrysts in a	dirty grey brown vitreous groundmass. Minor main phase diorite flooding noted.	IDiorite - main phase, highly sheared with vuggy quartz and crystals noted 1001 20.1002m. Decimater scale venolities of matic volcanics towards base						1cm milky qtz vein at 1095.45 @ 25 degrees TCA. BC sheared @ 35 degrees TCA.	Diorite - marginal phase - fine grained dirty grey groundmass with 1-3mm plag	phenocrysts. Scattered shears have calcite alteration and minor up to 2cm wide	quartz veins. 1098-1099m is coarser grained and appears more like main phase.	1098.895m well mineralized with pyrite and chalcopyrite at 3-5%.	Minor BB style shear at 1099.65 @ 50 degrees TCA		1101.35-1103.3m strongly sheared @ 30 degrees TCA near the top zone and at	65 degrees TCA towards bottom contact. BC is @ 60 degrees TCA.		
Doct	14a	f									_	2	_	14a							-	14a							2									
Dock	Diorite											Diorite Dyke		Diorite						Diorite margin.		Diorite							Diorite margin.									
£	1060.38	00000										1060.79		1085.42						1090.80		1095.65							1103.30									
Erom	1045.70											1060.38		1060.79						1085.42		1090.80							1095.65									

17/03/2013

Page 13 of 17

Crown BH LOG MK-12-36

[143]

Minimum current Minim current Minimum curr	Rock Rock Sheared diorite dvke - "Bishon'	ck Sheared diorite dvke - "Bishon'	Sheared diorite dvke - "Bishon'	Description s Break" horizon at 60 ded TCA. Central portion	209913	From 1103.25	1104.15	Interval 90	Au ⊲5	Au <0.01	Au <0.001	COMPOSITE
Print noted 200911 1104.45 (105.10) 1104.15 (105.10) 30 (105.10) 40 (105.10) 40 (1	Niorite sheared 1104.18-1104.65 and lower contact highly sheared & brecciate	1104.18-1104.65 and lower contact highly sheared & brecciate	1104.18-1104.65 and lower contact highly sheared & brecciate	ed with quartz infill +	209914	1104.15	1104.45	30	\$	<0.01	<0.001	
Printe noted 200916 1104.75 1105.16 35 45 0.01 0.001	pyrite + chalcopyrite.	pyrite + chalcopyrite.	pyrite + chalcopyrite.		209915	1104.45	1104.75	30	<5	<0.01	<0.001	
Prime tune 2003/11 1100/10 55 5 6 0/01	110E 110E E0m lata above una fine analysis with 2 EW fin	110E 110E 60m lata above versifing and dignits with 3 EV fin	110E 110E E0m lats above unit fine and directs with 2 EV fine	potos antes	209916	1104.75	1105.10	35	¥	<0.01	<0.001	
2009/10 1106.16 36 <5 0.01 0.001 0.01 0.001 0 200920 1107.10 1107.50 50 <5			ו ונטביו ו נטטיטווו ומנפ טוומאס אבוץ ווווס טומוויסט מוסוונס אונוו טיט / ווווג		209918	1105.45	1105.80	35	25	<0.01	<0.001	
QB001 T1010-16 T1010-0 50 <5 <0.01 <0.001 Dmp of 200921 Z00223 T106-45 T10700 56 <5					209919	1105.80	1106.15	35	<5	<0.01	<0.001	
dum grained 209921 110/5 of 1107/50 1107/50 56 55 60/1 60/01 Dop of 209521 209922 1107/50 1107/50 50 5 0.01 0.001 Dop of 209521 209922 1107/50 1109/50 56 5 0.01 0.001 Dop of 20921 209926 1109/50 1109/50 56 5 0.01 0.001 Dop of 20921 A. 209929 1114.00 1119.00 30 5 5 0.01 0.001 Dop of 20921 A. 209929 1114.00 1114.00 1114.00 1114.00 1114.00 1114.00 1114.00 1114.00 1000 0.001 Dop of 2001 Dop of 200	BC @ 45 degrees TCA.	BC @ 45 degrees TCA.	BC @ 45 degrees TCA.		209920	1106.15	1106.45	30	€5	<0.01	<0.001	
Allowing Totol Allowing <thtotol allowing<="" td=""><td>Diorite margin. Diorite - fine to medium grained marginal phase intermixed with medium</td><td>Diorite - fine to medium grained marginal phase intermixed with med</td><td>Diorite - fine to medium grained marginal phase intermixed with mer</td><td>dium grained</td><td>209921</td><td>1106.45</td><td>1107.00</td><td>55</td><td>\$2</td><td><0.01</td><td><0.001</td><td></td></thtotol>	Diorite margin. Diorite - fine to medium grained marginal phase intermixed with medium	Diorite - fine to medium grained marginal phase intermixed with med	Diorite - fine to medium grained marginal phase intermixed with mer	dium grained	209921	1106.45	1107.00	55	\$2	<0.01	<0.001	
Scale metic 2093/21 11/10.50	main phase diorite carrying small matic volcanic xenoliths	main phase diorite carrying small matic volcanic xenoliths	main phase diorite carrying small matic volcanic xenoliths		206672	1106.45	1107.00	55	¢5	<0.01	<0.001	Dup of 209921
Consist T101-30 T100-30 T100-30 T100-30 T100-30 T001 C001 C001 <thc01< th=""> <thc01< t<="" td=""><td></td><td></td><td></td><td></td><td>200001</td><td>110/.00</td><td>09.7011</td><td>50</td><td>ŝ</td><td>10.02</td><td><0.001</td><td></td></thc01<></thc01<>					200001	110/.00	09.7011	50	ŝ	10.02	<0.001	
colarse T100.00 T100.00 T100.00 T100.00 T100.00 T0001 C001 C001 <thc01< th=""> <thc01< <="" td=""><td></td><td></td><td></td><td></td><td>203924</td><td>00 0011</td><td>1108.00</td><td>200</td><td>ç 4</td><td>10.02</td><td>100.02</td><td></td></thc01<></thc01<>					203924	00 0011	1108.00	200	ç 4	10.02	100.02	
ceale mafte 20992/2 1100.6/6 1110.0/0 36 <6/01 <0.01 <0.01 black 20992/8 1114.30 1115.00 30 <5					926602	1109.00	1109.65	901	\$2	<0.01	<0.001	
Biotic 209928 1114.00 1114.30 70 <5 <0.01 <0.001 209929 1114.30 1115.00 70 <5	Norite 14a Diorite - main phase - medium grained, white & black with decimeter s	a Diorite - main phase - medium grained, white & black with decimeter s	Diorite - main phase - medium grained, white & black with decimeter s	cale mafic	209927	1109.65	1110.00	35	<5	<0.01	<0.001	
Idek 209928 1114.30 115.30 30 <5 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0	Volcanic Xenoliths Viorite Duke - fine grained dictu hrown TC & BC @ 45 degrees TCA	Volcanic Xenoliths Diorite Duke - fine grained dirty brown TC & BC @ 45 degrees TCA	Volcanic xenoliths Divrite Duke - fine grained dicty brown TC & BC @ 45 degrees TCA									
and and 209928 209928 1114.00 1114.30 30 <5 <0.01 <0.001 209930 1114.30 1116.00 0 0 6 <0.01	Norite 14a Diorite - main phase diorite as above.	a Diorite - main phase diorite as above.	Diorite - main phase diorite as above.									
and 20930 1113.00 1115.00 70 <5 <0.01 <0.01 Std Oreas 15h 209303 1118.70 1118.70 30 <5					209928	1114.00	1114.30	30	€5	<0.01	<0.001	
and 209930 100 00 00 00 00 103 104 003 3td Oreas 15h 209931 118/70 1119.50 30 55 001 0001 0001 0001 209933 1110.50 1120.30 80 55 001 0001 0001 0001 s 209933 1120.95 1120.30 80 55 001 0001 0001 0001 s 209935 1120.90 1122.55 65 55 001 0001 0001 0001 0001 s 209930 1122.50 1122.25 100 55 001 0001 0001 0001 0001 s 209930 1122.50 1122.50 55 05 001 0001 0001 0001 0001 bBC, 209930 1122.50 1132.55 100 55 001 0001 0001 0001 0001 bBC, 209945 1132.55 1130.75 50 55 001 0001 0001 0001 0001 0001 bBC, 209945 1132.55 1130.75 50 55 0010 0001 0001 0001 0001 209945 1132.55 1130.75 50 55 0010 0001 0001 0001 0001 0001 0	amprophyric 16d Lamprophyric Dyke - Dark green fine grained mafic groundmass with t	d Lamprophyric Dyke - Dark green fine grained mafic groundmass with t	Lamprophyric Dyke - Dark green fine grained mafic groundmass with t	lack	209929	1114.30	1115.00	70	<5	<0.01	<0.001	
208930 0.00 0.00 0.00 0.00 0.03 Std Oreas 15h 209931 1118.70 30 <5	byke chloritized biotite phenocrysts. Slightly magnetic, moderately fractured	chloritized biotite phenocrysts. Slightly magnetic, moderately fractured	chloritized biotite phenocrysts. Slightly magnetic, moderately fractured	and								
209931 1118.40 1118.70 30 <5 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	hairline calcite infill. Contacts eroded by diorite.	hairline calcite infill. Contacts eroded by diorite.	hairline calcite infill. Contacts eroded by diorite.		209930	0.00	0.00	0	1035	1.04	0.03	Std Oreas 15h
2.09301 1118-00 <t< td=""><td>Norite 14a Diorite - main phase diorite as above.</td><td>a Diorite - main phase diorite as above.</td><td>Diorite - main phase diorite as above.</td><td></td><td>FOODO</td><td>1110 40</td><td>02.0111</td><td>00</td><td>ų</td><td>10.01</td><td>100.01</td><td>-</td></t<>	Norite 14a Diorite - main phase diorite as above.	a Diorite - main phase diorite as above.	Diorite - main phase diorite as above.		FOODO	1110 40	02.0111	00	ų	10.01	100.01	-
2099/3 1118./0 1173.30 80 <5 <0.01 <0.01 seks of 209933 1196./0 1121.90 66 <5	BC erosional into chilled marginal diorite.	BC erosional into chilled marginal diorite.	BC erosional into chilled marginal diorite.		203931	1118.40	1118./0	30	ç 4	10.02	100.02	
ecks of 209303 200304 1120.30 1120.30 1121.80 65 65 60 0.001 0.001 0 8 209303 1120.30 1120.30 65 65 60 0.001 0.001 0 8 209303 1122.30 65 65 60.01 0.001 0 0 9 209303 1122.30 65 5 0.01 0.001 0 <td>Sreccia Lone brecciated zone of chiled marginal diorite with main phase remnants</td> <td>brecciated zone of chilled marginal dionte with main phase remnants</td> <td>brecciated zone of chilled marginal diorite with main phase remnants</td> <td></td> <td>203932</td> <td>1110./0</td> <td>1119.00</td> <td>00 BU</td> <td>54</td> <td>10.02</td> <td>×0.001</td> <td></td>	Sreccia Lone brecciated zone of chiled marginal diorite with main phase remnants	brecciated zone of chilled marginal dionte with main phase remnants	brecciated zone of chilled marginal diorite with main phase remnants		203932	1110./0	1119.00	00 BU	54	10.02	×0.001	
Constant T120.05 <	itatia maratia Diatia maratial ahasa amakat watu iteatua watuadeana uita fita sa	Diorite marginal phase amobas arous stratus aroundmase with find an	Distite marcinal phase emotion arounderon a secondaria with find an	anto of	VCOOUC	0000011	1120.00	200 BE	24	100	100.02	
Distant 112.30 113.30	viorite margin. Unone - marginal phase smokey grey vireous grounumass wiri mite sp hintite and 1-2% fine deseminated nurte as well as in hairline fracture	Diorite - marginal priase smokey grey virreous groundmass with mile sp hintite and 1-2% fine deceminated ovrite as well as in hairline fracture.	Diorite - marginal phase sinokey grey virreous grounumass with me sp biotite and 1-2% fine deseminated numbers well as in hairline fracture	ecks of	209934	1120.30	1121.93	65	5 5	<0.07	<0.001	
Constraint Constra					200036	1121 60	1122 25	6F	p 4	1007	100.02	
Alcantics. 209338 1122.30 1123.20 30 <5 <0.01 <0.001 Int. 209339 1129.25 1130.25 100 <5					209937	1122.25	1122.90	65	22	<0.01	<0.001	T
Sine 209539 1129.25 1130.25 100 6 001 000 Sine 209430 1129.25 1130.25 100.05 50 65 60.01 60.00 8ines Blank 209441 1130.75 1131.75 50 65 60.01 60.01 60.01 60.01 209442 1131.75 50 65 60.01 60.01 60.01 60.01 209445 1131.75 50 65 60.01 60.01 60.01 209445 1132.75 1132.75 50 65 60.01 60.01 209446 1132.75 1132.75 50 65 60.01 60.01 209449 1132.75 1132.75 50 65 60.01 60.01 209449 1132.75 1132.75 50 65 60.01 60.01 209449 1132.05 1132.55 50 65 60.01 60.01 209449 1132.75 1142.75 1142.25 50 65 60.01 60.01 209449 1142.75 1142.25 50 65 60.01 60.01 60.01 209449 1142.75 1142.25 60 6 60	Niorite 14a Diorite - main phase as above with decimeter scale xenoliths of mafic v	a Diorite - main phase as above with decimeter scale xenoliths of mafic v	Diorite - main phase as above with decimeter scale xenoliths of mafic v	olcanics.	209938	1122.90	1123.20	30	<5	<0.01	<0.001	
Bin. & 209939 1129.25 1130.25 100 <5 <0.01 <0.001 Siles Blank 209941 1130.25 1130.75 50 <5	Minor pyr near BC. BC @ 55 degrees TCA.	Minor pyr near BC. BC @ 55 degrees TCA.	Minor pyr near BC. BC @ 55 degrees TCA.									
Bit: 209939 1120.25 1132.25 1132.25 50 <5 <0.01 <0.001 Image: Filank in the stand i	Diabase Dyke 16d Diabase dyke - very fine grained, dark green, baked over top 3m,	d Diabase dyke - very fine grained, dark green, baked over top 3m,	Diabase dyke - very fine grained, dark green, baked over top 3m,									-
BC. 209940 1000 000 50 <5 <001 5001 Sink 209412 1130.75 1131.25 1131.25 50 <5	moderately to highly fractured and calcified. Minor sulfides noted 1130.	moderately to highly fractured and calcified. Minor sulfides noted 1130.	moderately to highly fractured and calcified. Minor sulfides noted 1130.	5m &	209939	1129.25	1130.25	100	<5	<0.01	<0.001	
200941 1130.25 1130.15 1130.15 50 <5 <0.01 <0.01 200943 1131.75 113.15 50 <5	1142.9m. Baked and highly tractured, strongly magnetic from 1104.5-	1142.9m. Baked and highly tractured, strongly magnetic from 1104.5-	1142.9m. Baked and highly tractured, strongly magnetic from 1104.5-	RC.	209940	0.00	0.00	0	¢۲	<0.01	<0.001	Silica Blank
209942 1130.75 1131.25 50 <5	BC @ 45 degrees ICA.	BC @ 45 degrees TCA.	BC @ 45 degrees TCA.		209941	1130.25	1130.75	50	<5	<0.01	<0.001	
209943 1131.75 1131.75 50 <5					209942	1130.75	1131.25	50	<5	<0.01	<0.001	
209944 113.75 113.25 50 <5					209943	1131.25	1131.75	50	<5	<0.01	<0.001	
209945 1132.25 1132.75 1132.75 1132.75 1132.75 1001 209946 1132.75 1133.26 60 <5					209944	1131.75	1132.25	50	<5	<0.01	<0.001	
20946 1132.75 1133.25 50 <5 <50 <0.01 <0.001 20946 1134.06 75 <5					209945	1132.25	1132.75	50	<5	<0.01	<0.001	
209947 1133.25 1134.00 75 <5 <0.01 <0.001					209946	1132.75	1133.25	50	<5	<0.01	<0.001	
209948 1134.00 1135.00 100 10 0.01					209947	1133.25	1134.00	75	<5	<0.01	<0.001	
209949 1142.75 1143.25 50 <5 <0.01 <0.001 209950 0.00 0.00 0 8.710 8.71 0.254 Std Oreas 62c					209948	1134.00	1135.00	100	10	0.01	<0.001	
200949 1142.75 50 <5 <0.01 <0.001 <th< th=""> <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<></th<>												
200940 1 142.13 1 143.13 30 53 50.01 50.01 5 200950 0.00 0.00 0.00 0.00 0.00 8.71 0.254 Std Oreas 62c je 14 of 17 Crown BH LOG MK-12-36 Crown					010000	44 40 7E	1110 OF	CD	26	10.01	10001	-
209950 0.00 0.00 0 8710 8.71 0.254 Std Oreas 62c je 14 of 17 Crown BH LOG MK-12-36					203343	C1.7411	1143.22	nc	ŝ	10.0>	100.02	
ge 14 of 17 Crown BH LOG MK-12-36					000000	000	000	c	0740	10.01	0.051	00 01.00
age 14 of 17 Crown BH LOG MK-12-36					209950	0.00	0.00	0	8710	8.71	0.254	Std Oreas 62c
Page 14 of 17 Crown BH LOG MK-12-36												
Page 14 of 17 Crown BH LOG MK-12-36	-	_	_									
Page 14 of 17 Crown BH LOG MK-12-36												
-age 14 of 17 Crown BH LUG MK-12-35												00 01 111 00
				Page 14 of 17							Crown BH L	OG MK-12-36

