GEOCHEMICAL REPORT

on

TENURE NUMBERS

514620, 543460, 543461, 559657 AND 559658

in

HEDLEY GOLD BASIN SOUTH
South Central British Columbia
Osoyoos Mining Division

92H-08E
(49° 17' North Latitude, 120° 06' West Longitude)

for

GRANT F. CROOKER
2522 Upper Bench Road
Keremeos, BC.
V0X 1N0
(Owner and Operator)

by

GRANT F. CROOKER, P.GEO.,
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August 2008

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1.0 SUMMARY

The Don property is located 230 kilometres east of Vancouver, 40 kilometres north of the State of Washington's USA border and 7 kilometres south of Hedley in the Hedley Gold Basin of southern British Columbia. The property is owned and operated by Grant F. Crooker, 2522 Upper Bench Road, P O Box 404, Keremeos, BC, V0X 1N0 and consists of five cell mineral claims (contiguous) covering 779.59 hectares in the Osoyoos Mining Division.

The Hedley Gold Basin has been an active area for gold exploration and gold production since the 1860s when placer mining was first carried out on Twenty Mile Creek. The interest in placer gold mining led to the discovery of lode gold on Nickel Plate Mountain in the 1890s. Lode gold production at Nickel Plate Mountain commenced in 1904 and continued until 1996. During this period, 78,506,148 grams (2,524,313 ounces) of gold were produced from sedimentary-hosted strata-bound auriferous skarn deposits. The Nickel Plate and Hedley-Mascot (Mascot Fraction) mines produced more than 90 per cent of the gold from a single gold skarn deposit (Nickel Plate zone). A small amount of gold production came from the French, Good Hope and Canty gold skarn deposits, and from the Banbury quartz-carbonate veins (Maple Leaf and Pine Knot).

In the 1970s, exploration renewed in the Hedley Gold Basin with most of the activity concentrated on properties on Nickel Plate Mountain. However, exploration was also carried out in many other areas within the Hedley Gold Basin. The most important property in the basin is the Nickel Plate mine that hosts strata-bound and disseminated gold skarn mineralisation. By 1986, new ore reserves were discovered at Nickel Plate in the order of 9,900,000 tons grading 0.088 ounces per ton gold. The Nickel Plate mine commenced production as an open pit operation in 1987 and in closed 1996.

The only company presently active in the area is Goldcliff Resource Corporation which is exploring the Panorama Ridge property approximately 6 kilometres east of the Nickel Plate mine. Goldcliff has conducted significant trenching and drilling programs over the past 8 years with good success and is presently conducting a 5,000 metre core drilling program.

The Hedley Gold Basin is comprised of Paleozoic to Jurassic volcanic and sedimentary rocks that have been intruded by a series of stocks, plutons and batholiths. The Hedley Gold Basin trends in a northeast to south-west direction for 35 kilometres and in a northwest to southeast direction for 15 kilometres. The Similkameen River Valley (northwest southeast trending valley) geographically subdivides the Hedley Gold Basin into a northern portion, Hedley Gold Basin North, (Nickel Plate mining district) and a southern portion, Hedley Basin South (Sterling Creek mining district). The Hedley Gold Basin North contains the Nickel Plate mine and all the other former gold skarn producers (Mascot Fraction, Canty, Good Hope, and French). The Hedley Gold Basin South contains identical geology to Hedley Gold Basin North with minor gold production from quartz veins at the Banbury mine (Maple Leaf and Pine Knot veins).

The Don Group covers a northerly trending band of Hedley Formation sedimentary rocks that stretches the entire length of the property. The limey siltstones of the Hedley Formation are the most favourable rocks in the district to host the skarn related gold mineralisation.

The southern portion of this band of Hedley Formation sediments (Don and Speculator and Lost Horse 86 showings) have been intruded by sills and dykes of Hedley intrusions, including the Larcan stock. This area shows variable skarn alteration and anomalous gold values. The Cahill Creek pluton intrudes the western portion of the Don Group and has thermally overprinted both the sedimentary and intrusive rocks.

The 2008 reconnaissance soil geochemical program was conducted over the Hedley Formation sedimentary rocks in the northern portion of the Don Group to test for gold or pathfinder element soil geochemical anomalies within this favourable host rock. One line of soil samples with a 10 metre sample spacing was ran in an east-west direction across the sedimentary rocks, while a second line with a 20 metre sample spacing was ran in a north-south direction parallel to the sedimentary rocks.

The following conclusions can be drawn from the 2008 work program:

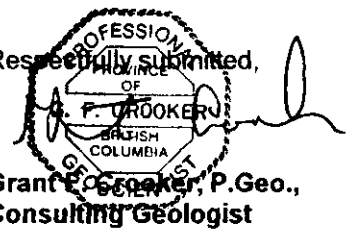
1.1 Four of the soil samples gave weakly anomalous gold values. The anomalous values are scattered and do not form a significant gold soil geochemical anomaly.

1.2 A number of the soil samples gave weakly anomalous pathfinder element (arsenic, bismuth, tellurium and molybdenum) values. The anomalous values are scattered and do not form significant soil geochemical anomalies.

1.3 The soil geochemical survey over the Hedley Formation sedimentary rocks did not yield significant gold or pathfinder element soil geochemical responses.

Recommendations are as follows:

-Future work programs should concentrate in the area of the Don and Speculator, and Lost Horse 86 showings where significant gold values and skarn and hornfels alteration have been documented.



Respectfully submitted,

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Aug 25/2008

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Aug 25/2008

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DON PROJECT (NTS 92H-8E
OSOYOOS M.D., BC
LOCATION MAP

DATE: August 2008 | FIGURE: 1.0

SCALE: 0 100 200 KILOMETRES

2.0 INTRODUCTION

2.1 GENERAL

The following report entitled "Geochemical Report on Tenure Numbers 514620, 543460, 543461, 559657 and 559658 in Hedley Gold Basin South, South Central British Columbia, Osoyoos Mining Division (92H-08E), August 2008 " was prepared for Grant F. Crooker, Keremeos, BC Canada. The report was prepared to summarize the results of a reconnaissance soil geochemical survey conducted on the mineral claims during May 2008.

Fieldwork was carried out on the mineral claims on May 25 and 26 2008 by Grant F. Crooker, P.Geo., of GFC Consultants Inc.

2.2 LOCATION AND ACCESS

The Don property (Figure 1.0) is located 230 kilometres east of Vancouver, British Columbia and 7 kilometres south of Hedley in southern British Columbia, at 49° 17' north latitude and 120° 06' west longitude (92H-08E).

Access to the property is via Highway 3, turning westerly onto the Sterling Creek Forest Access Road 8 kilometres west of Hedley and proceeding to the 3.8 kilometre point. One then takes the John's Creek approximately 20 kilometres to the property.

2.3 PHYSIOGRAPHY

The property is located within the Okanagan Highlands and elevation varies from 130 to 1800 metres above sea level. Relief varies from gentle to steep, with Larcan and Johns creeks flowing easterly through the property.

Vegetation consists of a forest cover of pine, fir, balsam, aspen and spruce trees, with open grassy areas on some south slopes. A number of areas have been logged by selective and clear cutting methods.

The area is subject to moderate snowfall in the winter.

2.4 PROPERTY AND CLAIM STATUS

The Don property (Figure 2.0) is owned and operated by Grant F. Crooker, 2522 Upper Bench Road, P O Box 404, Keremeos, BC, V0X 1N0. The property consists of five cell mineral claims (contiguous) covering 779.59 hectares in the Osoyoos Mining Division.