[144]
OSITE													f 209959										and 45h	uci sea									lank			-					<-12-36
L COMP	01	01	01	01	01	01	01	01	_			01	01 Dup o	01	01	50	2	01	01	01	10	10	C PTO C	01 Sta U	01	01	01	01	01	01	01	01	01 Silica B	6.8	01	01				01	n BH LOG M
A	0.0	<0.0	1 <0.0	<0.0>	<0.0	<0.0	×0.0	×0.0					<0.0	<0.0>	1 <0.0	502	-	<0.0	<0.0>	0.0				×0.0×	1 <0.0	<0.0	<0.0	<0.0>	<0.0	<0.0	0.0	-0.0	<0.0>		<0.0	<0.0	_			<0.0>	Crow
Au	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				<0.0×	<0.01	<0.01	<0.01	007	0.04	<0.01	<0.01	0.0	0.0	-0.0 V	1 00	20.0>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.0>	<0.01		<0.01	<0.0				<0.01	I
Au	45	<5	<5	<5	\$	10	\$ 2	5				<5<	\$	<5	<5	Υ Υ	7	\$5	<55 <25	\$ 4	? '	€ 4	1000	1020	<5	<5	<5	<5	<5	<5	35	\$	<5		€5	\$5				<5	I
Interva	75	50	100	100	50	75	75	75				20	20	100	40	30	20	40	40	20	00	110		110	25	30	50	110	70	65	20	50	0		25	30	_			75	I
To	1145.75	1147.25	1148.25	1149.25	1149.75	1150.50	1151.25	1152.00				1159 75	1159.75	1160.75	1161.15	1161 15	C#-1011	1161.85	1162.25	1162.75	100.0011	1108.35		1170.55	1170.80	1171.10	1171.60	1172.70	1173.40	1174.05	1174.55	1182.50	0.00		1184.75	1190.90				1194.25	I
From	1145.00	1146.75	1147.25	1148.25	1149.25	1149.75	1150.50	1151.25				1159 25	1159.25	1159.75	1160.75	1161 15	101.10	1161.45	1161.85	1162.25 1166.75	1100.13	1101.25	000	1169.45	1170.55	1170.80	1171.10	1171.60	1172.70	1173.40	1174.05	1182.00	0.00		1184.50	1190.60				1193.50	I
Sample	209951	209952	209953	209954	209955	209956	209957	209958				209959	209960	209961	209962	200063	000007	209964	209965	209966	200000	200060	020002	209971	209972	209973	209974	209975	209976	209977	209978	209979	209980		209981	209982				209983	I
Description			Diorite - main phase	Diabase dyke - sheared	Diabase dyke - moderately fractured with calcite alteration. BC @ 45 deg TCA		Diorite - main phase + centimeter scale matic xenoliths	Diabase dyke as above	Diorite - main phase with xenoliths	Diabase dyke - very fine grained dark grey with fine black phenocrysts.	Diorite - main phase + xenoliths	Diahase Duke - calcite alteration sheared and silicified 1160 1- 4m + nur noted			Diorite - main phase + xenoliths	Diorite - marginal phase fine grained white/grey groundmass with fine black specks	provide a site and a style chronic dione will och minky quark 1101.5-30 ho suffides noted, conacts @ 60 deg TCA	Diorite - very fine grained white & black equigranular with minor pyrite noted.	BC @ 40 degrees TCA	Diorite - main phase , slightly remobilized. BC irregular and slightly gradational.		Diorite - marginal phase smokey grey vitreous groundmass with 0.6.2mm white aloce & block ablocitized biotite and avaite version from 0.6.4.2%	0.0-zimin winto prag a praca cindritzeu prono and pynto varynig nom 0.0-1-270. Durio feortiro infil 4460 4000	Pyrite tracture Intill 1106.46m	Diorite - sheared bb style chloritic diorite @ 45 degrees TCA with brecciated	quartz vein from 1170.57-1170.73m	Diorite - main phase with bb style diorite flooding		Diorite - marginal phase ,very fine grained,baked with brecciated	segment 1173.4853m. TC & BC shallow angle and irregular.	Diorite - main phase diorite with mafic volcanic xenoliths and brecciated	segments with diorite replacement.			1cm quartz tourmaline vein 1154.60 @ 45 degrees TCA		Diabase Dyke - very fine grained dark grey slightly dioriticon margins. TC crinoed @ 80 hear RC clanar @ 40 hearnees TCA	Diorite - main phase diorite with xenoliths	Diorite Dyke - very fine grained medium grey with hairline calcite and epidote	fracturing, TC irregular and sub parallel TCA, BC @ 35 degrees TCA.	Page 15 of 17
Rock	-		14a	16d	16d		14a	16d	14a	16d	14a	164		_	14a					14a							14a	100	5		14a		 				16d	14a		_	I
Rock	Diabase Dyke	cont.	Diorite	Diabase Dyke	Diabase Dyke		Diorite	Diabase Dyke	Diorite	Diabase Dyke	Diorite	Diahase dvke			Diorite	Diorite margin.		Diorite		Diorite		Diorite margin.			Diorite sheared		Diorite		Diorite margin.		Diorite						Diabase Dyke	Diorite	Diorite Dyke		
To	1148.62		1148.81	1149.22	1150.45		1151.60	1151.78	1153.21	1154.30	1159.80	1160 75			1161.18	1161.27	24-1011	1162.22		1167.35		16.0111			1171.09		1172.72		1174.00		1190.76						1191.95	1193.10	1194.20		2013
From	1128.35		1148.62	1148.81	1149.22		1150.45	1151.60	1151.78	1153.21	1154.30	1159.80			1160.75	1161.18	171011	1161.43		1162.22	10 1011	cc./011			1170.57		1171.09		1172.72		1174.00						1190.76	1191.95	1193.10		17/03/

[145]

) Interval Au Au COMPOSITE	100 50 <5 <0.01 <0.001	3.00 50 <5 <0.01 <0.001		1.50 50 <5 <0.01 <0.001		3.40 50 <5 <0.01 <0.001		7.60 30 <5 <0.01 <0.001 <0.001	342 42 380 0.38 0.011 1		00 0 0 8620 8.62 0.251 Std Oreas 62c		3.00 58 10 0.01 <0.001	0.00 100 <5 <0.01 <0.001	1.00 100 <5 <0.01 <0.001	1.25 25 <5 <0.01 <0.001	2.00 75 <5 <0.01 <0.001	4.50 50 <5 <0.01 <0.001	3,40 75 <5 <0.01 <0.001	-	7.50 50 <5 <0.01 <0.001	3.20 70 <5 <0.01 <0.001	3.20 70 <5 <0.01 <0.001 Dup of 209999	3.94 74 <5 <0.01 <0.001	3.54 60 <5 <0.01 <0.001	0.00 46 5 <0.01 <0.001	0.75 75 <5 <0.01 <0.001	1.55 80 <5 <0.01 <0.001	2.00 45 <5 <0.01 <0.001	1.30 50 15 0.02 <0.001		1.70 40 <5 <0.01 <0.001
m T	3.50 1199	2.50 120.		4.00 121		5.90 1216		1.30 121	3.00 1218		0.0		3.42 121	9.00 122(0.00 122	1.00 122	1.25 122	4.00 122	5.65 1226		7.00 122	7.50 1228	7.50 122	3.20 122	3.94 122	9.54 1230	0.00 1230	0.75 123	1.55 123	3.80 123-	1.30 123	
Fre	84 1198	85 120.		86 121		87 121		88 121	89 1218		90 0.		91 121	92 121	93 122(94 122	95 122	96 122.	97 122		98 122	99 122	00 122	01 122	02 1226	03 122	04 123(05 123	06 123	07 123:	08 1234	
Sample	20998	20998		20998		2099		20998	20998		20999		20999	20996	20999	20999	20996	20995	20996		20996	20996	21000	30730	30730	30730	30730	3073(30730	30730	3073(
k Description	Diorite - main phase diorite with xenoliths, BC @ 35 degrees TCA. Scattered 1cm scale dtz veinlets noted 1198.7-1200.95m		Basalt - Dark rreen fine rrained haked mafic flows with scattered diorite	intrusions becoming prominent downwards. Minor pyrite noted throughout	Diorite - main nhase diorite with venolithe Small chloritic shear at 1216.2m @	30 degrees TCA, epidotized shear at 1217.45 @ 50 degrees TCA.	Lower 30cm of unit 1-2% fine pyrite.			Diorite dyke -very fine grained medium khaki grey 1-2% fine pyr, lower 20cm	strongly sheared @ 40 degrees TCA, chloritic and well mineralized with	pyrite and chalcopyrite					Basalt - baked mafic volcanics flooded with diorite	Diorite Dyke - very fine grained medium khaki grey finely laminated @ 60 degrees Rasatt - haked mafic volcanics as above with neumatoidal feldenar flooding	and purite on bottom contact. BC @ 70 degrees TCA			Diorite Dyke - very fine grained medium khaki grey colour with less sulfides	than previous. BC @ 70 degrees TCA.		Basalt - baked mafic volcanic with minor pyrite.	Diorite Dyke - as above , highly fractured, TC @ 70 degrees TCA BC broken	Basalt - baked mafic volcanic with pyrite over top 15cm.	Diorite Dyke - top 15cm pale green from calcite alteration remainder medium khaki grey as previous and finely laminated parallel to contacts @ 70 degrees TCA.	Basalt - baked mafic volcanics with diorite flooding. Lower 35cm well baked &	highly fractured with pyrite noted.		
Rock	14a		Чb	8	140	F											q6	Чb	8						96		q6		96			
Rock	Diorite		Racalt - haked		Diorita					Diorite Dyke							Basalt - baked	Diorite Dyke Basalt - haked				Diorite Dyke			Basalt - baked	Diorite Dyke	Basalt - baked	Diorite Dyke	Basalt - baked			
To	1203.60		1215 D R		1218 42	10.11				1221.23							1224.12	1224.43				1228.94			1129.30	1129.45	1230.75	1231.55	1234.68			
From	1194.20		1203 60	00.004	1215.08	00.014				1218.42							1221.23	1224.12				1227.55			1228.94	1129.30	1129.45	1230.75	1231.55			

17/03/2013

Page 16 of 17

Crown BH LOG MK-12-36

From	1235.45							1255.97	1257.44	1257.95	1258.70	
То	1255.97							1257.44	1257.95	1258.70	1263.00	EOH
Rock	Basalt - baked							Diorite	Basalt - baked	Diorite Dyke	Basalt - baked	
Rock	q6								q6		96	
Description	Basalt - baked mafic volcanics with diorite flooding. Some segments highly fractured and infilled with calcite & pyrite.							Diortie - fine to medium grained, medium green to pale grey with a varied texture. Numerous synabilits of maîro volcanics are nearly totally assimilated. Faint strinears of nortin - 256.6.7 m	Basalt - baked mafic volcanics with diorite flooding.	Diorite Dyke - porphyritic texture with 2x10mm chloritized laths of biotits in a fine diorite groundmass. TC @ 25 degrees TCA, BC @ 35 degrees TCA.	Basalt - baked mafic volcanics with diorite flooding. EOH	EOH 1263m
Sample	307310 307311	of one of	30/313	90/014	307315	010206	210.00	307316			t rotoo	30/31/
From	0.00 1235.45	01 01 01	1240./0	1241.20	1242.65	10E0 EE	15-15-10	1256.50			01 0007	1260.70
To	0.00 1236.20	00,101	1241.20	1241./U	1242.95	1767 05	00.707	1256.80			00 1001	1261.00
Interval	0 75		20	ne	30	00	8	30			00	30
Au	990 10		٩ ٩	7	<5	UC	27	<5			ļ	Ŷ
Au	0.99		<0.01	10.05	<0.01	000	70.0	<0.01				<0.01
Au	0.029 <0.001		<0.001	100.02	<0.001	10001	100.02	<0.001			100.0	<0.001
COMPOSIT	Std Oreas 1											

[147]

					METALLICS	303 FAS31K FAS31K	Au Au (calc) Au (calc)	g/t g/t oz/t																												0.08 0.002	Crowne BH LOG MK 12-37	
	TEMP		15.5			A313 FAC	Au	g/t			.01	.01	.01					10	10.	.01	.01	.01	.01	.01	.01	.01	.01	8.51	.01	0.02	.01	.01	0.03	.01	.01	.01		l
	MAG		5767.0			AA313 F#	Au	qdd			5 <0	5 <0	5 <0					-		2 <0	5 <0	5 <0	5 <0	10 <0	5 <0	5 <0	5 <0	8510	5 <0	20	5 <0	5 <0	30	5 40	5 <0	5 <0	X	l
	EOI I		313.9				Interval	(cm)			50 <	50	> 0					En L	2	v N9	150 <	150 <	75 <	75	100	150 <	150 <	0	150 <	150	150 <	75 <	75	100 <	50 <	50 <	k.	l
Reflex	did	-45.0	-43.4				To	(m)			22.20	22.70	0.00					61 QU	00.10	NG:20	64.00	65.50	66.25	67.00	68.00	69.50	71.00	0.00	72.50	74.00	75.50	76.25	77.00	78.00	78.50	79.00	n.	l
EST -	AZIMITH	244.0	244.0				From	(m)			21.70	22.20	0.00					61 AD	00.10	06.10	62.50	64.00	65.50	66.25	67.00	68.00	69.50	0.00	71.00	72.50	74.00	75.50	76.25	77.00	78.00	78.50	È.	l
DOWNHOLE T	DEPTH	Collar	89.0		T		sample				307318	307319	307320					307334	1 20 100	30/322	307323	307324	307325	307326	307327	307328	307329	307330	307331	307332	307333	307334	307335	307336	307337	307338		l
12 m	14 0	15 °	inko	September 2012	tion Distance Drowly down alia of 2011 high around around	sillig bistiops break down up or zo n nigh grade zone	k Description		Glacial Hill - Poorty sorted, sandy/cobble boulder till	 Granodiorite - very clean/fresh pink/orange/black medium grained with centimeter scale mafic volcanic xenoliths. 	Diorite - marginal phase, smokey grey vitreous groundmass with plag over	chloritized biotite porphyries. Brecciatiated with minor sulfides 22.4-22.65m	BC @ 80 degrees TCA. Silica I	Diorite Dyke - porphyritic, fine grained dioritic groundmass with sub angular laths of white plagioclase. BC @ 35 degrees TCA.	 Granodiorite - typical pink white black medium grained dome stock with decimeter to meter scale xenoliths of mafic volcanics (unit 9b) 	Diorite - marginal phase as above with numerous rounded plagioclase phenocrysts in a fine diorite oroundmass. BC is diffuse.	Granodiorite - with mafic xenoliths as above.			Uriorite - chilled sheared diorite with quartz, calcite and diorite hooding. Finely laminated @ 80 degrees TCA.	Diorite Dyke -medium to light grey, very fine grained, sheared in segments,	scattered hairline - 1cm quartz and calcite veins.	Lower 50cm strongly sheared and flooded with quartz.					Std Ore									Dana 1 A	
6	24	4	S. Fra	25th S	Toract	I argei	Rock	Code	;	14c			_		14c		14c		-		-															_		l
enath:	Vzimuth.	Din:	ogged by:	Date Logged:		comments:	Rock	Type	=	Granodiorite	Diorite margin			Diorite Dyke	Hybrid Granodiorite	Diorite margin	Hybrid	Granodiorite		Diorite sheare	Diorite Dyke																	
AcKenzie Isla MK-12-37 L	22-Sen-12	24-Sen-12	5656127N L	439287E 1	0/5	ZDN	To	(m)	18.10	21.75	28.92			30.44	52.27	58.44	61.91		11 00	62.47	79.02																013	610
Project: A Hole#:	Start Date.	End Date:	Northing:	Easting:	Coro Sizo:	COLE SIZE:	From	(m)	0.00	18.10	21.75			28.92	30.44	52.27	58.44		10 10	61.91	62.47																0120121	100/11

Au (calc)	5 0.798	5 0.004	1 1.266	5 0.025	900.0		9 0.003	0.003																				
Au (calc)	27.30	0.1	43.4	0.8	0.19		0.0	0.0						_											0111		_	
Au	9.53		45.47								True (cm)	130	87	2	Au(Calc)	FAS31K	0.01	10000	G/T	0.08	0.15	43.41	0.85	0.19	0.09	000	20 20	
Au	-10	0.11	•10	1.39	0.05	0.04	0.09	0.03			Width(cm)	150	100	8	(D)	FAS31K	0.01	10000	T/S	<0.01	<0.01 ×1.11	2258.59	16.46	<0.01	¢0.01	0.70	le: n	
Au	>10000 >	115	>10000 >	1390	45	40	85	30			Au oz/t	0.5	0.7	2	V+(P)	FAS31K	0.01	0	5	2		-	7	9	24	36	<u>a</u>	
Interval	35	30	35	50	50	50	50	100			Au a/t	16.8	24.8	1.01		FAS31K	0.01	10000	G/T	0.09	0.14	38.57	0.56	0.18	0.07	10.0		
To	79.35	79.65	80.00	80.50	81.00	81.00	81.50	82.50			To (m)	80.50	80.00	00.00	M1)	AS31K	0.01	10000	T/2	0.07	0.16	38.78	0.94	0.2	0 11	0.06		
From	79.00	79.35	79.65	80.00	80.50	80.50	81.00	81.50			From (m)	79.00	79.65	00.61	CS I	VS31K F	0.01	0		937.5	721	467	1089	400	1163	2061	1602	
mple	307339	307340	307341	307342	307343	307344	307345	307346		01170			incl.		 SHOPS ROW	THOD F	ETECTION	ETECTION	ITS G	307338	307340	307341	307342	307343	307345	307246	046706	
Description	Bishops Break horizon - sheared diorite and quartz veining at 60 degrees TCA.	Bands of milky white and smokey grey quartz with pyrite and chalcopyrite	noted in lower 30cm segment	4c Granodiorite - coarse to medium grained, dome stock, sheared and baked	over top 15cm, mafic xenoliths diminishing by 89m.	Dup of 3073			EOH 93																			
Roc	-			140																								
Rock	Bishops	Break		Hybrid	Granodiorite																							
To	79.93			92.00					ЕОН																			
From	79.02			79.93																								

[T	METALLICS	13 FAG303 FAS31K FAS31K	Au Au (calc) Au (calc)	g/t g/t oz/t						_						0.03 0.001	0.04 0.001										0.03 0.001	0.16 0.005	0.09 0.003	0.2 0.006	0.09 0.003		0.02 0.001		Crown BH LOG MK-12-38
	TEME		12.0				3 FAA31	Au	g/t				<0.01	000	20.0	<0.01	1.09	<0.01	<0.01	<0.01	0.04	0.02	<0.01	<0.01	<0.01	<0.01	<0.0	<0.01	<0.01	<0.01	<0.01	0.01	0.1	0.07	0.14	0.04	9.32	0.03	2	
	UVM	NAU	5805.0				FAA31	I Au	dqq				5	4	9	\$	1090	\$	<5	\$5	40	15	\$	<5	22	10	<5	<5	<5	<5	<5	15	96	75	140	45	9325	30		l
		RULL	258.3					Interva	(cm)				75	00	00	30	0	30	40	110	100	100	100	100	100	100	0	100	100	100	100	50	50	50	50	50	0	50	1	l
	Reflex	20.02-	-49.6					To	(m)				45.90	00.01	C7'00	68.20	0.00	68.50	68.90	70.00	71.00	72.00	73.00	74.00	75.00	76.00	0.00	77.00	78.00	79.00	80.00	80.50	81.00	81.50	82.00	82.50	00.0	83.00		l
	TEST -	250.0	249.4					From	(m)				45.15	01.01	00.90	67.90	0.00	68.20	68.50	68.90	70.00	71.00	72.00	73.00	74.00	75.00	0.00	76.00	77.00	78.00	79.00	80.00	80.50	81.00	81.50	82.00	0.00	82.50		l
	DOWNHOLE	Collar	137m					Sample					307347	010200	301/340	307349	307350	307351	307352	307353	307354	307355	307356	307357	307358	307359	307360	307361	307362	307363	307364	307365	307366	307367	307368	307369	307370	307371		l
	37 m	50 °	anko	September 2012	ation Distance desire of 2014 this and a source second	eting Bishops Break down dip of 2011 high grade zone		ck Description	te	Glacial Till - Poorly sorted sandy cobble boulder till	 Granodiorite - typical dome stock medium grained, orange/pink/black with I minor elongated 2 x 10cm xenoliths of mafic volcanics. BC @ 30 degrees TCA. 	Diorite -marginal phase, highly porphyritic with plagioclase phenocrysts closely	packed in segments loosely in others, in a dark vitreous groundmass.		ocattered ontin-i cm magnetive ventiets + pyrite 40.2-40.00m 2-10cm Analite veins 41-44.5m	5cm Otz/apalite vein at 66.08. Lower 2m of unit baked with no phenocrysts.	Std Oreas 1	Diorite Dyke - Top contact Bishos Break Style at 50 degrees TCA with	1-2cm wide sheared milky qtz and opaque qtz. Diorite very fine grained and	finely laminated at 50 deg. Pale khaki green-grey colour with hairline calcite	fractures. Minor pyrite noted throughout.						Silica Blan					c Granodiorite - sheared slightly remobilized dome stock, highly fractured mainly	plag & k-spar groundmass with interstitial chloritized biotite. 2-3% fine pyrite,	some chalcopyrite			Std Oreas 6			Page 1 of 3
	÷ ,		SFL	27th	Orbit	large		Roc	Cod		140						-															140								I
and	Length:	Azimutn: Din:	Loaded by:	Date Logged:	Drilling Co.:	Comments:		Rock	Type	Till	Hybrid Granodiorite	Diorite margin.						Diorite Dyke														Granodiorite	Sheared							
McKenzie Isla	MK-12-38	25-Sep-12 26-Sep-12	5656127N	439287E	370	NUZ		To	(m)	20.55	31.75	68.25						80.03														82.97							The second se	/2013
Project:	Hole#:	Find Date:	Northing:	Easting:	ELEV	Core Size:		From	(m)	0.00	20.55	31.75						68.25														80.03								17/03