TABLE 1.0 – CLAIM DATA

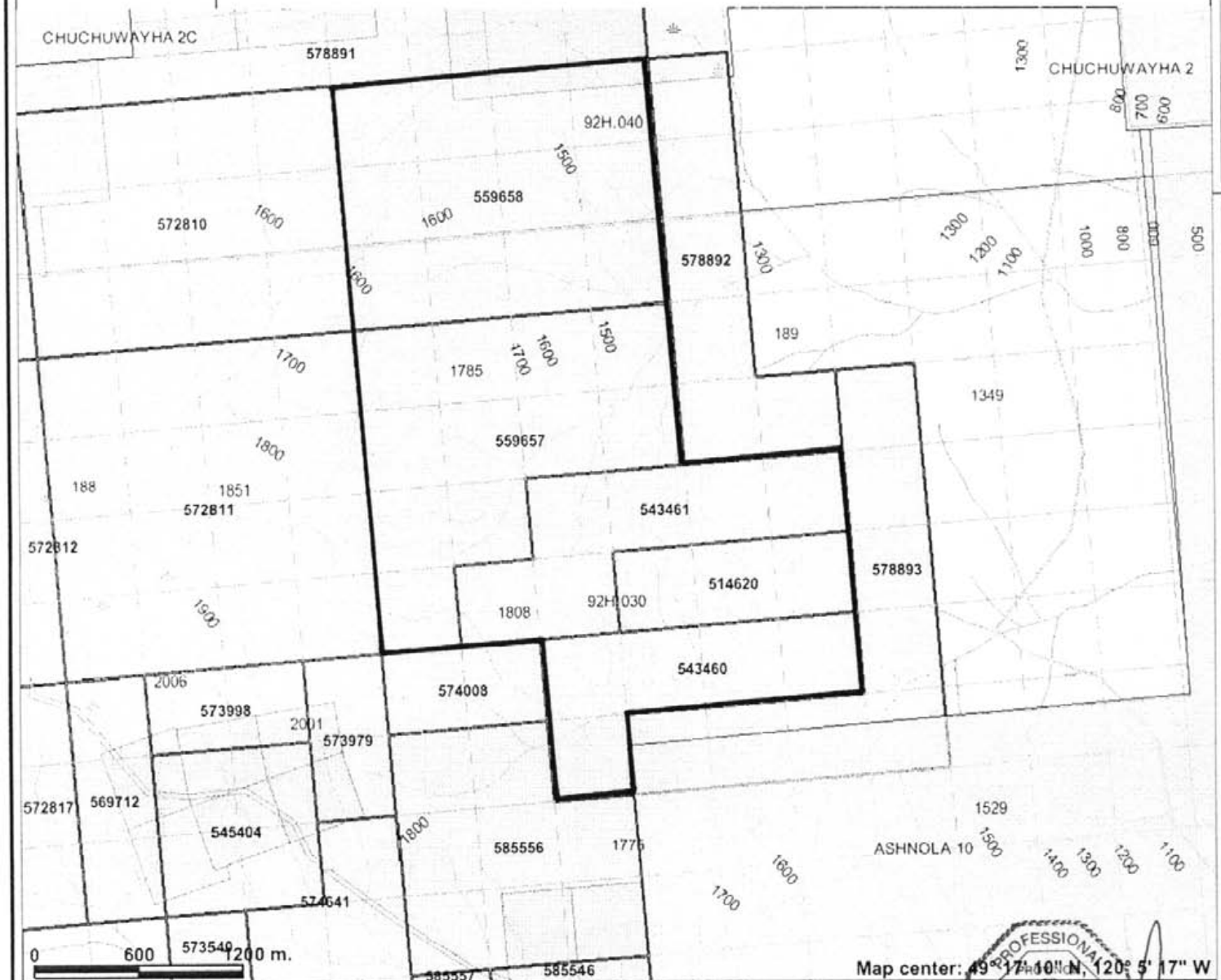
Claim	Hectares	Mining Division	Tenure Number	Good To Date y/m/d	New Good To Date y/m/d
	63.22	Osoyoos	514620	2008/Nov/13	2012/Nov/13*
LH #1	105.38	Osoyoos	543460	2008/Oct/17	2011/Oct/17*
LH #2	126.44	Osoyoos	543461	2008/Oct/17	2011/Oct/17*
DON 1	231.78	Osoyoos	559657	2008/May/31	2009/Jun/30*
DON 2	252.79	Osoyoos	559658	2008/May/31	2009/Jun/30*

* Upon acceptance of this report

2.5 AREA AND PROPERTY HISTORY

Placer mining was first carried out in the Hedley Gold Basin in the 1860s and 1870s. The interest in placer mining led to the discovery of lode gold on Nickel Plate Mountain in the 1890s, with the first claims being staked in 1896. Many showings were found within the Hedley Gold Basin, both on Nickel Plate Mountain (Hedley Gold Basin North) and the surrounding area. The two major producers in the district were the Nickel Plate (Nickel Plate, Bulldog, Sunnyside deposits) and Hedley Mascot (Mascot Fraction) mines. Production from the mines during the period from 1905 to 1955 was approximately 51 million grams (1.6 million ounces). Minor gold

CLAIM MAP DON GROUP FIGURE 2.0



Legend

- Indian Reserves
- National Parks
- Parks

MTO Grid (MTO)

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Annotation (1:20K)

Transportation - Points (TRIM)

- Helipad

Transportation - Lines (TRIM)

- Airfield
- Airport
- Airstrip
- Airport Abandoned

Scale: 1:34,261

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: GRANT F. CROOKER

PROFESSIONAL ENGINEER OF BRITISH COLUMBIA G. F. CROOKER GEOSCIENTIST

Aug 25/2008

production came from the French, Good Hope and Canty gold skarns. A small amount of gold production also came from the Banbury quartz-carbonate veins (Maple Leaf and Pine Knot veins) located on the south side of the Similkameen River (Hedley Gold Basin South).

Exploration renewed in the Hedley Gold Basin in the 1970's. Most of the activity concentrated on properties on Nickel Plate Mountain, although exploration was carried out on other properties within the Hedley Gold Basin. By the mid 1980s, the Nickel Plate mine had sufficient ore reserves (9,900,000 tons grading 0.088 ounces gold per ton) to begin production. The Nickel Plate mine commenced production in August 1987 with a milling rate of 2,700 tons per day and ceased production in July 1996. Approximately 1,000,000 ounces of gold were extracted from the strata-bound and disseminated gold skarns.

A number of gold properties are located on the south side of the Similkameen River (Hedley Gold Basin South). Historically, most of these properties have been found to be related to quartz-carbonate vein systems and associated shear zones as opposed to skarn-related mineralization at the Nickel Plate mine. Recent geological data by Ray (1986/87) has indicated that similar skarn related gold environments exist in the Hedley Gold Basin South. Table 2.0 lists the Minfile occurrences in the south side of the Similkameen River. The Don and Speculator (92HSE051) and Lost Horse 86 (92HSE088) Minfile occurrences occur within the Don Group of claims.

TABLE 2.0 – MINERAL OCCURRENCES HEDLEY BASIN SOUTH

OCCURRENCE	TYPE	ASSOCIATED METALLIC ELEMENTS	CLAIM (S)	MINFILE NO.	EASTING NAD 83	NORTHING NAD 83
Banbury (Pine Knot)	vein	Au, As, Cu, Zn, Pb		92HSE046	708550	5471100
Banbury (Maple Leaf)	vein	Au, As, Cu, Zn, Pb		92HSE046	708150	5470950
Banbury	porphyry	Au, Cu		92HSE177	708,700?	5,471,250?
Patsy No. 1	vein	Au, As, Zn, Cu, Ag		92HSE047	706550	5472450
Patsy No. 2	vein	Au, Ag, As, Sb		02HSE048	705350	5470350
Hed	vein	Au, As, Cu, Zn		92HSE138	706968	5470771
Snowstorm	shear	Au, Ag, As		92HSE053	706597	5470336
Gold Hill	vein	Au, Zn, Cu, As, Pb		92HSE054	707456	5470217
Lost Horse	skarn	Au, As		92HSE050	709625	5461450
Lost Horse 86	skarn	Au, Ag, As, Cu	514620	92HSE088	711856	5462761
Speculator, Don	skarn	Au, Ag, As, Cu	514620	92HSE051	712770	5462970
Blitz North	vein	Au, As		92HSE175	707800	5465780
Blitz South	vein	Au, As, Sb		92HSE175	707775	5465200
Mission	vein	Au, Ag, As, Cu, Zn, Pb		92HSE052	710425	5467950
Van North	skarn	Au, As		-	709900	5466950
Van South	skarn	Au, Ag, As, Cu, Zn		-	709950	5466675
WP	vein	Au, Ag		92HSE174	703, 035	5468251
WP Camp Zone	vein	Ag, Cu, Au		-	704350	5466360
WP Polecutter Zone	skarn	Au, Ag, As		-	704475	5465900
Lamb 1	vein?	Ag, Cu		92HSE172	705513	5460551

The Speculator and Don showings are located on the eastern portion of tenure 514620 and are hosted by northerly striking, steep westerly dipping calcareous siltstone and thick limestone and marble beds of the Hedley Formation, close to the western margin of the Cahill Creek Pluton. The sedimentary rocks are intruded by several Hedley sills, with all rocks thermally overprinted by the Cahill Creek pluton.

At the Speculator showing, the argillite and siltstone are commonly metamorphosed to biotite hornfels while the limestone beds are selectively replaced by various calcium silicates. Six old trenches in a zone of intense limonitic oxidation, 200 metres long and up to 12 metres wide display fine to coarse grained arsenopyrite and varying amounts of pyrrhotite, pyrite and minor chalcopyrite. Six of seven samples collected from the trenches by Montello Resources in 1987 (AR# 15,177) assayed from 0.005 to 3.38 grams per tonne gold, while a seventh sample with the highest concentrations of arsenopyrite and chalcopyrite assayed 5.9 grams per tonne gold.

Chevron Minerals drill tested the showing with four diamond drill holes (Table 3.0) totalling 385 metres in 1987 (AR# 17,012) and 1988 (AR# 18,228). The drilling encountered interbedded hornfels and calcareous siltstone, with minor limestone and skarn containing up to 1% disseminated pyrite and 1% disseminated pyrrhotite. Gold values in the drill core ranged up to 0.35 grams per tonne over 2.16 metres (DDH 88-06, 42.01-44.17 metres). A number of other intersections gave weakly anomalous gold values in the 20 to 100 ppb range, with arsenic in the 50 to 2300 ppm range.

The Don showing is located approximately 150 metres north of the Speculator showing and consists of a zone of shearing and alteration that crosses a sill of the Hedley intrusions. The sill cuts argillite and limestone of the Hedley Formation. The zone consists mainly of quartz, epidote, calcite, pyroxene, zoisite and apatite with locally massive sulphides, mainly arsenopyrite. Two samples assayed 0.34 and 0.69 grams per tonne gold (Geological Survey of Canada Memoir 243, page 80).

The Lost Horse 86 showing is located approximately 1000 metres southwest of the Speculator showing on the western portion of tenure 514620. Westerly dipping (40 to 70 degrees) argillite, siltstone and tuff, locally with limestone and conglomerate has been intruded by a swarm of southerly striking, sulphide rich Hedley intrusive sills that are associated with extensive alteration and bleaching. The alteration is characterized by minor amounts of coarse pyroxene-garnet-scapolite-wollastonite-carbonate exoskarn alteration as well as purple-brown biotite alteration and siliceous, fine-grained pyroxene-orthoclase-quartz assemblages that are mottled pink and green in colour. Pyrrhotite and arsenopyrite mineralization is exposed in old trenches at a number of locations in the alteration zone. A 0.5 metre chip sample of calcic hornfels with 5% disseminated pyrite assayed 5.42 grams per tonne gold and 26 grams per tonne silver (AR# 17085).

Chevron Minerals drill tested the showing with four diamond drill holes totalling 757 metres (Table 3.0) in 1987 (AR# 17,085) and 1988 (AR# 18,233). The drilling intersected endoskarn and garnet-pyroxene exoskarn containing abundant scapolite with albite plagioclase, tremolite, idocrase, pyrrhotite, pyrite, rare arsenopyrite and chalcopyrite. As at the Nickel Plate mine, the scapolite was late and associated with the sulphide mineralization. Gold values ranged up to 0.565 grams per tonne over 2 metres (DDH 87-01, 95.76-97.76 metres). A number of other intersections gave weakly anomalous gold values in the 20 to 290 ppb range with arsenic in the 60 to 4400 ppm range.

Ray (1987), comments that the style of alteration in the area of the Speculator and Lost Horse 86 showings closely resembles the upper barren portion of the Nickel Plate envelope. He believes the area to have good economic potential because the westerly dipping zone of alteration may overlie gold bearing mineralization developed close to the base of the skarn, similar to Nickel Plate.

TABLE 3.0 – DRILL HOLE DATA –SPECULATOR & LOST HORSE 86 SHOWINGS (MCALLISTER 1987 & 1988)

DRILL HOLE	SHOWING	EASTING NAD 83	NORTHING NAD 83	AZIMUTH DEGREES	INCLINATION DEGREES	DEPTH METRES
87-01	Lost Horse 86	711800	5462700	77	-65	187.76
87-02	Speculator	712750	5462950	66	-65	117.96
88-03	Lost Horse 86	711790	5462580	77	-50	187.75
88-04	Lost Horse 86	711600	5462680	77	-60	300.83
88-05	Speculator	712750	5462956	-	-90	89.61
88-06	Speculator	712820	5462850	80	-50	99.36
88-07	Speculator	712770	5462800	90	-50	78.33
88-08	Lost Horse 86	711860	5462800	55	-50	80.98

3.0 EXPLORATION PROCEDURE

3.1 GRID PARAMETERS

-survey total
-1.4 kilometres
-600 metres on east-west line 10000N
-800 metres on north-south line 10000E
-survey station separation 10 metres (east-west)
-survey station separation 20 metres (north-south)
-stations marked with flagging
-declination 19°
-10000E and 10000N located at UTM 10U, 711,689E and 5,464,780
-UTM NAD 83

3.2 GEOCHEMICAL SURVEY PARAMETERS

-survey total
-100 soil samples collected
-100 soil samples sent for analysis
-survey sample spacing 10 and 20 metres
-soil sample depth 10 to 20 centimetres
-samples taken from brown or orange B horizon
-approximately 400 grams of soil collected for each sample

The soil geochemical values for gold are illustrated on Figure 4.0 and the certificates of analysis are listed in Appendix I.

3.3 SOIL SAMPLE ANALYSIS

The soil samples were sent to Eco Tech Laboratory Ltd., 10041 Dallas Drive, Kamloops BC, V2C 6T4 for analysis. Laboratory technique for soil samples consisted of drying the samples and sieving to minus 80 mesh. Gold (30 gram sample, fire assay, atomic adsorption finish, results in parts per billion) and 36-element BMS analysis (Jarrel Ash 61E ICP, aqua-regia digestion) were carried out on all soil samples.

Eco Tech Laboratory Ltd. is ISO 9001 certified and Eco Tech assayers are certified by the British Columbia government. Eco Tech dedicates more than 20% of analytical time to quality control procedures in order to ensure the validity of data. Repeat analyses were performed with good correlation to the original results.

4.0 GEOLOGY AND MINERALIZATION

4.1 REGIONAL GEOLOGY

The Hedley Gold Basin is located within the Intermontane Belt of the Canadian Cordillera. The geological history of the Hedley Gold Basin (after Ray et al) is summarized on Table 2.0.

The Hedley Gold Basin is comprised of Paleozoic to Jurassic volcanic and sedimentary rocks that have been intruded by a series of stocks, plutons and batholiths and trends in a northeast to south- west direction for 35 kilometres, and in a northwest to southeast direction for 15 kilometres. The Similkameen River Valley (northwest-southeast trending valley) geographically subdivides the Hedley Gold Basin into a northern portion, Hedley Gold Basin North, (Nickel Plate mining district) and a southern portion, Hedley Basin South (Sterling Creek mining district). The Nickel Plate mine and all the other former gold skarn producers (Mascot Fraction, Canty, Good Hope, and French) are part of the Hedley Gold Basin North. The Hedley Gold Basin South contains identical geology to Hedley Gold Basin North with minor gold production from quartz veins at the Banbury mine (Maple Leaf and Pine Knot veins).