Amount Constrained Constrained <t< th=""><th></th><th>Rock</th><th>Rock</th><th>Description</th><th>Sample</th><th>From</th><th>To</th><th>Interval</th><th>Au</th><th>Au</th><th>Au</th><th>Au (calc)</th><th>Au (calc)</th></t<>		Rock	Rock	Description	Sample	From	To	Interval	Au	Au	Au	Au (calc)	Au (calc)
Immedia Event Constrained	_	Diorite Dyke		Diorite Dyke - sheared - very fine grained, finely laminated @ 50 degrees TCA.	307372	83.00	83.50	50	\$5	<0.01		<0.01	
Important Emergence Emergence <t< th=""><th>•,</th><th>Sheared</th><th></th><th>Lower 20cm bleached pale khaki beige from lower quartz vein.</th><th>307373</th><th>83.50</th><th>84.00</th><th>50</th><th><5</th><th><0.01</th><th></th><th><0.01</th><th></th></t<>	•,	Sheared		Lower 20cm bleached pale khaki beige from lower quartz vein.	307373	83.50	84.00	50	<5	<0.01		<0.01	
Report State Report State<				BC @ 60 degrees TCA	307374	84.00	84.35	35	20	0.02		0.03	0.001
Image: consist of the province of the p		Bishop's	3	Bishop's Break - Auriferous quartz vein with sheared chloritized diorite partings.	307375	84.35	84.65	30	<5	<0.01		0.01	0.000
Jitcher wei Jach weit Jach weit Jach weit State Stat		Break Quartz/		Brecciated diorite 84.45-85.03m Visible gold specks noted at 85.10m	307376	84.65	84.95	30	<5	<0.01		<0.01	
And divide interval inter		Chlorite vein		along with pyr + cpy. Contacts and foliation at 60 degrees TCA.	307377	84.95 or or	85.25	30	>10000	>10	102.27	93.82	2.736
Attractionality interaction 4 Consolution 4 Consolution <	T				30/3/8	67.68	00.08	33		01.<	11.18	18.48	0.539
Important Strongly interfact (including) Strongly interfact (includin	-	Granodiorite	14c	Granodiorite - sheared and highly remobilized dome stock.	307379	85.60	85.95	35	45	0.05		<0.01	
Didute building Image building Description building Descrip building Descrip building	0,	sheared		Strongly hematized 85.8295m, minor pyrite. BC irregular.	307380	85.95	86.30	35	50	0.05			
Interded Dep of 30736 Say 2000 Bio Dial Dio Dial <thdial< th=""> Dio</thdial<>		iorite		Diorite - sheared fine grained diorite with granodiorite flooding.	307381	86.30	87.00	70	5	<0.01			
Model Image: solution in the solutin in the solutin the solution in the solution in the solution in th	S	heared		Dup of 307381	307382	86.30	87.00	70	15	0.02			
Wriation 1 Production 2073-16 58.00 59.00 50.00					307383	87.00	88.00	100	S5	<0.01			
Vpdid anoticities 1 Ipond formalities Vplical mediaties Vplical m					307384	88.00	89.00	100	10	0.01		0.02	0.001
image image <th< td=""><th>T</th><th>Vbrid</th><th>14c</th><td>Hybrid Granodiorite - typical medium grained dome stock with xenoliths of</td><th>307385</th><td>89.00</td><td>90.00</td><td>100</td><td>20</td><td>0.02</td><td></td><td>0.04</td><td>0.001</td></th<>	T	Vbrid	14c	Hybrid Granodiorite - typical medium grained dome stock with xenoliths of	307385	89.00	90.00	100	20	0.02		0.04	0.001
Image: bit is a constrained and remotilized for set on the set on th	0	sranodiorite		mafic volcanics up to 40 cm. 2-3% fine deseminated pvrite 89-92m.	307386	90.06	91.00	100	25	0.03		0.02	0.001
Bit Orise Strengty Interacted failing fractiones strongly Interacted fail					307387	91.00	92.00	100	75	0.08		0.12	0.004
Image: bit is a constrained of arronobilized TGX Vibrid 1 Vibrid 1													
Figure 1					307388	106.20	106.90	70	<5	<0.01		0.01	0.000
Std Onear 1A, brough sheared and remobilized 107:95-108.85m with 3-5% pyrite strongly sheared and remobilized 107:95-108.85m with 3-5% pyrite pyrite Std Onear 10 Decision of the and the and the restures. Jabase Dyke 16 Jabase Dyke 16 Jabase Dyke 163-40 <t< td=""><th></th><th></th><th></th><td></td><th>307389</th><td>106.90</td><td>107.40</td><td>50</td><td>5</td><td><0.01</td><td></td><td>0.03</td><td>0.001</td></t<>					307389	106.90	107.40	50	5	<0.01		0.03	0.001
Appendix of 17/36-108.65m with 3-5% pride 307391 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 107/40 102/40				Std Oreas 15h	307390	0.00	0.00	0	1075	1.08			
Strongly sheared and remchilized 107.36-108.56m with 3-5% portie 307382 107380 106.40 0.05 0.05 0.03 0.002 0.003 0.002 0.003 0.0					307391	107.40	107.90	50	40	0.04		0.07	0.002
Interaction Surget Interaction Surget Interaction Surget Interaction Surget Interaction Surget Interaction Interaction Interaction Surget Interaction				Strongly sheared and remobilized 107.95-108.85m with 3-5% pyrite	307392	107.90	108.40	50	145	0.15		0.23	0.007
Image: Dyte Image: Dyte <thimage: dyte<="" th=""> <thimage: dyte<="" th=""></thimage:></thimage:>				+ strongly hematized hairline fractures.	307393	108.40	108.90	50	50	0.05		0.08	0.002
Plecciated quartz vain 113.44.46 @ 45.50 degrees TCA. 307395 109.40 109.00 20 0.02 0.02 0.04 0.01 Jiebase Dyke 16 Dalaase Dyke - very fine grained, medium gray, Lower fine gray, Grained grained, medium gray, Grained grained, medium gray, Grained grained, medium fine gray, Grained grained, mediane gray, Grained gray, Grained gray, Grained gray, Grained gray, Grained gray, Grained Grai					307394	108.90	109.40	50	35	0.04		0.07	0.002
Percented quertz vein 113.44-66 @ 45-60 degrees TCA. 30739F 134.50 135.00 5					307395	109.40	109.90	50	20	0.02		0.04	0.001
Istates Dyke Ied Diabase Dyke - very fine grained, medium grey, Lower fm sheared and more printe. Contacts @ 30 degrees TCA. 307397 135.00 50 <5				Brecciated quartz vein 113.4446 @ 45-50 degrees TCA.									
Imone pyrite. Contacts @ 30 degrees T.C., 30738/s 135.00 50 55 0.01 I I Wintid 14 Hybrid Granodiorite - as above. 30738/s 135.50 135.50 50 55 0.01 I I I Stanodiorite Imore pyrite. ECH 137/m I <t< th=""><th></th><th>Diabase Dyke</th><th>16d</th><th>Diabase Dyke - very fine grained, medium grey. Lower 1m sheared and</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		Diabase Dyke	16d	Diabase Dyke - very fine grained, medium grey. Lower 1m sheared and									
Nprid isonodiorite 14c 14c 14c 14c 14c 14c 14c isonodiorite ECH 13/m ECH 13/m ECH 13/m Image: Control or Contetee or Control or Control or Control or Control or Contetee or Co				minor pyrite. Contacts @ 30 degrees TCA.	307396	134.50	135.00	50	<5	<0.01			
Uprind amodiorite 14c Hybrid Granodorite - as above. EOH 137m Amodiorite EEST CUTS EEST CUTS EEST CUTS Face 2 of 3 84.35 95.60 23 1.5 65 56					307397	135.00	135.50	50	<5	<0.01			
Test curs Test curs mean curs From (m) To (m) Au orif Muthition mean 94.35 85.60 33 1.5 108 mean 94.35 85.60 53 1.5 108		Hybrid Granodiorite	14c	Hybrid Granodiorite - as above. EOH 137m									
From (m) From (m) To (m) Au ort Withth(cm) True (cm) 84.35 85.60 53 0.8 <t< th=""><th></th><th></th><th></th><th></th><th>BEST CUTS</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>					BEST CUTS								
Page 2 of 3 85.60 28 0.8 1.5 108 incl. 84.35 85.60 53 1.5 65 56						From (m)	To (m)	Au g/t	Au oz/t	Width(cm)	True (cm)		
Incl. 84.95 85.60 53 1.5 65 56 Page 2 of 3 Page 2 of 3 Crown BH LOG MK-12-38 Crown BH COG MK-12-38 Cr						84.35	85.60	28	0.8	125	108		
Page 2 of 3					incl.	84.95	85.60	53	1.5	65	56		
Page 2 of 3 Cown BH LOG MK-12-38													
Page 2 of 3 Crown BH LOG MK-12-38													
Page 2 of 3 Crown BH LOG MK-12-38													
Page 2 of 3 Cown BH LOG MK-12-38													
Page 2 of 3 Crown BH LOG MK-12-38													
Page 2 of 3 Crown BH LOG MK+12-38													
Page 2 of 3 Crown BH LOG MK-12-38													
				Darie 2 of 3							Crown BH	LOG MK-12	38
			l					l	l				8

[151]

	Au (calc)																																		
	Au (calc)	1. Calal	Au(Calc)	VICCH		ozít	0.001	0.001		0.001	0.005	0.003	0.006	0.003		0.001			0.001	0.000		2./30	600.0	0.000	0.001	0.001	0.001	0.004	0.000	0.001	0.002	0.007	0.002	0.002	0.001
	Au	Auffolol	Au(Calc) A	0.01	10000	G/T	0.03	0.04		0.03	0.16	0.09	0.2	0.09		0.02	<0.01	<0.01	0.03	0.01	10.05	93.82	10.40	10.02	0.02	0.04	0.02	0.12	0.01	0.03	0.07	0.23	0.08	0.07	0.04
	Au	V0/10/	Au(P)	0.01	10000	G/T	<0.01	<0.01		<0.01	<0.01	<0.01	0.3	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	10.02	1996.97	1041.40	10.02	0.07	0.05	0.02	0.13	0.01	0.03	0.07	0.2	0.06	0.08	0.02
	Au	10/11/01	WT(P)	0.01	0		23	21		14	36	8	90	105		25	31	25	2		- '	4 0	• •	,	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	0.16	<0.01
	Interval	(CM)A	AU(MZ)	1 0.01	10000	G/T	0.03	0.04		0.04	0.14	0.09	0.24	0.13		0.03	<0.01	<0.01	0.02	0.01	10.02	13.88	10.07	0.02	29	25	9	80	2	27	101	67	146	122	13
,	0	A/8441	Au(M1)	0.01	10000	G/T	0.04	0.04		0.03	0.18	0.09	0.14	0.06		0.02	<0.01	0.01	0.04	0.02	10.02	10.09	17.04	10.02	0.11	0.07	0.02	0.14	0.01	0.03	90.0	0.2	0.07	0.06	0.01
	From	ALCS	WT(M)	0.01		5	2026	2113		802	810	757	1002	832		1082	848	829	608	421	399	34/	476	0.1	1780	2164	2037	2383	1533	944	1063	892	807	911	1004
	Sample	METALLIC C	METUOD	I DETECTION	UDETECTION	UNITS	307354	307355		307365	307366	307367	307368	307369		307371	307372	307373	307374	307375	30/3/6	30/3//	010100	616106	307384	307385	307386	307387	307388	307389	307301	307392	307393	307394	307395
	Description																																		
	Kock																																		
	Kock																																		
-	0																																		
-	mo																																		
Ľ	I 			ļ	ļ	ļ		ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ			ļ	ļ	ļ	ļ	ļ	ļ	į	ļ	ļ	ļ	ļ	ļ		ļ		ļ		ļ

[152]

APPENDIX 2 Soil Gas Hydrocarbon Report, Actlabs



SGH – SOIL GAS HYDROCARBON Predictive Geochemistry

for

CROWN GOLD CORPORATION "MCKENZIE ISLAND SURVEY"

December 7, 2011

* Dale Sutherland, Activation Laboratories Ltd (* - author, originator)

EVALUATION OF SAMPLES DATA EXPLORATION FOR: "GOLD" TARGETS SGH GOLD TEMPLATE USED FOR THIS REPORT

Workorder: A11-13034

December 7, 2011

Activation Laboratories Ltd. A11-13034

Page 1 of 40



Table of Contents

PREFACE			4
SOIL GAS HYDROCARBON (SO	GH) GEOCHEMISTRY – OVERVIEW		5
SAMPLE PREPARATION AND ANA	ALYSIS		7
MOBILIZED INORGANIC GEOCHE	mical Anomalies		8
THE NUGGET EFFECT			8
SGH INTERPRETATION REPORT .			8
SGH – FORENSIC GEOCHEMIC	CAL SIGNATURES		9
SGH DATA QUALITY			14
REPORTING LIMIT			14
LABORATORY REPLICATE ANALYS	SIS		14
HISTORICAL SGH PRECISION			15
LABORATORY MATERIALS B	LANK – QUALITY ASSURANCE (LMB-QA))	16
SGH DATA INTERPRETATION			17
GEOCHEMICAL ANOMALY T	HRESHOLD VALUE		17
SGH PATHFINDER CLASS M	AGNITUDE		17
SGH DATA LEVELING			
SGH RATING SYSTEM			19
DESCRIPTION			19
HISTORY & UNDERSTANDIN	IG		20
DISCLAIMER			23
INTERPRETATION OF SGH RE	SULTS - A11-13034 – CROWN GOLD C	ORPORATION	24
SAMPLE SURVEY INTERPRETA	ATION		24
SGH SURVEY – SAMPLE LOC	ATION MAP PROVIDED		24
ecember 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 2 of 40



INTERPRETATION OF SGH RESULTS - A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY
SAMPLE SURVEY INTERPRETATION25
SGH SURVEY – SAMPLE LOCATION MAP PROVIDED25
SGH SURVEY INTERPRETATION - A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY
SGH SURVEY INTERPRETATION - A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" PATHFINDER CLASS MAPS27
A11-13034 – CROWN GOLD CORPORATION - MCKENZIE ISLAND SURVEY - SGH SURVEY INTERPRETATION 28
SGH INTERPRETATION RATING AND CLARIFICATION
SGH SURVEY INTERPRETATION - A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" PATHFINDER CLASS MAPS29
A11-13034 – CROWN GOLD CORPORATION - MCKENZIE ISLAND SURVEY - SGH "GOLD" CLASS MAP
A11-13034 – CROWN GOLD CORPORATION - MCKENZIE ISLAND SURVEY - SGH "GOLD" CLASS MAP
SGH SURVEY INTERPRETATION - A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" PATHFINDER CLASS MAPS
A11-13034 – CROWN GOLD CORPORATION - MCKENZIE ISLAND SURVEY - SGH "GOLD" CLASS MAP
A11-13034 – CROWN GOLD CORPORATION - MCKENZIE ISLAND SURVEY - SGH "GOLD" CLASS MAP
SGH SURVEY INTERPRETATION - A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" RATING
A11-13034 – CROWN GOLD CORPORATION - MCKENZIE ISLAND SURVEY SGH SURVEY – RECOMMENDATIONS
GENERAL RECOMMENDATIONS FOR ADDITIONAL OR IN-FILL SAMPLING FOR SGH ANALYSIS
CAUTIONARY NOTE REGARDING ASSUMPTIONS AND FORWARD LOOKING STATEMENTS
CERTIFICATE OF ANALYSIS

December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 3 of 40



Innovative Technologies

PREFACE

THIS "STANDARD" SGH INTERPRETATION REPORT:

The purpose of this Soil Gas Hydrocarbon (SGH) interpretation "Standard Report" is to ensure that clients and other potential reviewers of the results have a good understanding of this organic, deep penetrating geochemistry. As SGH provides such a large data set and is not interpreted in the same way as inorganic geochemistries, this report enables the user to realize the results in a timely fashion and capitalizes on years of research and development since the inception of SGH in 1976 combined with the knowledge obtained by Activation Laboratories through the interpretation of SGH data from over hundreds of surveys for a wide variety of target types in various lithologies from many geographical locations. The report is compulsory as it is the only known organic geochemistry that, in spite of the name, uses non-gaseous semi-volatile organic compounds interpreted using a forensic signature approach. It is based solely on SGH data and does not include the consideration or interpretation from any other geochemistry (inorganic), geology, or geophysics that may exist related to this survey area(s). This report can also provide evidence of project maintenance. To keep the price to a minimum and to provide as short a turnaround time as practically possible, usually only one SGH Pathfinder Class map is illustrated in a "Standard Report" with an applied interpretation although several other SGH Pathfinder Class maps are used and referenced.

"SUPPLEMENTAL REPORT": (\$ 1,500.00, as of July 1, 2011)

Those clients who have determined that these SGH results will add an important aspect to their exploration effort can request a "Supplemental Report". This report contains the additional SGH Pathfinder Classes and an explanation of their use in the SGH interpretation that supports the initial applied "Rating" for the survey as a relative comparison to the results previously obtained in case studies that were used to create the SGH template for the general target type.

"ADDITIONAL INTERPRETATION": (\$ 1,500.00, as of July 1, 2011)

The SGH data can be interpreted multiple times in comparison to a variety of SGH templates developed for exploration for different mineral targets or petroleum plays. The samples do not have to be reanalyzed. This can be addressed as a separate section of a report or as a separate report based on the client's wishes. The price is per survey area, e.g. if there are two projects in a submission, perhaps a North area and South area, and both survey areas are to be interpreted for say Gold and Copper, the first interpretation is included in the SGH analysis price, the second interpretation for each area would be priced at \$1,500 per area, thus a total of \$3,000.

"BASIC OR SUPPLEMENTAL REPORT GIS PACKAGE": (\$ 120.00)

Those clients that wish to import the SGH results into their GIS software can request a "GIS Package", which will include the geo-referenced image files that reflect the mapped SGH Pathfinder Class or Classes contained in the Standard or Supplemental Report and an Excel CSV file(s) containing the associated Class Sum data.

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 4 of 40



SOIL GAS HYDROCARBON (SGH) GEOCHEMISTRY – OVERVIEW

In the search for minerals and elements, geology requires tools to assess the location and potential quantity of minerals and ores. In the past people looked at the landscape to find the deposit. Similar landscapes indicate similar mineral and metal deposits. This is searching on a macro level, while geochemistry is searching on a micro level. Organic material requires many minerals and elements, so organic materials can be biomarker of the present of the minerals and elements.

SGH is a deep penetrating geochemistry that involves the analysis of surficial samples from over potential mineral or petroleum targets. The analysis involves the testing for 162 hydrocarbon compounds in the C5-C17 carbon series range applicable to a wide variety of sample types. SGH has been successful for delineating targets found at over 500 metres in depth. Samples of various media have been successfully analyzed such as soil (any horizon), drill core, rock, peat, lake-bottom sediments and even snow. The SGH analysis incorporates a very weak leach, essentially aqueous, that only extracts the surficial bound hydrocarbon compounds and those compounds in interstitial spaces around the sample particles. These are the hydrocarbons that have been mobilized from the target depth. SGH is unique and should not be confused with other hydrocarbon tests or traditional analyses that measure C1 (Methane) to C5 (Pentane) or other gases. SGH is also different from soil hydrocarbon tests that thermally extracts or desorbs all of the hydrocarbons from the whole soil sample. This test is less specific as it does not separate the hydrocarbons and thus does not identify or measure the responses as precisely. These tests also do not use a forensic approach to identification. The hydrocarbons in the SGH extract are separated by high resolution capillary column gas chromatography to isolate, confirm, and measure the presence of only the individual hydrocarbons that have been found to be of interest from initial research and development and from performance testing in two Canadian Mining Industry Research Organization (CAMIRO) projects (97E04 and 01E02).

Over the past 14 years of research, Activation Laboratories Ltd. has developed an in-depth understanding of the unique SGH signatures associated with different commodity targets. Using a forensic approach we have developed target signatures or templates for identification, and the understanding of the expected geochromatography that is exhibited by each class of SGH compounds. In 2004 we began to include an SGH interpretation report delivered with the data to enable our clients to realize the complete value and understanding of the SGH results in the shortest time frame and provide the benefit from past research sponsored by Actlabs, CAMIRO, OMET and other projects.

SGH has attracted the attention of a large number of Exploration companies. In the above mentioned research projects the sponsors have included (in no order): Western Mining Corporation, BHP-Billiton, Inco, Noranda, Outokumpu, Xstrata, Cameco, Cominco, Rio Algom, Alberta Geological Survey, Ontario Geological Survey, Manitoba Geological Survey and OMET. Further, beyond this research, Activation Laboratories Ltd. has interpreted the SGH data for over 400 targets from clients since January of 2004. In both CAMIRO research projects over known mineralization and in exploration projects over unknown targets, SGH has performed exceptionally well. As an example, in

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 5 of 40



the first CAMIRO research project that commenced in 1997 (Project 97E04), there were 10 study areas that were submitted blindly to Actlabs. These study sites were selected since other inorganic geochemistries were unsuccessful at illustrating anomalies related to the target.

Although Actlabs was only provided with the samples and their coordinates, SGH was able to locate the blind mineralization with exceptional accuracy in 9 of the 10 surveys. SGH has recently been very successful in exploration and discovery of unknown targets e.g. Golden Band Resources drilled an SGH anomaly and discovered a significant vein containing "visible" gold. (www.goldenbandresources.com)

Sample Type and Survey Design It is highly recommended that a *minimum* of 50 sample "locations" is preferred to obtain enough samples into background areas on both sides of *small* suspected targets (wet gas plays, Kimberlite pipes, Uranium Breccia pipes, veins, etc.). SGH is not interpreted in the same way as inorganic based geochemistries. SGH must have enough samples over both the target and background areas in order to fully study the dispersion patterns or geochromatography of the SGH classes of compounds. Based on our minimum recommendation of at least 50 sample locations we further suggest that all samples be evenly spaced with about one-third of the samples over the target and one-third on each side of the target in order for SGH to be used for exploration. Targets other than gas plays, pipes, dykes or veins usually require additional samples to represent both the target and background areas.

SGH has been shown to be very robust to the use of different sample types even "within" the same survey or transect. Research has illustrated that it is far more important to the ultimate interpretation of the results to take a complete sample transect or grid than to skip samples due to different sample media. The most ideal natural sample is still believed to be soil from the "Upper B-Horizon", however excellent results can also be obtained from other soil horizons, humus, peat, lakebottom sediments, and even snow. The sampling design is suggested to use evenly spaced samples from 15 metres to 200 metres and line spacing from 50 metres to 500 metres depending on the size and type of target. A 4:1 ratio is suggested, however, larger orientation surveys have also been successful. Ideally even large grids should have one-third of the samples over the target and twothirds of the samples into anticipated background areas. This will allow the proper assessment of the SGH geochromatographic vectoring and background site signature levels with minimal bias. Individual samples taken at significant distances from the main survey area to represent background are not of value in the SGH interpretation as SGH results are not background subtracted. Samples can be drip dried in the field and do not need special preservation for shipping and has been specifically designed to avoid common contaminants from sample handling and shipping. SGH has also been shown to be robust to cultural activities even to the point that successful results and interpretation has been obtained from roadside right-of-ways.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 6 of 40



In conclusion, the conditions for the sample type and survey design include:

- Minimum of 50 samples "locations" •
- Evenly spaced in the target area one-third over the target and one-third on each side of the target
- Different sample types even "within" the same survey or transect
- Evenly spaced samples lines spaced in a 4:1 ratio •
- Samples can be drip dried.
- No special preservation for shipping is needed.

Sample Preparation and Analysis

Upon receipt at Activation Laboratories the samples are air-dried in isolated and dedicated environmentally controlled rooms set to 40°C. The dried samples are then sieved. In the sieving process, it is important that compressed air is not used to clean the sieves between samples as trace amounts of compressor oils "may" poison the samples and significantly affect some target signatures. At Activation Laboratories a vacuum is used to clean the sieve between each sample. The -60 mesh sieve fraction (<250 microns, although different mesh sizes can be used at the preference of the exploration geologist) is collected and packaged in a Kraft paper envelope and transported from our sample preparation building to our analytical building on the same street in Ancaster Ontario. Each sample is then extracted, separated by gas chromatography and analyzed by mass spectrometry using customized parameters enabling the highly specific detection of the 162 targeted hydrocarbons at a *reporting limit* of one part-per-trillion (ppt). This trace level limit of reporting is critical to the detection of these hydrocarbons that, through research, have been found to be related at least in part to the breakdown and release of hydrocarbons from the death phase of microbes directly interacting with a deposit at depth. The hydrocarbon signatures are directly linked to the deposit type, which is used as a food source. The hydrocarbons that are mobilized and metabolized by the microbes are released in the death phase of each successive generation. Very few of the hydrocarbons measured are actually due to microbe cell structure, or hydrocarbons present or formed in the genesis of the deposit or from anthropogenic contamination. The results of the SGH analysis is reported in raw data form in an Excel spreadsheet as "semi-quantitative" concentrations without any additional statistical modification.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 7 of 40



Mobilized Inorganic Geochemical Anomalies

It is important to note that SGH is essentially "*blind*" to any inorganic content in samples as only *organic* compounds as hydrocarbons are measured. Thus inorganic geochemical surface anomalies that have migrated away from the mineral source, and thus may be interpreted and found to be a false target location, is not detected and does not affect SGH results. This fact is of great advantage when comparing the SGH results to inorganic geochemical results. If there is agreement in the location of the anomalies between the organic and inorganic technique, such as Actlabs' Enzyme Leach, a significant increase in confidence in the target location can be realized. If there is no agreement or a shift in the location of the anomalies between the techniques, the inorganic anomaly may have been mobilized in the surficial environment.

The Nugget Effect

As SGH is "blind" to the inorganic content in the survey samples, any concern of a "nugget effect" will not be encountered with SGH data. A "nugget effect" may be of a concern for inorganic geochemistries from surveys over copper, gold, lead, nickel, etc. type targets.

SGH Interpretation Report

All SGH submissions must be accompanied by relative or UTM coordinates so that we may ensure that the sample survey design is appropriate for use with SGH, and to provide an SGH interpretation with the results. In our interpretation procedure, we separate the results into 19 SGH sub-classes. These classes include specific alkanes, alkenes, thiophenes, aromatic, and polyaromatic compounds. Note that none of the SGH hydrocarbons are "gaseous" at room temperature and pressure. The classes are then evaluated in terms of their geochromatography and for coincident compound class anomalies that are unique to different types of mineralization. Actlabs uses a six point scale in assigning a subjective rating of similarity of the SGH signatures found in the submitted survey to signatures previously reviewed and researched from known case studies over the same commodity type. Also factored into this rating is the appropriateness of the survey and amount of data/sample locations that is available for interpretation. This rating scale is described in detail in the following section.

December 7, 2011

Activation Laboratories Ltd.

A11-13034

Page 8 of 40



SGH – FORENSIC GEOCHEMICAL SIGNATURES

The following analyses examine the Volcanic Massive Sulphide (VMS) deposit in various known locations. These analyses show how the gas chromatography indicates the reality of deposits. For all the profiles in this section, the red arrows indicate the signature of the VMS, which have all been found by organic geochemistry. These forensic geochemical signatures are shown to consistent for similar target areas; therefore, the analyses are reliable indicators for the presence of VMS.

One of the first experiments in 1996 in the development of the SGH analysis was to observe if an SGH response could be obtained directly from an ore sample. From office shelf specimens, small rock chips were obtained which were then crushed and milled. The fine pulp obtained was then subjected to the SGH analysis. These shelf specimen samples were from well known VMS deposits of the Mattabi deposit from the Archean Sturgeon Lake Camp in Northwestern Ontario and from the Kidd Creek Archean volcanic-hosted copper-zinc deposit. Even these specimen samples contain a geochemical record of the hydrocarbons produced by the bacteria that had been feeding on these deposits at depth. As a comparison, SGH analysis were similarly conducted on modern-day VMS ore samples taken from a "black smoker" hydrothermal volcanic vent from the deep sea bed of the Juan de Fuca Ridge where high concentrations of microbial growth was also known to exist. The raw data profiles as GC/MS Total Ion Chromatograms are shown below to illustrate the "visible" portion of the



VMS signature obtained from the SGH analysis.





The above profiles are:

- First profile: Samples from modern day "black smokers"
- Second profile: Samples from modern day "black smokers"
- Third profile: Samples from Pre-Cambrian Zn-Cu Kidd Creek deposit
- Fourth profile: Samples from Mattabi deposit

The red arrows point to three compounds that are a *portion* of the SGH signature for VMS type deposits. This visible portion of the VMS signature of hydrocarbons can easily be seen in the analysis of each of these four samples.

The next question in our early objectives was to see if this SGH signature could also be observed in *surficial soil samples* that had been taken over VMS deposits. Through our research projects, soil samples were obtained from over the Ruttan Cu-Zn VMS deposit near Leaf Rapids, Manitoba and located in the Paleoproterozoic Rusty Lake greenstone belt. The profile obtained, as observed in the raw GC/MS chromatogram, is shown in this next image below:



The three compounds indicated by the red arrows represent the same *visible portion* of the VMS signature observed from the modern day black smoker samples and the ore samples taken from the Mattabi and Kidd Creek, even though this soil was taken from over a different VMS deposit in a geographically different area. Is this coincidence?

Another soil sample was obtained from Noranda's Gilmour South base-metal occurrence in the Bathurst Mining camp in northern New Brunswick. As shown below, this sample contained a very

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 10 of 40
1336 Sandhill Drive • Ancaster ON •	9G 4V/5 . CANADA . Tel: (905) 648-9611 . Eav	(905) 648-9613 • To	



complex SGH signature, however the visible portion of the VMS signature as indicated by the red arrows is still observed as in the black smoker, Mattabi and Kidd Creek ore samples.



In research conducted by the Ontario Geological Survey, this same portion of the SGH signature was also observed over the VMS deposit at Cross Lake in Ontario. Note that the visible signature shown as the three compounds indicated by the red arrows is only a small portion of the complete SGH VMS signature. The full VMS signature is made up of at least three groups, as three organic chemical classes, that together contain at least 35 of the individual SGH hydrocarbons.

The chromatograms shown on the preceding page from the GC/MS analysis are not used directly in the interpretation of SGH data. As we are only interested in a specific list of 162 hydrocarbons, the mass spectrometer and associated software programs specifically identifies the hydrocarbons of interest, runs calculations using relative responses to a short list of hydrocarbons used as standards, and develops an Excel spreadsheet of semi-quantitative concentration data to represent the sample. Thus the SGH results for a sample, like that observed in ore from the Ruttan, are filtered to obtain the concentrations for the specific 162 hydrocarbons. A simple bar graph drawn from the Excel spreadsheet of the hydrocarbons and their concentrations results in a DNA like *forensic SGH signature* as shown below. The portion discussed hear as the "visible" SGH VMS signature in the GC/MS chromatograms, is again shown by the red arrows.

December 7, 2011Activation Laboratories Ltd.A11-13034Page 11 of 40





Through the work done in the SGH CAMIRO research projects, it was observed that the hydrocarbon signature produced by the SGH technique appeared to also be able to be used to differentiate barren from ore-bearing conductors. This was explored further through the submission and analysis of specific specimen samples that represented a barren pyritic conductor and a barren graphitic conductor.

The GC/MS chromatograms from these two specimens are compared to that obtained from the Kidd-Creek ore as shown below. This diagram conclusively shows that the SGH signatures obtained from the two types of barren conductors are completely different than that obtained by SGH over VMS type ore. SGH is thus able to differentiate between ore-bearing conductors and barren conductors as **the Forensic SGH Geochemical signature is different**.