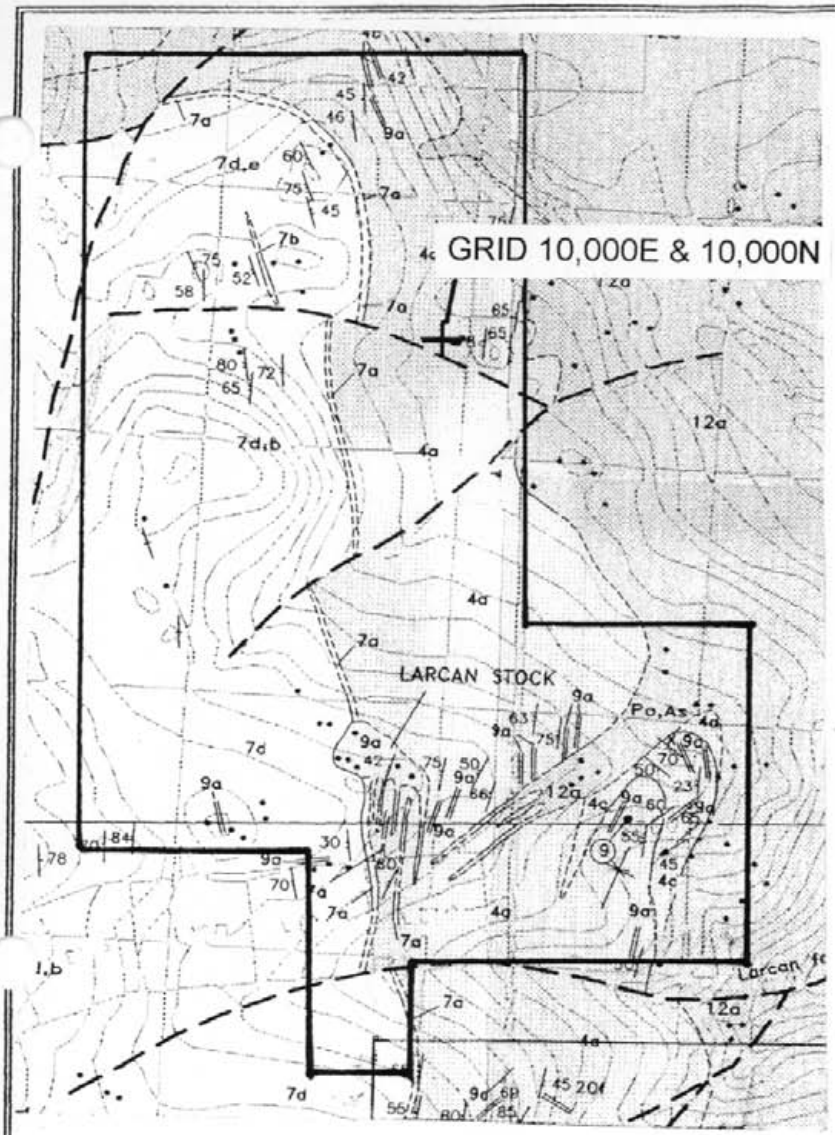
The oldest rocks are on the eastern margin of the Hedley Gold Basin and belong to the Paleozoic Apex Mountain Complex. The Apex Mountain Complex consists of a deformed package of chert, argillite, greenstone, tuffaceous siltstone and minor limestone that form the basement of the Hedley Gold Basin.

The Hedley Gold Basin is mainly composed of the Late Triassic Nicola Group rocks that overlay the Apex Mountain Complex. The Nicola Group is a westerly thickening calcareous sedimentary and arc-related volcaniclastic sequence that was deposited on a tectonically active, west-dipping paleoslope (Ray et al). The Hedley Gold Basin is in the upper eastern portion of a much larger regional tectonically controlled margin of a north-westerly deepening Late Triassic marine basin. The Nicola Group rocks are the host rocks for gold deposits in the Hedley Gold Basin.

The calcareous sedimentary succession of the Nicola Group is divided into three distinct stratigraphic packages of basal, proximal and distal facies. The Oregon Claims Formation is the oldest and forms the basal unit of the Nicola Group. The Oregon Claims Formation consists of massive, mafic quartz-bearing andesitic to basaltic ash tuff and minor chert-pebble conglomerate. The Oregon Claims Formation is overlain by a 100 to 700 metre thick sedimentary sequence in which a series of east-to-west facies changes are recognized. This sequence progressively thickens westward and the facies changes reflect deposition across the tectonically controlled margin of a north-westerly deepening Late Triassic marine basin.

The French Mine and Hedley formations are the proximal facies. The French Mine Formation has a maximum thickness of 200 metres. The formation is comprised of massive to bedded limestone inter-layered with thinner units of calcareous siltstone, chert-pebble conglomerate, tuff, limestone-boulder conglomerate and limestone breccia. This formation hosts the gold skarn mineralization at the French and Good Hope mines.

The Hedley Formation is stratigraphically equivalent to the French Mine Formation and hosts the gold skarn deposits at the Nickel Plate mine (Nickel Plate, Sunnyside, and Bulldog). The Hedley Formation is 400 to 800 metres thick and is characterized by thinly bedded, turbiditic calcareous siltstone and units of pure to gritty, massive to bedded limestone that reach 75 metres in thickness. The formation includes lesser amounts of argillite, conglomerate and bedded tuff and the lowermost portion includes minor chert-pebble conglomerate. The gold skarn deposits occur in the upper section of the formation and are associated with the calcareous siltstones and gritty impure limestones.



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LEGEND

QUATERNARY

A — Areas of extensive till cover or fluvial deposits

ASSORTED AGES

MINOR INTRUSIONS;

20 — 20a, rhyodacite–dacite with garnet phenocrysts (represents either intrusions or volcanic flows in Skwel Peken Formation); 20b, aplite (commonly related to the Cahill Creek and Lookout Ridge plutons, may be related to Quartz Porphyry Unit 14); 20c, basalt to andesite; 20d, granite to quartz monzonite (commonly related to Cahill Creek and Lookout Ridge plutons); 20e, granodiorite; 20f, feldspar (± quartz, hornblende) porphyry; 20g, diorite to gabbro; 20h, quartz vein

MID JURASSIC

SKWEL PEKEN FORMATION

15 — 15a, quartz–feldspar crystal ash and lapilli tuff; 15b, lapilli tuff and minor tuff breccia; 15c, maroon coloured tuff with fiamme; 15d, tuffaceous siltstone, dust tuff, minor argillite and pebble conglomerate; 15e, andesite ash and lapilli tuff; 15f, feldspar crystal andesite ash and lapilli tuff (15a–15e=lower member; 15f=upper member)

QUARTZ PORPHYRY

14 — 14, quartz eye felsic intrusion (may be related to units 12, 13 and 20b)

LOOKOUT RIDGE PLUTON

13 — 13a, pink, equigranular to feldspar porphyritic, quartz monzonite to granodiorite; 13b, margina phase granodiorite to diorite to mafic gabbro

CAHILL CREEK PLUTON

12 — 12a, quartz monzodiorite and granodiorite; 12b diorite to quartz diorite

EARLY JURASSIC

MOUNT RIORDAN STOCK

11 — 11a, equigranular gabbro, quartz gabbro and dorite; 11b, hornblende porphyritic granodiorite

LATE TRIASSIC

BROMLEY BATHOLITH

10 — 10a, granodiorite; 10b, diorite to quartz diorite

HEDLEY INTRUSIONS

9 — (includes the Stemwinder, Aberdeen, Toronto, Banbury, Pettigrew and Larcan stocks): 9a, hornblende porphyritic diorite and gabbro; 9b, equigranular diorite and gabbro; 9c, mafic diorite and gabbro (>50% mafics); 9d, quartz diorite and quartz gabbro

UNCERTAIN AGE

ROCKS OF UNCERTAIN AGE

8 — 8, undifferentiated; 8a, mafic tuffs (probably Whistle Formation); 8b, mafic tuffs; 8c, limestone and/or marble; 8d, polymictic conglomerate; 8e, argillite; 8f, tuffaceous siltstone (possibly Oregon Claims Formation); 8g, limestone, marbe and minor chert pebble conglomerate; 8h, limestone breccia and conglomerate; 8i, chert pebble conglomerate; 8j, massive garnetite skarn (8g,h,i and j probably French Mine or Oregon Claims Formations)

LATE TRIASSIC

WHISTLE FORMATION

7 — 7a, limestone boulder breccia (Copperfield breccia); 7b, siltstone; 7c, argillite; 7d, andesitic and basaltic ash tuff; 7e, lapilli tuff; 7f, tuff breccia; 7g, thin limestone beds

CHUCHUWAYHA FORMATION

6 — 6a, argillite ± thin limestone beds; 6b, siltstone ± thin limestone beds; 6c, limestone; 6d, siliceous and tuffaceous argillite

STEMWINDER FORMATION

5 — 5a, argillite ± thin limestone beds; 5b, siltstone ± thin limestone beds; 5c, limestone; 5d, andesitic ash tuff