December 7, 2011

Activation Laboratories Ltd. A11-13034

Page 12 of 40





SGH has been described by the Ontario Geological Survey of Canada (OGS) as a "REDOX cell locator". Many SGH surveys for Gold and other mineral targets can result in multiple types of anomalies, depending on the class of SGH compounds, even over the same target and in the same set of samples. Thus "Apical", "Nested-Halo", and "Rabbit-Ear" or "Halo" type SGH anomalies are all typically observed from the effect of REDOX cells that have developed over deposits. REDOX cells are also related to the presence of bacteriological activity.

The VMS template of SGH Pathfinder Classes uses low and medium weight classes of hydrocarbon compounds. Again, at least three Pathfinder Class group maps, associated with the SGH signature for VMS, must be present to begin to be considered for assignment of a good rating. The Pathfinder Class anomalies in these maps must logically concur and support a consistent interpretation in relation to the expected geochromatographic characteristics of the Pathfinder Class, for a specific area.

The interpretation development history for VMS SGH Pathfinder Class map(s) shown in this report is similar to the development history for other target types. The reader should not draw a conclusion that SGH is used only for sulphide based mineralization as some of the most intense SGH anomaly has been associated with Kimberlites where sulphides are essentially not present.





SGH DATA QUALITY

Reporting Limit

The SGH Excel spreadsheet of results contains the raw unaltered concentrations of the individual SGH compounds in units of "part-per-trillion" (ppt). The reporting of these ultra low levels is vital to the measurement of the small amounts of hydrocarbons now known to be leached/metabolized and subsequently released by dead bacteria that have been interacting with the ore at depth. To ensure that the data has a high level of confidence, a "reporting limit" is used. The reporting limit of 1 ppt actually represents a level of confidence of approximately 5 standard deviations where SGH data is assured to be "real" and non-zero. Thus in SGH the use of a reporting limit automatically removes site variability, and there is no need to further background subtract any data as the reporting limit has already filtered out any site background effects. Thus we recommend that all data that is equal to or greater than 2 ppt should be used in any data review. It is important to review all SGH data as low values that may be the centre of halo anomalies and higher values as apical anomalies or as halo ridges are all important.

Laboratory Replicate Analysis

A laboratory replicate is a sample taken randomly from the submitted survey being analyzed and are not unrelated samples taken from some large stockpile of bulk material. In the Organics laboratory an equal portion of this sieved sample, or pulp, is taken and analyzed in the same manner using the Gas Chromatography/Mass Spectrometer. The comparison of laboratory replicate and field duplicate results for chemical tests in the parts-per-million or even parts-per-billion range has typically been done using an absolute "relative percent difference (RPD)" statistic which is an easy proxy for error estimation rather than a more complete analysis of precision as specified by Thompson and Howarth. An RPD statistic is not appropriate for SGH results as the reporting limit for SGH is 1 part-per-trillion. Further, SGH is a semi-quantitative technique and was not designed to have the same level of precision as other less sensitive geochemistry's as it is only used as an exploration tool and not for any assay work. SGH is also designed to cover a wide range of organic compounds with an unprecedented 162 compounds being measured for each sample. In order to analyze such a wide molecular weight range of compounds, sacrifices were made to the variability especially in the low molecular weight range of the SGH analysis. The result is that the first fifteen SGH compounds in the Excel spreadsheet is expected to exhibit more imprecision than the other 147 compounds. An SGH laboratory replicate is a large set of data for comparison even for just a few pairs of analyses. Precision calculations using a Thompson and Howarth approach should only be used for estimating error in individual measurements, and not for describing the average error in a larger data set. In geochemical exploration geochemists seek concentration patterns to interpret and thus rigorous precision in individual samples is not required because the concentrations of many samples are interpreted collectively. For these reasons recent and independent research at Acadia University in Canada promote that a percent Coefficient of Variation (%CV) should be used as a universal measurement of relative error in all geochemical applications. As SGH results are a relatively large data set for nearly all submissions, %CV is a better statistic for use with SGH. By December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 14 of 40



using %CV, the concentration of duplicate pairs is irrelevant because the units of concentration cancel out in the formation of the coefficient of variation ratio. For SGH, the %CV is calculated on all values \geq 2 ppt. These values are averaged and represent a value for each pair of replicate analysis of the sample. All of the %CV values for the replicates are then averaged to report one %CV value to represent the overall estimate of the relative error in the laboratory sub-sampling from the prepared samples, and any instrumental variability, in the SGH data set for the survey. Actlabs' has successfully addressed the analytical challenge to minimize analytical variability for such a large list of compounds. Thus as SGH is also interpreted as a signature and is solely used for exploration and not assay measurement, the data from SGH is "fit for purpose" as a geochemical exploration tool.

Historical SGH Precision

In the general history of geochemistry, studies indicate that a large component of total measurement error is introduced during the collection of the initial sample and in sub-sampling, and that only a subordinate amount of error in the result is introduced during preparation and analysis. A historical record encompassing many projects for SGH, including a wide variety of sample types, geology and geography, shows that the consistency and precision for the analysis of SGH is excellent with an overall precision of 6.8% Coefficient of Variation (%CV). When last calculated, this number has a range having a maximum of 12.4% CV, a minimum of 3.0% CV, with a standard deviation of 1.6%, in a population made up of over 400 targets (over 45,000 samples) interpreted since June of 2004. Again the precision of 6.8% CV included all of the sample types as soil from different horizons, peat, till, humus, lake-bottom sediments, ocean-bottom sediments, and even snow. When field duplicates have been revealed to us, we have found that the precision of the field duplicates are in the range of about 9 to 12 %CV. As SGH is interpreted using a combination of compounds as a chemical "class" or signature, the affect of a few concentrations that may be imprecise in a direct comparison of duplicates is not significant. Further, projects that have been re-sampled at different times or seasons are expected to have different SGH concentrations. The SGH anomalies may not be in exactly the same position or of the same intensity due to variable conditions that may have affected the dispersion of different pathfinder classes. However, the SGH "signature" as to the presence of the specific mix of SGH pathfinder classes will definitely still exist, and will retain the ability to identify the deposit type and vector to the same target location.

December 7, 2011

Activation Laboratories Ltd.

A11-13034

Page 15 of 40



LABORATORY MATERIALS BLANK – QUALITY ASSURANCE (LMB-QA)

The Laboratory Materials Blank Quality Assurance measurements (LMB-QA) shown in the SGH spreadsheet of results are matrix free blanks analyzed for SGH. These blanks are not standard laboratory blanks as they do not accurately reflect an amount expected to be from laboratory handling or laboratory conditions that may be present and affect the sample analysis result. The LMB-QA measurements are a pre-warning system to only detect any contamination originating from laboratory glassware, vials or caps. As there is no substrate to emulate the sample matrix, the full solvating power of the SGH leaching solution, effectively a water leach, is fully directed at the small surface area of the glassware, vials or caps. In a sample analysis the solvating power of the SGH leaching solution is distributed between the large sample surface area (from soil, humus, sediments, peat, till, etc.) and the relatively small contribution from the laboratory materials surfaces. The sample matrix also buffers the solvating or leaching effect in the sample versus the more vigorous leaching of the laboratory materials which do not experience this buffering effect. Thus the level of the LMB-OA reported is biased high relative to the sample concentration and the actual contribution of the laboratory reagents, equipment, handling, etc. to the values in samples is significantly lower. This situation in organic laboratory analysis only occurs at such extremely low part-per-trillion (ppt) measurement levels. This is one of the reasons that SGH uses a reporting limit and not a detection limit. The 1 ppt reporting limit used in the SGH spreadsheet of raw concentration data is 3 to 5 times greater than a detection limit. The reporting limit automatically filters out analytical noise, the actual LMB-QA, and most of the sample survey site background. This has been proven as SGH values of 1 to 3 parts-per-trillion (ppt) have very often illustrated the outline of anomalies directly related to mineral targets. Thus all SGH values greater than or equal to 1 or 2 ppt should be used as reliable values for interpretations.

The LMB-OA values thus should not be used to background subtract any SGH data. The LMB-QA values are only an early warning as a quality assurance procedure to indicate the relative cleanliness of laboratory glassware, vials, caps, and the laboratory water supply at the ppt concentration level. Do not subtract the LMB-QA values from SGH sample data.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 16 of 40



SGH DATA INTERPRETATION

GEOCHEMICAL ANOMALY THRESHOLD VALUE

In the interpretation of "inorganic" geochemical data one of the determinations to be made is to calculate a "Threshold" value above which data is considered anomalous. This is done on an element by element basis. In the interpretation of this "organic" geochemical data this determination is done differently. The determination of a threshold value is not calculated for each hydrocarbon compound. The determination of a threshold value is also a concentration below which geochemical data is considered as "noise" for the purposes of geochemical interpretation. As discussed, SGH uses a "Reporting Limit" instead of some type of Detection Limit. The amount of noise that is already eliminated in the data, as below the Reporting Limit of 1 part-per-trillion (shown in the data spreadsheet as "-1" as "not-detected at a Reporting Limit of 1 ppt") is equivalent to approximately 5 standard deviations of variability. To thus calculate an additional Threshold Value is a loss of real and valuable data. Further, in the interpretation of SGH data, individual compounds are not considered (unless explicitly mentioned in the report). The interpretation of SGH data is exclusively conducted by "compound chemical class" which is the sum of four to fourteen individual hydrocarbons in the same organic chemical class as these compounds naturally have the same chemical properties that ultimately define their spatial dispersion characteristics in their rise from a mineral target through the overburden. This combined class is more reliable than the measurement of any one compound. SGH also eliminates the need for a Threshold value determination above the Reporting Limit due to the "high specificity" of the specific hydrocarbons and the classes they form. Each of the hydrocarbons has been hand selected due to their lower probability of being found in general surface soils. Further, only those classes where the majority of the compounds are detected above the Reporting Limit are considered in the interpretation. This defines the SGH geochemistry as having less geochemical noise due to the use of a reporting limit and as having higher confidence in the use of groups (classes) of data instead of individual compounds. However the most important aspect of interpretation is the use of a forensic signature. At least three specific "Pathfinder" classes, based on the combinations or template of classes we have developed, must be present to define the hydrocarbon signature to confidently predict the presence of a specific type of mineral target. *Do not* calculate another Threshold value. Fact: It has been proven many times that important SGH anomalies that depict mineralization at depth can exist even with data at 3 ppt.

SGH PATHFINDER CLASS MAGNITUDE

The magnitude of any individual concentration or that of a hydrocarbon class *does not imply* that the data is of more importance or that mineralization is of higher quantity or grade. SGH interpretation must use the review of the combination of specific hydrocarbon classes to make any interpretation.

December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 17 of 40



SGH DATA LEVELING

The combination of SGH data from different field sampling events has rarely required leveling in order to combine survey grids. The only circumstances that have occasionally required leveling has been the combination of samples that are very fine in texture, thus having a combined large surface area to samples of peat that may be in nearby areas. Even after maceration of the peat and in using the maximum size of sample amenable to this test method, peat samples have a significantly lower surface area. Peat samples have only required leveling in one survey in the last 500 SGH interpretations.

In only the last year it has been observed that SGH data *may* require leveling when different field sampling events have significantly different soil temperature. It has been documented that only when "soil" samples are taken from "frozen" ground that data leveling may be required as frozen sample act as a frozen cap to the hydrocarbon flux and may collect a higher concentration of hydrocarbon compounds compared to sampling during seasons where the samples are not frozen. Only two surveys have required leveling in the last 500 SGH interpretations.

The author has taken introductory training in the leveling of geochemical data. If leveling is required, both data sets are reviewed in terms of maximum, minimum and average values for each SGH Pathfinder Class intended for use in the interpretation. Data in sectioned into guartiles and each section is assigned specific leveling factors that is then applied to one data set. It should be noted that any type of data leveling is an approximation.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 18 of 40



SGH RATING SYSTEM

DESCRIPTION

To date SGH has been found to be successful in the depiction of buried mineralization for Gold, Nickel, VMS, SEDEX, Uranium, Cu-Ni-PGE, IOCG, Base Metal, Polymetallic, and Copper, as well as for Kimberlites, Coal Seam, Wet Gas and Oil Plays. SGH data has developed into a dual exploration tool. From the interpretation, a vertical projection of the predicted location of the target can be made as well as a statement on the rating of the comparability of the identification of the anticipated target type to that from known case studies, as an example: if the client anticipates the target to be a Gold deposit, what is the rating or comparability that the target is similar to the SGH results over a Gold deposit in Nunavut, shear hosted and sediment hosted deposits in Nevada, or Paleochannel Gold mineralization in Western Australia.

- A rating of "6" is the highest or best rating, and means that the SGH classes most important to describing a Gold related hydrocarbon signature are all present and consistently vector to the same location with well defined anomalies. To obtain this rating there also needs to be other SGH classes that when mapped lend support to the predicted location.
- A rating of "5" means that the SGH classes most important to describing a Gold signature are all present and consistently describe the same location with well defined anomalies. The SGH signatures may not be strong enough to also develop additional supporting classes.
- A rating of "4" means that the SGH classes most important to describing a Gold signature are mostly present describing the location with well defined anomalies. Supporting classes may also be present.
- A rating of "3" means that the SGH classes most important to describing a Gold signature are mostly present and describe the same location with fairly well defined anomalies. Some supporting classes may or may not be present.
- A rating of "2" means that some of the SGH classes most important to describing a Gold • signature are present but a predicted location is difficult to determine. Some supporting classes may be present
- A rating of "1" is the lowest rating, and means that one of the SGH classes most • important to describing a Gold signature is present but a predicted location is difficult to determine. Supporting classes are also not helpful.

The SGH rating is directly and significantly affected by the survey design. Small data sets, especially if significantly <50 sample locations, or transects/surveys that are geographically too short

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 19 of 40



will automatically receive a lower rating no matter how impressive an SGH anomaly might be. When there is not enough sample locations to adequately review the SGH class geochromatography, or when the sample spacing is inadequate, or if the spacing is highly variable such that it biases the interpretation of the results, then the confidence in the interpretation of any geochemistry is adversely affected. The SGH rating is not just a rating of the agreement between the SGH pathfinder classes for a particular target type; it is a rating of the overall confidence in the SGH results from this particular survey. The interpretation is only based on the SGH results without any information from other geochemical, geological or geophysical information unless otherwise specified.