HEDLEY FORMATION

4 — 4a, siltstone; 4b, argillite; 4c, limestone and/or marble; 4d, andesitic ash tuff ± tuffaceous siltstone; 4e, polymictic pebble conglomerate

FRENCH MINE FORMATION

3 — 3a, limestone and/or marble; 3b, limestone conglomerate and breccia; minor chert pebble conglomerate, argillite and mafic tuff

OREGON CLAIMS FORMATION

2 — 2a, basaltic ash tuff and minor basaltic flows, 2b, basaltic tuff with chert and quartz fragments; 2c, bedded mafic ash and dust tuff; 2d, basaltic tuff with large marble blocks; 2e, chert pebble conglomerate, 2f, limestone and/or marble

⇑ **N**

SYMBOLS

- Geological boundaries (defined, assumed)
- Bedding, Tops known (inclined, overturned)
- Bedding, Tops unknown (inclined, vertical)
- Trace of syncline
- Plunge of minor fold axis
- Faults, ticks indicate downthrown side
- Microfossil locality with sample number (see appendix 2 for details) (F12)
- Limestone sampled for microfossils without success
- Uranium–lead (zircon) isotopic age locality with age (see appendices 14 to 16 for details) 215 Ma
- Massive, nonbedded or unfoliated outcrop
- Mineralized outcrop (arsenopyrite, chalcopyrite, magnetite, malachite, pyrite, pyrrhotite, scheelite) (As, Cp, Mt, Mo, Py, Po, Sc)
- Location of mineral property with number listed (8)

GRANT F. CROOKER

DON PROJECT (NTS 92H-8E OSOYOOS M.D., BC

GEOLOGY MAP

DATE: August 2008 | FIGURE: 3.0

SCALE: 0 1 KILOMETRES

TABLE 4.0
HEDLEY GOLD BASIN GEOLOGICAL HISTORY
(After Ray et al)

5.0 BASIN DEVELOPMENT EVENTS

5.0 Paleozoic structural preparation of the region for the deposition Nicola Group rocks into the Hedley Gold Basin. The Nicola Group deposition was controlled by a westerly dipping paleoslope influenced by northerly trending normal faults. These faults controlled the development of the Hedley Gold Basin, influenced the emplacement of the Hedley intrusions and dictated the development of gold mineralisation. These faults are the Chuchuwayha, Bradshaw, Cahill Creek and Winters Creek.

1.2 Early Triassic deposition of the Nicola Group with the basal Oregon Claims Formation containing mafic extrusive volcanic rocks.

1.3 Late Triassic sedimentary deposition of the French Mine, Hedley, Stemwinder and Chuchuwayha formations (sedimentary rocks with calcareous units).

1.4 Sudden collapse of the eastern margin of the basin resulting in the deposition of the Copperfield limestone breccia and the widespread deposition of the arc-related volcaniclastic Whistle Formation (volcanic rocks with calcareous tuff).

2.0 GOLD MINERALISING EVENTS

2.1 During or shortly following deposition of the Nicola Group rocks, two phases of deformation (F1 & F2) occur.

2.2 Phase F1 deformation resulted in small-scale structures and the emplacement of the Hedley intrusions and the gold mineralisation.

2.3 Phase F2 resulted in large-scale structures that produced major north-northeasterly striking, easterly overturned asymmetrical folds (Hedley anticline and Good Hope syncline). These are the overprinting structures in the Hedley Gold Basin as a result of the Late Triassic Bromley batholiths.

3.0 POST GOLD MINERALISING EVENTS

3.1 Emplacement of the Mid Jurassic Cahill Creek pluton.

3.2 Deposition of the Mid Jurassic Skwel Peken Formation

3.3 Early Cretaceous phase of regional thrust faulting.

3.4 Eocene or more recent re-activation of the Chuchuwayha, Bradshaw, Cahill Creek and Winters Creek faults.

The Stemwinder Formation is the distal facies that is at least 700 metres thick and characterized by a sequence of black, organic-rich, thinly bedded calcareous argillite and turbiditic siltstone, minor amounts of siliceous fine-grained tuff and impure limestone beds. The Stemwinder Formation is host to the Maple Leaf and Pine Knot gold veins of the Banbury mine.

The Chuchuwayha Formation forms a steeply dipping, wedge shaped unit between the Stemwinder and Hedley formations. To the west and east it is bounded respectively by the Chuchuwayha and Bradshaw faults, while to the north it is intruded by the Lookout Ridge pluton. The formation is at least 1500 metres thick and consists of predominately thinly bedded calcareous siltstone that resembles the siltstone of the Hedley Formation. However unlike the Hedley Formation, it does not contain thick or extensive beds of limestone, with the

limestone beds seldom exceeding five metres in thickness. The formation also contains minor argillite and some large units of the banded sediments show strong pervasive hornfels alteration with pyrrhotite (2-6%), pyrite (tr-2%) and traces of chalcopyrite and the hornblende feldspar porphyry dykes shows moderate hornfels alteration with pyrrhotite (3-4%), pyrite (<1%) and rare chalcopyrite. The greywacke and dirty sandstone show strong mauve biotite alteration with pyrrhotite (<1-3%) and pyrite (<1%). Rare to weak fractures and 1-8 mm quartz and pyroxene veinlets with pyrite, pyrrhotite and traces of chalcopyrite cut the banded sediments. Rare fractures with carbonate, chlorite and pyrite cut the other fractures. One to 2 centimetre wide pyrite bearing quartz veinlets occur rarely throughout the tuffaceous argillite. The Chuchuwayha Formation hosts the Peggy gold skarn occurrence.

The sedimentary rocks of the French Mine, Hedley, Stemwinder and Chuchuwayha formations pass stratigraphically upward into the arc-related volcaniclastic sequence of the Whistle Formation. The formation is 700 to 1200 metres thick and is distinguishable from the underlying rocks by a general lack of limestone and a predominance of andesitic volcaniclastic material, with turbiditic siltstone, argillite and tuff. The lower portions of the formation contain calcareous units. The Whistle Formation is host to the Canty gold skarn deposit and numerous vein gold occurrences (Hed, Snowstorm, and Gold Hill).

The Copperfield breccia unit that is characterized by the presence of large limestone clasts marks the base of the Whistle Formation. The Copperfield breccia is a distinctive and widespread stratigraphic marker horizon in the Hedley Gold Basin and was originally interpreted to be a tectonic feature formed during low-angle thrust faulting (Billingsley and Hume, 1941). A more recent interpretation by Ray et al (1994) indicates that the Copperfield breccia is a stratigraphic feature that formed as a gravity-slide deposit. The Copperfield breccia resulted from the seismically triggered collapse of an unstable, shallow marine carbonate platform that originally lay along the Nicola basin margin east of the Hedley Gold Basin. The Ray et al interpretation explains why the Copperfield breccia is so extensive in the Hedley Gold Basin. As a stratigraphic marker horizon, the Copperfield breccia is an important unit that indicates where the favourable host rocks for Hedley gold skarn deposits may be located in the Nicola Group formations of the Hedley Gold Basin. There are over 20 kilometres of Copperfield breccia presently indicated in the Hedley Gold Basin.

Calcalkaline waterlain tuffs, and derived epiclastic rocks of the Mid Jurassic Skwel Peken Formation overlie the Nicola Group rocks in the Hedley Gold Basin. The Skwel Peken Formation is exposed as two erosional outliers in the basin. The largest outlier is centred on the Skwel Kwel Peken Ridge (Hedley Gold Basin South) and the smaller outlier lies north east of the Nickel Plate mine (Hedley Gold Basin North).

Several episodes of plutonism have occurred in the Hedley Gold Basin with three suites of plutonic rocks recognized. The Hedley intrusions are the oldest (Late Triassic to Early Jurassic in age), and are associated with gold mineralization and occur over a broad stratigraphic section of the Nicola Group rocks. The Hedley intrusions form major stocks up to 1.5 kilometres in diameter and swarms of thin sills and dykes up to 200 metres in thickness and over one kilometre in length. The sills and dykes are coarse-grained and massive diorites and quartz diorites with minor gabbro, while the stocks are gabbro through granodiorite to quartz monzonite. When unaltered, they are dark coloured and commonly contain minor disseminations of pyrite and pyrrhotite. When altered to skarn, they are usually pale coloured and bleached. Both unaltered and altered Hedley intrusive rocks form gossans (rusty zones) and the intensity of weathering is exemplified by the abundance of iron sulphides.