HISTORY & UNDERSTANDING

The subjective SGH rating system has been used since 2004 when Activation Laboratories started providing an SGH Interpretation Report with ever submission for SGH analysis to aid our clients in understanding this organic geochemistry and ensuring that they obtain the best results for their surveys. As explained in the previous section, the SGH rating is not just a rating of how definitive an SGH anomaly is, and it is not based just on the map(s) provided in this report. It is a rating of "confidence in the interpreted anomaly" from the combination of:

- (i) are the expected SGH Pathfinder Classes of compounds present from the template for • this target type (one Pathfinder Class map is shown in the report, at least three must be present to adequately describe the correct signature for a particular target),
- (ii) how well do these SGH Pathfinder Classes agree in describing an particular area,
- (iii) how well does this agreement compare to SGH case studies over known targets of that type,
- (iv) how well is the interpreted anomaly defined by the survey (i.e. a single transect does not provide the same confidence as a complete grid of samples), and
- (v) is there at least a minimum of 50 sample locations in the survey so that there may be an adequate amount of data to observe the geochromatography of the different SGH Pathfinder Class of compounds.

The question often arises by clients as to the frequency of a rating, e.g. "how often is a rating of 5.0 given in an interpretation". To better understand this we present this review of the history of the SGH rating program since 2004 and some of the underlying situations that can affect the historical rating charts. Originally it was recommended that a minimum of 35 sample location be used for small target exploration, however it was quite quickly realized that this is often insufficient and at least 50 sample locations were required. In 2007 the rating scale was refined to include increments of 0.5 units rather than just integer values from 0 to 6.

A rating frequency may be biased high as most clients conduct an orientation study over a known target, thus several of these projects result in high ratings. Note that, at this time, the rating December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 20 of 40



is not said to be linked to grade of a deposit or depth to the target. Even in exploration surveys clients tend to submit samples over more promising targets due to knowledge of the geology and prior geochemical or geophysical results. As shown in the following chart, projects with SGH data from 200 or more sample locations have a higher level of confidence in the interpretation as the geochromatography of the SGH Pathfinder Classes of compounds can be more completely observed and reviewed.



The rating frequency may be biased low as research projects often include a bare minimum of samples to reduce costs. Research projects may also be over targets known to be difficult to depict with geochemistry. Multiple targets in close vicinity in a survey may result in a low bias as the Pathfinder Class geochromatography is more difficult to deconvelute. Ratings may also be biased low if less than the recommended 50 sample locations is submitted as indicated by the following chart. This chart also illustrates that there is no interpretation bias to a particular rating value.

December 7, 2011

Activation Laboratories Ltd. A11-13034

Page 21 of 40





The overall rating frequency for over 400 targets from January 2004 to December 2009 is shown in the chart below illustrating that surveys over more promising targets are most often submitted for best use of research or exploration dollars. It also indicates that the 0.5 increments were less frequent as they started in 2007.



More specific for SGH interpretation for Gold targets, the overall rating frequency for 97 targets from January 2004 to December 2009 is shown in the chart below that also illustrates that surveys over more promising Gold targets are most often submitted for best use of research or exploration dollars.

 December 7, 2011
 Activation Laboratories Ltd.
 A11-13034
 Page 22 of 40

 1336 Sandhill Drive • Ancaster, ON • L9G 4V5 • CANADA • Tel: (905) 648-9611 • Fax: (905) 648-9613 • Toll Free: 1-888-ACTLABS





DISCLAIMER

This "SGH Interpretation Report" has been prepared to assist the user in understanding the development and capabilities of this Organic based Geochemistry. The interpretation of the Soil Gas Hydrocarbon (SGH) data is in reference to a template or group of SGH classes of compounds specific to a type of mineralization or target that is chosen by the client (i.e. the template for gold, copper, VMS, uranium, etc.). Although the template of SGH Pathfinder Classes that has been developed through research and review of case studies has proven to be able to address many lithologies, Activation Laboratories Ltd. cannot guarantee that the template is applicable to every type of target in every type of environment. The interpretation in this report attempts to identify an anomaly that has the best SGH signature in the survey for the type of mineralization or target chosen by the client. However, this interpretation is not exhaustive and there may be additional SGH anomalies that may warrant interest. It should not be viewed due to the generation of this SGH report, that Activation Laboratories Ltd. has the expertise or is in the business of interpreting geochemical data as a general service. As the author is the originator of the SGH geochemistry, has researched and developed this exploration tool since 1996, and has produced similar interpretations using SGH data for over 500 surveys, he is perhaps the best qualified to prepare this interpretation as assistance to clients wishing to use SGH. Activation Laboratories Ltd. can offer assistance in general suggestions for sampling protocols and in sample grid location design; however we accept no responsibility to the appropriateness of the samples taken. Activation Laboratories Ltd. has made every attempt to ensure the accuracy and reliability of the information provided in this report. Activation Laboratories Ltd. or its employees, does not accept any responsibility or liability for the accuracy, content, completeness, legality, or reliability of the information or description of processes contained in this report. The information is provided "as is" without a guarantee of any kind in the interpretation or use of the results of the SGH geochemistry. The client or user accepts all risks and responsibility for losses, damages, costs and other consequences resulting directly or indirectly form using any information or material contained in this report or using data from the associated spreadsheet of results.

December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 23 of
--



INTERPRETATION OF SGH RESULTS A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY

SAMPLE SURVEY INTERPRETATION

This report is based on the SGH results from the analysis of a total of 89 samples. The McKenzie Island Survey is comprised of a regular grid of samples that are spaced at about 100 metres. The grid is approximately 1.2 km by 0.7 km is size. Sample coordinates were provided for mapping of the SGH results for these samples as Easting and Northing UTM coordinates based on the NAD83 datum. A sample location map is shown below.

	×	×	×	×	×	×	×	×	*	×	×
×	×	×	×	×	×	×	×	×	×	×	×
×	×	×	×	×	x	×	×	×	×	×	×
×	×	×	×	×	×	×	×	×	×	×	×
×	×	×	×	×	×	×	×	×	×	×	×
		×	×	×	8 .8 .	×	×	×	×	×	×
		×	×	×	×	8	x	×	×	×	×
		×	×	×	×	×	×	×	×	×	×

SGH SURVEY – SAMPLE LOCATION MAP PROVIDED

December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 24 of 40



INTERPRETATION OF SGH RESULTS A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY

SAMPLE SURVEY INTERPRETATION

On November 4, 2011 Mr. Scott Franko provided the following map and description as background information. "Sample positions attached. As discussed the solid red line denotes a 1m wide 1/2 oz/ton Au Oz vein contacting a diabase dyke which strikes along the dashed line under till. This should give you a good signature to look for across the rest of the claims. Please note my sample bags are labeled as listed however Base line samples are BL1E BL2E etc not 1EBL 2EBL as on the spreadsheet (of sample location coordinates)".



SGH SURVEY – SAMPLE LOCATION MAP PROVIDED

December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 25 of 40



SGH SURVEY INTERPRETATION A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY

Note that the associated SGH results are presented in a separate Excel spreadsheet. This data is semi-quantitative and is presented in units of pg/g or *parts-per-trillion* (ppt) as the concentration of specific hydrocarbons in the sample. The number of samples submitted for this survey is adequate to use SGH as an exploration tool. As SGH is an organic geochemistry it is essentially "blind" to the elemental presence of any inorganic species as actual metallic gold, silver, uranium, etc. content in the each sample analyzed. SGH has been proven to discriminate between false or mobilized soil anomalies and is able to actually locate the source target deposition. SGH is a deep-penetrating geochemistry and has been proven to locate gold and other types of mineralization at several hundred metres below the surface irrespective of the type of overburden. Note that the SGH data is only reviewed for the particular target deposit type requested, in this case for the presence of Gold mineralization. It is also initially assumed that there is only one potential target. If known, in surveys with several complex geophysical targets, to obtain the best interpretation the client should indicate that there are possibly multiple targets. The possibility of multiple geophysical targets should be known due to potential overlap and the increased complexity of resulting geochromatographic anomalies, which could alter the interpretation as to which targets are mineralized and which ones are not.

The overall precision of the SGH analysis for the samples at this McKenzie Island Survey was excellent as demonstrated by 6 samples taken from this survey which were used for laboratory replicate analysis. The average Coefficient of Variation (%CV) of the replicate results for the Survey samples in this submission was 7.0 % which represents an excellent level of analytical performance especially at such low parts-per-trillion concentrations.

No leveling or statistics were conducted on the data in this report for mapping or interpretation purposes aside from the use of a Kriging trending algorithm in the GeoSoft Oasis Montaj mapping software. This interpretation is based only on this survey and on these SGH results.

The maps shown in plan and in 3D views in this report are SGH "Pathfinder Class maps" for targeting various hydrocarbon flux signatures related to specific types of mineralization. These maps represent the simple summation of several individual hydrocarbon compound concentrations that are grouped from within the same organic chemical class. SGH Pathfinder Class maps have been shown to be robust as they are each described using from 4 to 14 (unless otherwise stated) chemically related SGH compounds which are simply summed to create each class map. Thus each map has a higher level of confidence as it is not illustrating just one compound measurement. A legend of the compound classes appears at the bottom of the SGH data spreadsheet.

The *overall* SGH interpretation Rating has even a higher level of confidence as it further relies on the consensus between at least two additional pathfinder classes. A combination of these SGH Pathfinder Classes potentially defines the signature of a target at depth if present.

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 26 of 40
1336 Sandhill Drive • Ancaster, ON • L9G	4V5 • CANADA • Tel: (905) 648-9611 • Fax	x: (905) 648-9613 • Toll Free	e: 1-888-ACTLABS



SGH SURVEY INTERPRETATION A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" PATHFINDER CLASS MAPS

The Gold template of SGH Pathfinder Classes uses low and medium weight classes of hydrocarbon compounds. At least three Pathfinder Class maps, associated with the SGH signature developed for Gold must be present to begin to be considered for assignment of a good rating relative to the SGH performance in case studies over known Gold based mineralization. The Pathfinder Class anomalies must also concur and support a consistent interpretation in relation to the expected geochromatographic characteristics of the Pathfinder Class.

SGH has been described by the Ontario Geological Survey of Canada (OGS) as a "REDOX cell locator". Many SGH surveys for Gold and other mineral targets can result in multiple types of anomalies, depending on the class of SGH compounds, even over the same target and in the same set of samples. Thus "Apical", "Nested-Halo", and "Rabbit-Ear" or "Halo" type anomalies are all typically observed within the SGH data set from the effect of REDOX cells that have developed over deposits. REDOX cells are also related to the presence of bacteriological activity.

Note that any concentration value in the accompanying Excel spreadsheet greater than the "Reporting Limit" of 1 ppt is important data and has been able to depict mineralization at depth. The majority of the variability or noise has already been eliminated; additional filtering will adversely affect any interpretation. Note that a Kriging trending algorithm has been applied to the mapping routine in the Geosoft Oasis Montaj software in the development of the SGH Class maps. SGH concentrations are in some way probably related to the amount of mineralization present and the grade of mineralization, which probably defines the characteristics of the biofilm(s) in contact with the deposit, as well as being related to the depth to mineralization. SGH results have also been shown to correlate well with geophysical anomalies such as magnetic anomalies and those of CSAMT.

SGH is a "deep penetrating" geochemistry but also works well for relatively shallow targets. Targets shallower than about 3 to 5 metres will have a reduced SGH signal due to interaction with atmospheric conditions and samples taken right at surface outcrops will have even weaker signals due to a higher degree of weathering from various processes on these volatile and semi-volatile organic hydrocarbons.

Each of the SGH Pathfinder Class maps shown in this report is a specific *portion* of the SGH signature relative to the type of mineralization discussed. Each pathfinder class map is still just one of the Pathfinder Class maps used in each of the interpretation templates (other SGH Pathfinder Class maps are not shown at this price point and report turnaround time). Additional interpretation information which may contain additional SGH Pathfinder Class maps is available as a Supplementary Report at an additional price (see page 4).

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 27 of 40


A11-13034 – CROWN GOLD CORPORATION **MCKENZIE ISLAND SURVEY - SGH SURVEY INTERPRETATION**

SGH INTERPRETATION RATING AND CLARIFICATION

Often the use of a geochemistry such as SGH is used as an economical exploration investigation tool to provide more information on an exploration target as some geological body or geophysical target. Such occurrences are in general expected to change the chemistry of the immediate overburden which in turn is expected to result in a chemical anomaly as detected in surficial samples. The author believes that it is important to convey to the client of an anomaly even if it is only a part of the mineral signature or template requested. The anomaly illustrated in the report may not be representative of the mineralization sought as only a part of the SGH signature is present, but the anomaly may confirm the presence of the geological or geophysical target which may be valuable to the client. In addition it would confirm the ability and sensitivity of SGH to show geological or geophysical occurrences. Example: A well defined rabbit-ear anomaly on the SGH Pathfinder Class map in a report, even though it may have a lower rating of 2.0 or 3.0, may illustrate to the exploration geologist that SGH does agree that there is some geological body at depth that is changing the chemistry and forming a Redox cell in the overburden. However the SGH forensic signature Rating indicates that there is a lower confidence that the "identification" of that body is likely to be say Gold (if the SGH Gold template is requested). This information would provide a confirmation that a target does exist, however if the SGH Rating indicates that the target has a lower level of confidence then the target does not have the forensic signature of the mineralization sought. SGH would thus provide a savings to the exploration program and divert focus to potentially other targets having a higher confidence in the identification Rating.

Thus, the SGH rating must always be considered in conjunction with the SGH **Pathfinder Class map shown in the report.** It is this rating that provides an insight into the authors' complete interpretation and is a measure of the confidence and to what degree the complete SGH signature compares with the SGH results from over case studies of similar known deposits. Unfortunately, the interpretation of a visual, as the SGH map provided, is so ingrained in humans that the reader may erroneously disregard the author's subjective rating to a large degree. As of November 25, 2011, the author now highlights the rating directly on the page having the plan view of the SGH Pathfinder Class map chosen to be illustrated. Thus to the reader of the report, the authors Rating is actually **MORE IMPORTANT** than the readers instinctive interpretation of the one map provided. Again, SGH should not be used in isolation from other site information, and that a Rating of 4.0 is when, in the authors' estimation, a signature only starts to have a good identification relative to that type of mineralization, and that the survey may warrant further study although it is not a specific recommendation to drill test the anomaly. As the SGH interpretation is represented by a signature, the SGH Pathfinder Class map(s) illustrated in reports is always only "PART" of the specific SGH signature or template that the client requests (i.e. for Gold, Nickel, etc.). No one SGH map can represent the complete signature due to the different amounts of spatial dispersion expected for the variety of SGH chemical classes within each signature. Thus the author selects the one SGH Class Map relative to the mineralization requested that best represents an anomaly that estimates the overall signature found in the survey.