In the Hedley Gold Basin, the Nicola Group has been extensively intruded over a broad stratigraphic range by the Hedley intrusions. Varying degrees of sulphide bearing skarn alteration have developed within and adjacent to many of these intrusions and their receptive Nicola Group rocks. The Hedley intrusions are associated with the gold skarn deposits at Nickel Plate (Nickel Plate, Sunnyside and Bulldog deposits), Canty, French and Good Hope mines and the gold veins at the Banbury mine.

The second plutonic suite is the Mid Jurassic Similkameen intrusions. They are comprised of coarse-grained, biotite hornblende granodiorite to quartz monzodiorite. These intrusions form the Bromley batholiths and Cahill Creek pluton and have no known relationship to gold mineralisation in the Hedley Gold Basin.

The third intrusive suite is the Early Cretaceous Verde Creek stock. The Verde Creek stock is generally comprised of a fine to medium grained, massive leucocratic microgranite and fine-grained, leucocratic, felsic quartz porphyry. The relationship of gold mineralisation to these rocks is not known in the Hedley Gold Basin.

The Hedley Gold Basin has undergone three phases of structural activity. The first phase was the structural

preparation of the region for the development of the Nicola basin and the deposition of the Nicola Group rocks into a micro-basin referred to as the Hedley Gold Basin. The Nicola Group deposition was controlled by a westerly dipping paleoslope, influenced by northerly trending normal faults. These faults controlled the development of the Hedley Gold Basin, influenced the emplacement of the Hedley intrusions and dictated the development of gold mineralisation. Recurrent movements along these faults have identified them as the Chuchuwayha, Bradshaw, Cahill Creek and Winters Creek faults.

The Hedley intrusions were emplaced into the Nicola Group during deposition or shortly thereafter. The first phase of folding (F1) in the Nicola Group produced small-scale structures that contributed to the control of the gold skarn and vein gold mineralisation. The second phase of folding (F2) occurred during the Early Jurassic with the intrusion of the Bromley batholiths. This phase resulted in large-scale structures, which overprinted the structural pattern on the Nicola Group rocks and the Hedley Gold Basin. The F2 event produced major and minor north-northeasterly striking, easterly overturned asymmetrical folds (Hedley anticline and Good Hope syncline).

4.2 REGIONAL GOLD MINERALISATION

The gold deposits and occurrences in the Hedley Gold Basin are spatially associated with dioritic bodies of the Hedley intrusions and the gold mineralisation is broadly classified as skarn-related or vein-related. The Nicola Group is the most receptive host for gold mineralisation. Within the Nicola Group, the host rocks for skarn-related gold are stratigraphically situated within the calcareous siltstones, gritty impure limestones and calcareous tuffs that occur below and above the Copperfield breccia. For vein-related gold, the structural preparation of the Nicola Group rocks provides the ideal gold emplacement environment anywhere in the stratigraphic sequence.

The Hedley Gold Basin contains numerous gold occurrences. At present, there are 55 occurrences documented from MINFILE and other sources. The gold occurrences in the Hedley Gold Basin constitute a concentration of gold within a relatively confined depositional and structural basin at a particular episode in geological time.

4.2.1 SKARN-RELATED GOLD MINERALISATION

The skarn-related gold mineralisation is characterized by the gold being intimately associated with variable quantities of sulphide bearing garnet-pyroxene-carbonate skarn alteration. The gold tends to be associated with sulphides, particularly arsenopyrite, pyrrhotite and chalcopyrite, and in lesser amounts with pyrite, gersdorffite (NiAsS), sphalerite, magnetite and cobalt minerals. Trace minerals include galena, native bismuth, electrum, tetrahedrite and molybdenite. The pathfinder elements are Ag, As, Bi, Co, Cr, Ni, Cu, Mo, Pb, Sb and Zn. This type of mineralisation is found at the Nickel Plate, French, Good Hope, Peggy and Canty deposits. The skarn alteration occurs associated with strata-bound, layered massive sulphides and with disseminated sulphides within host environments.

Based on the analyses of over 300 samples from various ore zones of the Nickel Plate deposits (Nickel Plate, Sunnyside, Bulldog), Ray et al (1987) have established a geochemical model for skarn-related gold mineralisation by providing an inter-relationship of the various pathfinder elements based on their correlation coefficients (Pearson):

The strong positive correlation between gold and bismuth reflects the close association of native gold with hedleyite. The moderate positive correlation between gold, cobalt and arsenic confirms observed association of gold, arsenopyrite and gersdorffite. The strong positive correlation between silver and copper may indicate that some silver occurs as a lattice constituent in the chalcopyrite and/or in association with tetrahedrite (Cu-Sb sulphide often contains Zn, Pd, Hg, Co, Ni and Ag replacing Cu). The gold and silver values are relatively independent of each other despite the presence of electrum, and there is generally a low correlation between gold and copper (Ray et al, 1987).

The skarn-related mineralisation is generally strata-bound or disseminated. It follows the thinly-bedded, impure limestone and limey argillite/siltstone within the upper sections of the French Mine, Hedley, Stemwinder and Chuchuwayha formations and the calcareous tuff in the lower sections of Whistle Formation. Swarms of diorite sills and dykes of the Hedley intrusions intruded the favourable hosts and altered them by contact metamorphism to hornfels. Both the intrusions and sediments were subsequently overprinted with the calc-silicate skarn alteration.

4.2.2 VEIN-RELATED GOLD MINERALISATION

The vein-related gold mineralisation is characterized by gold and sulphide mineralisation hosted in higher level, fracture-filled quartz-carbonate veins and shears, and stockwork systems. This type of mineralisation occurs at the Maple Leaf, Pine Knot and Gold Hill occurrences. The information on these occurrences is taken from BC Ministry of Energy, Mines and Petroleum Resources Bulletin 87.

The geology at the Maple Leaf and Pine Knot occurrences consists of northerly striking, steeply dipping sedimentary and tuffaceous rocks that are intruded by two elongate, easterly trending diorite stocks belonging to the Hedley intrusions. They extend over a strike length of 1.3 kilometres and exceed 300 metres in width. The stocks intrude the Upper Triassic succession, crosscutting calcareous siltstone, argillite, and thin limestone of the Stemwinder Formation in the east, a 200 metre thick section of the Copperfield breccia in the centre, and andesitic tuff of the Whistle Formation in the west. Both stocks comprise two rock types, a leucocratic quartz diorite suite and a highly mafic diorite-gabbro suite. The stocks have irregular intrusive contacts that interfinger with the bedded country rocks, and are surrounded by hornfels alteration. The stocks and the hornfels alteration are both cut by several irregular, northerly trending fracture zones that are filled by steep and shallow-dipping quartz±carbonate vein systems (Maple Leaf and Pine Knot veins). Individual veins are up to 3 metres wide, exceed 100 metres in length and contain mainly glassy to white to pale pink-coloured, strained quartz with lesser amounts of coarse calcite, sporadic visible gold, arsenopyrite, pyrrhotite, pyrite, sphalerite, and chalcopyrite. Locally they are sheared, vuggy and contain angular brecciated clasts of chloritised, silicified country rock. The leucocratic diorite locally contains pockets of intense skarn alteration. The quartz veins crosscut and postdate the skarn alteration.

A carbonate+quartz vein that cuts andesitic ash and lapilli tuff, and some tuffaceous sediments in the lowest stratigraphic portion of the Whistle Formation hosts the Gold Hill mineralisation. Dykes and sills of fine and coarse-grained hornblende porphyritic diorite of the Hedley intrusive suite that locally carry disseminated pyrite and arsenopyrite intrude the tuffaceous rocks. Some tuff beds adjacent to one porphyritic diorite body are hornfels altered and sporadically overprinted with early calcite-diopside-pyrite-chalcopyrite skarn alteration.

On surface, the Gold Hill vein is comprised of coarse, crystalline, white to pale buff carbonate together with minor quartz and some disseminated pyrite. At depth, the vein contains abundant vuggy quartz vein material similar in appearance to the Maple Leaf and Pine Knot veins. This quartz-rich material contains massive blebs of coarse pyrite with traces of arsenopyrite, chalcopyrite, black sphalerite and galena. The sequence of events at Gold Hill are interpreted as follows: intrusion of the diorite body and biotite hornfels alteration of the country rock, weak skarn alteration with some sulphides, fault brecciation, minor ankerite injection, and injection of the carbonate±quartz±sulphide vein with hydrostatic brecciation.