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 28 of 40



SGH SURVEY INTERPRETATION A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" PATHFINDER CLASS MAPS

As a general comment regarding the SGH results at the McKenzie Island Survey, there is an excellent set of evidence to illustrate and confirm the presence of Redox conditions in the overburden in the central portion of this survey with a high degree of confidence. As this is the first time that Crown Gold Corporation has used the SGH geochemistry we have developed this more comprehensive report at no extra cost. In general most reports would contain only one SGH Pathfinder Class map that would have an interpretation applied and discussed. This report discusses and illustrates another SGH Pathfinder Class maps that is representative of many other SGH Class maps and shows more of the supporting information that was used to arrive at the interpretation of the existence of a Redox Cell and determine an overall SGH Rating.

The plan view map for one of the moderately-high molecular weight SGH Classes that has been associated with Gold mineralization is shown on page 30. This SGH Class map is very important to the interpretation of the McKenzie Island Survey. This SGH Class illustrated in Plan view on page 30, and 3D view on page 31, is expected to have halo or nested-halo anomalies. As these moderately-heavy hydrocarbons are slower in their migration through the overburden from the location of the mineralization at depth than for smaller and lower molecular weight hydrocarbons, they have a longer residence time within the Redox zone and the associated Electrochemical cell, to disperse away from the target. In the case of the McKenzie Island Survey a dotted black outline is applied to the map on page 30 that illustrates the approximate extent of the Redox conditions in the overburden for other high molecular weight SGH classes (not shown in this report). It can be observed that the depleted region in green and dark blue lies within the dotted black outline indicating that this class of moderately-high molecular weight hydrocarbons is slightly less dispersed. This agrees with the expected geochromatographic separation between these SGH Classes.

As more easily observed in 3D on page 31, at the western edge of the Redox cell there is a significantly higher response as a NNW trending apical ridge. The edge of the Redox zone is where the greatest chemical Redox gradient is located. This apical ridge, shown within the dashed yellow outlines, is detected by this SGH Gold Pathfinder Class and agrees very well with the information supplied (page 25) that indicated the presence of a gold bearing vein in contact with a diabase dyke.

As other SGH Class maps support this interpretation, there is thus a relatively high degree of confidence in the existence of a Redox Cell and delineation of the Redox conditions in the overburden. It must be remembered that many other SGH Class maps not shown in this report have been reviewed to support the interpretation shown.

December 7, 2011 Activation Laboratories Ltd. A	.11-13034	Page 29 of 40
---	-----------	---------------





"APICAL RIDGE" SGH ANOMALY AT THE HIGHEST GRADIENT OF THE REDOX CELL FOR THIS MODERATELY-HIGH MOLECULAR WEIGHT CLASS. THE REDOX ZONE IS WITHIN THE HIGH MOLECULAR WEIGHT DISPERSION HALO ILLUSTRATED BY THE DOTTED BLACK OUTLINE FROM OTHER SGH CLASS MAPS.

GOLD BEARING VEIN IN CONTACT WITH A DIABASE DYKE.



Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 30 of 40
1336 Sandhill Drive Ancaster ON A LOG	41/5 • CANADA • Tel: (905) 648-9611 • Fax:	(905) 648-9613 • Toll Free: 1	







Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 31 of 40
1336 Sandhill Drive Ancaster, ON L9G 4	/5 ● CANADA ● Tel: (905) 648-9611 ● Fax	(: (905) 648-9613 ● Toll Free: 1-	-888-ACTLABS



SGH SURVEY INTERPRETATION A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" PATHFINDER CLASS MAPS

The plan view map for a low molecular weight SGH Class is shown on page 33. This is one of the SGH Class maps that have proven to be the most definitive in its association with Gold mineralization. This map is quite complex. SGH anomalies for the SGH Class are expected to be apical as the vertical projection of gold mineralization at depth. These anomalies are also confirmed with the association of Redox cells and the halo anomalies of higher molecular weight SGH Class maps such as the one on page 30.

The interpretation relative to the presence of Gold mineralization at the McKenzie Island Survey is directly supported by the association with the Redox zone in this area as shown from the previously discussed higher molecular weight SGH classes associated with Gold mineralization.

It is predicted by this SGH data that Gold mineralization, if present, would be within the central blue dashed thin oval on page 33 as a vertical projection of Gold mineralization at depth.

The central halo anomalous zone as the black dotted and dashed oval from page 29 has been shown again on page 32 for reference.

As mentioned on page 27, gold mineralization that is shallower than about 3 to 5 metres will have a reduced SGH signal due to interaction with atmospheric conditions and samples taken right at surface outcrops will have even weaker signals due to a higher degree of weathering. Thus the area within the yellow dashed outlines on page 33 does not exhibit a higher response as the mineralization is very shallow, yet due to the advantage of using a forensic signature related to Gold mineralization, the shallow mineralization is well depicted using the associated moderately-high molecular weight class as shown on page 29. These moderately-high molecular weight hydrocarbons are much more robust and not affected very much by near-surface weathering processes.

It must be remembered that many other SGH Class maps not shown in this report have been reviewed to support the interpretation shown.

December 7, 2011

Activation Laboratories Ltd. A11-13034

Page 32 of 40





LOW MOLECULAR WEIGHT SGN HAVING AN APICAL ANOMALY WITHIN THE REDOX ZONE.

THIS SGH GOLD PATHFINDER CLASS DOES NOT ILLUSTRATE GOLD MINERALIZATION THAT IS NEAR OR AT SURFACE, KNOWN TO BE WITHIN THE YELLOW DASHED OUTLINE, DUE TO WEATHERING EFFECTS.

SGH SIGNATURE RATING RELATED TO GOLD MINERALIZATION = 5.5 OF 6.0



Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 33 of 40
1336 Sandhill Drive • Ancaster, ON • L9G 4V	/5 ● CANADA ● Tel: (905) 648-9611 ● Fa	x: (905) 648-9613 ●	Toll Free: 1-888-ACTLABS







Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

December 7, 2011Activation Laboratories Ltd.A11-13034Page 34 of 40



SGH SURVEY INTERPRETATION A11-13034 – CROWN GOLD CORPORATION MCKENZIE ISLAND SURVEY - SGH "GOLD" RATING

After review of all of the SGH Class maps, the SGH results from the McKenzie Island survey suggests a "rating of 5.5" out of a possible 6.0 (6.0 being the best) as the confidence in predicting that mineralization in the central blue dashed oval on page 33 as potentially moderately deep Gold mineralization and within the yellow dashed outlines as shallow Gold mineralization.

The rating shown in this and all SGH reports are based on a scale of 6.0, in 0.5 increments, with a value of 6.0 being the best. This rating represents the similarity of these SGH results, and the associated Pathfinder Class maps, primarily to case studies for a Gold case study in Nunavut, shear hosted as well as sediment hosted deposits in Nevada, and Paleochannel Gold deposits in Australia. The general SGH template used for Gold has been developed primarily from these study areas. It has since been enhanced and has been proven effective from the interpretation over many other surveys in many different geographical regions and for a wide variety of lithologies for Gold.

Note that other individual apical responses in the low molecular weight SGH Class map on page 33 may also represent pods of Gold mineralization, especially when they occur at the edge of the Redox cell, however this prediction has an associated lower level of confidence. This lower confidence is primarily due to the lack of data as most of the apical anomalies of this class are located near the outer boundary of the survey and thus have less surrounding data to observe.

Again, the degree of confidence in the rating only starts to be "good" at a level of 4.0. A Rating of 4.0 is an indicated that SGH predicts that the zone described may warrant more work or more consideration.

It must be remembered that many other SGH Class maps not shown in this report have been reviewed to support the interpretation shown.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 35 of 40



A11-13034 – CROWN GOLD CORPORATION **MCKENZIE ISLAND SURVEY SGH SURVEY – RECOMMENDATIONS**

The McKenzie Island survey could be extended with additional sampling to the north and south to help determine whether the ridge of predicted gold mineralization, in contact with the diabase dyke, could be traced further. It is suggested that the same grid spacing be used in order to not mix the survey resolution.

Please refer to the general recommendations for additional or in-fill sampling for SGH in the next section if this is considered.

GENERAL RECOMMENDATIONS FOR ADDITIONAL OR IN-FILL SAMPLING FOR SGH ANALYSIS

Based on the results of this report and/or other information, the client may decide that in-fill sampling may be warranted. To obtain the best results from additional sampling for SGH it is recommended that sample locations within, or bordering, the area of interest be re-sampled rather than just combining new sample results with the sample data from the initial survey. Although several SGH surveys have previously been easily and directly, combined without data leveling, it cannot be guaranteed that data leveling will not be required. It has been found that data leveling is more apt to be required should the new samples be collected under significantly different environmental conditions than during the initial sample survey, i.e. summer collection versus winter collection. The process of data leveling adds a minimum of 3 to 5 days of work to conduct the additional data evaluation, develop additional plots of the results, conduct new interpretations, and in additional report descriptions. Results from data leveling is also always considered "an approximation", thus the confidence in a combined interpretation will be lower that the interpretation from samples collected during one excursion to the field and submitted as one survey. As of September 2010, an additional cost will be invoiced should data leveling operations be required if the client requests that two SGH data sets be interpreted and reported together. Thus re-sampling a few of the original sample locations will provide a faster turnaround time for results and provide more accurate and confident surveys for evaluation and aid in deciding specific drill targets.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 36 of 40



Cautionary Note Regarding Assumptions and Forward Looking Statements

The statements and target rating made in the Soil Gas Hydrocarbon (SGH) interpretive report or in other communications may contain certain forward-looking information related to a target or SGH anomaly.

Statements related to the rating of a target are based on comparison of the SGH signatures derived by Activation Laboratories Ltd. through previous research on known case studies. The rating is not derived from any statistics or other formula. The rating is a subjective value on a scale of 0 to 6 relative to the similarity of the SGH signature reviewed compared to the results of previous scientific research and case studies based on the analysis of surficial samples over known ore bodies. No information on other geochemistries, geophysics, or geology is usually available as additional information for the interpretation and assignment of a rating value unless otherwise stated. The rating does not imply ore grade and is not to be used in mineral resource estimate calculations. References to the rating should be viewed as forward-looking statements to the extent that it involves a subjective comparison to known SGH case studies. As with other geochemistries, the implied rating and anticipated target characteristics may be different than that actually encountered if the target is drilled or the property developed.

Activation Laboratories Ltd. may also make a scientifically based reference in this interpretive report to an area that might be used as a drill target. Usually the nearest sample is identified as an approximation to a "possible drill target" location. This is based only on SGH results and is to be regarded as a guide based on the current state of this science.

Unless stated, Activation Laboratories Ltd. has not physically observed the exploration site and has no prior knowledge of any site description or details. Actlabs makes general recommendations for sampling and shipping of samples. Unless stated, the laboratory does not witness sampling, does not take into consideration the specific sampling procedures used, season, handling, packaging, or shipping methods. The majority of the time, Activation Laboratories Ltd. has had no input into sampling survey design. Where specified Activation Laboratories Ltd. may not have conducted sample preparation procedures as it may have been conducted at the client's assigned laboratory. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ scientifically which may impact the associated interpretation and target rating from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended.

In general, any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance are not statements of historical fact. These "scientifically based educated theories" should be viewed as "forward-looking statements".

December 7, 2011	Activation Laboratories Ltd.	A11-13034	Page 37 of 40



Readers of this interpretive report are cautioned not to place undue reliance on forward-looking information. Forward looking statements are made based on scientific beliefs, estimates and opinions on the date the statements are made and the interpretive report issued. The Company undertakes no obligation to update forward-looking statements or otherwise revise previous reports if these beliefs, estimates and opinions, future scientific developments, other new information, or other circumstances should change that may affect the analytical results, rating, or interpretation.

Actlabs nor its employees shall be liable for any claims or damages as a result of this report, any interpretation, omissions in preparation, or in the test conducted. This report is to be reproduced in full, unless approved in writing.

December 7, 2011

Activation Laboratories Ltd. A11-13034 Page 38 of 40

Quality Analysis ...



Date Submitted at Actlabs Ancaster: November 4, 2011

Date Analyzed: November 10 – November 16, 2011

Interpretation Report: December 7, 2011

CROWN GOLD CORPORATION

130 Adelaide Street West,

Toronto, Ontario, Canada

M5H 3P5

Attention: Mr. Scott Franko, P.Geo, Exploration Manager

RE: Your Reference: McKenzie Island Survey

Activation Laboratories Workorder: A11-13034

CERTIFICATE OF ANALYSIS

This Certificate applies to the associated Excel Spreadsheet of Hydrocarbon results combined with the discussion and SGH Pathfinder Class maps of the data shown in this report.

89 Samples were analyzed.

Interpretation relative to Gold mineralization was requested.

Samples were received and prepared at Actlabs' Ancaster facility using preparation code S4

The following analytical package was requested: Code SGH – Soil Gas Hydrocarbon Geochemistry

December 7, 2011 Activation Laboratories Ltd. A11-13034 Page 39 of 40

Quality Analysis ...



REPORT/WORKORDER: A11-13034

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at the time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of the material submitted for analysis.

Notes: The SGH – Soil Gas Hydrocarbon Geochemistry is a semi-quantitative analytical procedure to detect and measure 162 hydrocarbon compounds as the <u>organic</u> signature in the sample material collected from a survey area. It is not an assay of mineralization but is a predictive geochemical tool used for exploration. This certificate pertains only to the SGH data presented in the associated Microsoft Excel spreadsheet of results.

The author of this SGH Interpretation Report, Mr. Dale Sutherland, is the creator of the SGH organic geochemistry. He is a Chartered Chemist (C.Chem.) and Forensic Scientist specializing in organic chemistry, and a member of The Association of Applied Geochemists. He is not a professional geologist or a professional geochemist.

CERTIFIED BY:

Jutherland

Dale Sutherland, B.Sc., B.Sc., B.Ed., C.Chem.

Forensic Scientist, Organics Manager,

Director of Research

Activation Laboratories Ltd.



December 7, 2011

Activation Laboratories Ltd. A11-13034

Page 40 of 40