4.3 CLAIM GEOLOGY

The Don Group covers a northerly trending band of Hedley Formation sedimentary rocks that stretches the entire length of the property (Figure 3.0). The southern portion of this band of Hedley Formation sediments (Don and Speculator and Lost Horse 86 showings) have been intruded by sills and dykes of Hedley intrusions, including the Larcan stock. This area shows variable skarn alteration and anomalous gold values.

The Cahill Creek pluton intrudes the western portion of the Don Group and has thermally overprinted both the sedimentary and intrusive rocks.

5.0 GEOCHEMISTRY

5.1 SOIL GEOCHEMISTRY

One hundred soil samples were collected from two grid lines ran over Hedley Formation sedimentary rocks. The soil sampling was conducted to determine if there was a gold or pathfinder element response over the Hedley Formation in this area. The soil gold geochemical values for gold are illustrated on Figure 4.0.

GOLD

Gold values ranged from <5 to 20 ppb with background established at 5 ppb and anomalous values 10 ppb and greater. Three samples (1000N + 10200E, 10000E + 10120N and 10000E + 10540N) gave weakly anomalous gold values of 10 ppb and one sample (10000N + 10100E) gave a weakly anomalous gold value of 20 ppb. The anomalous gold values do not occur within a cluster.

ARSENIC

Arsenic values ranged from 1.5 to 18.3 ppb with background established at 5.73 ppm and values 11.5 ppm and greater anomalous. Four scattered samples were considered weakly anomalous.

BISMUTH

Bismuth values ranged from 0.08 to 0.22 ppm with background established at 0.123 ppm and values 0.24 ppm and greater anomalous. None of the values were considered anomalous.

TELLURIUM

Tellurium values ranged from <0.02 to 0.04 ppm with background established at <0.02 ppm and values 0.04 ppm and greater anomalous. Three scattered samples were considered weakly anomalous.

MOLYBDENUM

Molybdenum values ranged from 0.43 to 3.51 ppm with background established at 1.03 ppm and values 2.07 ppm and greater considered anomalous. Four samples were considered weakly anomalous.

6.0 CONCLUSIONS

The following conclusions can be drawn from the 2008 work program:

6.1 Four of the soil samples gave weakly anomalous gold values. The anomalous values are scattered and do not form a significant gold soil geochemical anomaly.

6.2 A number of the soil samples gave weakly anomalous pathfinder element (arsenic, bismuth, tellurium and molybdenum) values. The anomalous values are scattered and do not form significant soil geochemical anomalies.

6.3 The soil geochemical survey over the Hedley Formation sedimentary rocks did not yield significant gold or pathfinder element soil geochemical responses.

7.0 RECOMMENDATIONS

Recommendations are as follows:

-Future work programs should concentrate in the area of the Don and Speculator, and Lost Horse 86 showings where significant gold values and skarn and hornfels alteration have been documented.

Respectfully submitted,

PROVINCE OF BRITISH COLUMBIA G. E. CROOKER GEOLOGIST PROFESSIONAL

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April 25/2009

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9.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of 2522 Upper Bench Road, PO Box 404, Keremeos, British Columbia, Canada, V0X 1N0 do certify that:

I am a Consulting Geologist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Registration No. 18961);

I am a Member of the Canadian Institute of Mining and Metallurgy and Petroleum;

I am a graduate (1972) of the University of British Columbia with a Bachelor of Science degree (B.Sc.) from the Faculty of Science having completed the Major program in geology;

I have practised my profession as a geologist for over 35 years, and since 1980, I have been practising as a consulting geologist and, in this capacity, have examined and reported on numerous mineral properties in North and South America;

I have based this report on field examinations within the area of interest and on a review of the available technical and geological data;

I am the owner of the claims described in this report;

Respectfully submitted,

PROVINCE OF BRITISH COLUMBIA G. F. CROOKER PROFESSIONAL ENGINEER

Grant F. Crooker, P.Geo.,
GFC Consultants Inc.
August 2008
Aug 25/2008

APPENDIX I

CERTIFICATES OF ANALYSIS

4-Jul-08

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V2C 6T4

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ICP MS CERTIFICATE OF ANALYSIS AK 2008-0665

Goldcliff Resources Corp.
6976 Laburnum Street
Vancouver, B.C.
V6P 5M9

ATTENTION: Len Saleken

No. of samples received: 101
Sample Type: Soil
Project: Larcan
Shipment #: 2008-L-1-S
Submitted by: Grant Crooker

Values in ppm unless otherwise reported

Et #.	Tag #	Au (Fire Assay) ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zr pp
1	10000N +9700E	<5	0.1	0.65	1.6	197.5	0.08	0.50	1.85	3.1	4.5	9.1	0.76	2.3	20	0.15	1.5	0.11	1534	1.48	0.045	3.4	916	6.75	0.02	0.08	0.3	0.4	35.5	<0.02	<0.1	0.022	0.08	<0.1	14	<0.1	14
2	10000N +9710E	<5	0.3	1.49	3.0	238.0	0.12	1.01	2.84	5.7	10.5	27.3	1.52	4.3	30	0.18	6.0	0.25	946	0.67	0.061	10.0	1238	6.55	0.06	0.30	1.8	0.9	66.5	<0.02	0.3	0.053	0.10	0.4	30	<0.1	24
3	10000N +9720E	5	0.2	2.65	9.8	204.0	0.18	1.37	1.25	11.4	18.5	33.0	2.58	7.2	40	0.15	11.5	0.35	1001	0.92	0.059	17.5	1626	9.94	0.12	0.72	2.6	1.3	81.0	<0.02	0.7	0.063	0.14	1.1	52	<0.1	13
4	10000N +9730E	<5	0.2	2.46	7.4	187.0	0.16	1.08	1.54	9.6	16.0	29.3	2.33	7.1	25	0.16	9.5	0.33	1019	1.03	0.060	14.0	1305	10.58	0.10	0.52	2.6	0.8	56.0	<0.02	0.5	0.070	0.12	0.8	52	<0.1	15
5	10000N +9740E	<5	0.5	2.17	9.9	205.0	0.22	1.69	2.32	12.8	10.5	46.5	2.80	5.9	30	0.10	15.0	0.25	755	0.81	0.074	26.5	1517	12.36	0.14	0.92	1.3	2.2	86.5	0.02	0.5	0.047	0.12	1.5	34	<0.1	14
6	10000N +9750E	<5	0.4	1.88	9.4	163.5	0.18	1.48	2.41	10.5	14.0	36.5	2.37	5.6	35	0.09	10.0	0.30	909	0.88	0.070	16.8	1312	11.61	0.10	0.62	2.0	1.4	65.0	<0.02	0.5	0.054	0.12	1.2	48	<0.1	14
7	10000N +9760E	<5	0.2	2.56	12.7	219.0	0.20	1.39	1.76	17.1	20.0	34.2	3.11	7.4	35	0.16	10.0	0.53	1312	1.04	0.071	16.7	1222	17.82	0.08	0.88	3.6	0.9	79.5	<0.02	0.6	0.084	0.18	1.0	72	<0.1	17
8	10000N +9770E	<5	0.2	1.36	2.6	155.0	0.10	0.42	0.81	4.4	8.5	13.6	1.32	4.5	25	0.12	3.5	0.22	950	0.95	0.046	6.5	705	6.21	0.04	0.18	1.0	0.3	32.0	<0.02	0.1	0.052	0.08	0.2	30	<0.1	4
9	10000N +9780E	<5	0.2	1.16	1.3	159.0	0.10	0.56	1.22	4.0	7.5	20.5	1.17	3.5	25	0.20	4.0	0.18	1047	1.35	0.052	6.7	1136	6.55	0.04	0.08	1.0	0.4	38.5	<0.02	0.2	0.045	0.06	0.2	22	<0.1	9
10	10000N +9790E	<5	0.5	2.32	9.7	240.0	0.14	1.36	1.36	8.7	16.0	35.6	2.26	6.4	20	0.16	9.0	0.41	728	0.76	0.081	14.7	1258	12.20	0.08	0.66	2.3	1.0	90.5	<0.02	0.3	0.059	0.12	0.7	52	<0.1	9
11	10000N +9800E	<5	0.3	1.69	3.7	197.0	0.10	0.87	1.63	5.0	10.5	31.3	1.53	5.1	25	0.14	6.0	0.25	675	0.63	0.052	9.8	1370	7.13	0.08	0.26	0.7	0.7	67.0	<0.02	<0.1	0.030	0.06	0.4	32	<0.1	8
12	10000N +9810E	<5	0.2	2.43	8.8	229.5	0.12	1.02	0.99	7.0	14.0	28.2	1.95	6.7	30	0.25	8.5	0.33	659	0.98	0.054	10.9	1390	8.56	0.12	0.44	1.3	1.0	81.0	<0.02	0.3	0.049	0.10	0.6	46	<0.1	6
13	10000N +9820E	<5	0.2	2.27	4.5	156.0	0.12	0.31	1.08	6.3	11.5	22.0	1.83	6.6	25	0.09	7.0	0.28	479	1.06	0.057	9.2	911	7.15	0.06	0.30	1.8	0.6	31.0	<0.02	0.2	0.068	0.10	0.5	44	<0.1	10
14	10000N +9830E	<5	0.1	2.32	7.0	145.5	0.14	0.47	0.91	6.4	13.0	18.2	1.95	6.8	25	0.09	5.5	0.31	481	1.06	0.044	9.3	1417	7.51	0.04	0.28	2.7	0.5	37.5	<0.02	0.9	0.092	0.10	0.5	48	<0.1	16
15	10000N +9840E	<5	0.1	2.74	6.4	172.5	0.14	0.54	0.69	10.4	20.0	21.7	2.86	8.1	25	0.11	6.0	0.51	767	1.07	0.054	19.1	1139	12.46	0.04	0.52	3.8	0.6	39.5	<0.02	1.4	0.133	0.12	0.6	74	<0.1	17
16	10000N +9850E	<5	0.1	2.90	6.7	225.5	0.14	0.40	1.26	10.4	15.0	22.8	2.60	7.9	35	0.12	6.0	0.39	1491	0.99	0.054	16.1	1479	11.37	0.04	0.44	3.3	0.6	35.5	<0.02	1.6	0.120	0.12	0.5	56	<0.1	27
17	10000N +9860E	<5	0.2	2.34	7.5	171.5	0.14	0.49	2.02	7.6	12.0	23.9	2.15	7.0	25	0.14	5.5	0.29	948	0.78	0.048	13.6	2197	9.67	0.04	0.26	2.3	0.4	40.0	<0.02	1.1	0.095	0.10	0.4	46	<0.1	26
18	10000N +9870E	<5	0.1	1.94	6.0	207.0	0.14	0.50	2.04	8.2	10.5	16.2	2.01	5.9	25	0.10	4.5	0.32	1056	0.79	0.050	10.4	1145	10.50	0.04	0.42	2.7	0.3	40.0	<0.02	1.0	0.090	0.10	0.4	42	<0.1	24
19	10000N +9880E	<5	0.2	1.25	3.2	204.5	0.12	0.55	3.27	5.2	7.5	15.8	1.51	3.9	20	0.07	4.0	0.19	967	0.58	0.051	9.8	1307	7.80	0.02	0.16	1.6	0.4	37.0	<0.02	0.8	0.066	0.06	0.2	28	<0.1	35
20	10000N +9890E	<5	0.4	2.20	5.9	179.0	0.14	0.76	3.14	7.5	14.5	24.3	2.09	6.1	25	0.07	6.0	0.38	856	1.28	0.051	20.9	1218	7.37	0.04	0.28	3.3	0.6	49.5	<0.02	1.2	0.090	0.08	0.4	46	<0.1	39
21	10000N +9900E	<5	0.2	1.74	4.4	350.0	0.12	0.89	6.82	5.9	11.0	23.1	1.66	4.9	35	0.12	5.5	0.25	1480	1.88	0.051	15.1	2317	7.53	0.04	0.24	2.7	0.8	62.0	<0.02	1.0	0.070	0.06	0.4	34	<0.1	36
22	10000N +9910E	<5	0.2	1.14	4.7	185.5	0.10	0.56	3.30	4.0	7.5	16.0	1.15	3.4	55	0.08	3.5	0.16	1100	1.83	0.042	9.7	1388	7.35	0.04	0.16	1.2	0.5	35.5	<0.02	0.4	0.050	0.06	0.3	24	<0.1	21
23	10000N +9920E	5	0.4	2.53	5.1	132.0	0.18	0.82	2.69	8.1	11.5	27.1	2.27	6.7	35	0.09	9.5	0.30	626	1.13	0.058	23.3	1406	10.27	0.04	0.46	2.5	1.1	57.5	0.02	1.8	0.086	0.08	0.8	36	<0.1	25
24	10000N +9930E	<5	0.2	1.88	4.6	208.5	0.18	0.70	4.91	7.0	11.5	15.3	2.06	5.4	20	0.09	5.0	0.21	995	1.25	0.053	18.8	1518	11.13	0.02	0.38	1.7	0.4	47.0	<0.02	1.4	0.073	0.06	0.4	34	<0.1	40
25	10000N +9940E	<5	0.2	1.17	3.5	166.0	0.10	0.77	2.54	3.6	6.0	15.1	1.05	3.5	25	0.09	3.0	0.14	1234	1.03	0.047	9.7	971	5.61	0.04	0.18	1.0	0.5	52.5	<0.02	0.5	0.048	0.06	0.2	20	<0.1	17

ECO TECH LABORATORY LTD. **ICP MS CERTIFICATE OF ANALYSIS AK 2008-0665** **Goldcliff Resources Corp.**

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zr pp
26	10000N +9950E	<5	0.2	1.12	3.8	134.0	0.10	0.55	2.90	4.4	6.0	7.6	1.19	3.5	20	0.06	3.5	0.11	686	0.95	0.053	10.6	2234	5.52	0.02	0.16	1.0	0.4	40.0	<0.02	0.6	0.053	0.04	0.2	22	<0.1	29
27	10000N +9960E	<5	0.3	2.12	4.5	121.0	0.14	0.87	2.47	7.0	22.0	24.1	2.26	6.1	20	0.13	8.0	0.36	522	0.91	0.065	20.3	470	8.42	0.04	0.50	4.3	0.5	56.0	<0.02	1.6	0.096	0.12	0.5	44	<0.1	45
28	10000N +9970E	<5	0.3	1.97	4.3	206.0	0.10	0.66	1.07	6.0	15.5	13.8	1.76	5.3	15	0.15	4.0	0.35	728	0.88	0.067	13.1	452	6.63	0.02	0.30	3.3	0.4	54.5	<0.02	0.9	0.094	0.12	0.2	44	<0.1	10
29	10000N +9980E	<5	0.2	1.89	3.7	139.5	0.12	0.72	0.64	6.5	20.5	19.9	2.03	5.3	15	0.26	6.5	0.38	428	0.90	0.067	15.0	346	6.76	0.02	0.42	4.4	0.5	58.5	<0.02	1.7	0.097	0.14	0.3	44	<0.1	12
30	10000N +9990E	<5	0.3	1.75	4.7	180.5	0.10	0.81	1.59	5.8	16.0	20.3	1.68	5.0	30	0.17	5.5	0.31	700	1.18	0.067	15.6	995	6.53	0.04	0.36	3.1	0.5	60.5	<0.02	1.0	0.075	0.10	0.3	38	<0.1	17
31	10000N +10000E	<5	0.3	1.66	5.1	182.5	0.10	0.75	1.73	5.9	14.5	17.8	1.59	4.6	35	0.14	5.0	0.30	629	0.98	0.061	15.2	1463	5.97	0.04	0.32	2.8	0.6	55.5	<0.02	0.9	0.072	0.08	0.3	36	<0.1	19
32	10000N +10010E	20	0.3	2.09	6.3	152.5	0.10	0.97	0.52	7.1	17.0	28.3	1.94	5.8	25	0.19	7.0	0.44	397	0.81	0.080	20.6	665	5.94	0.04	0.48	4.0	0.7	78.0	<0.02	1.3	0.095	0.16	0.4	50	<0.1	10
33	10000N +10020E	<5	0.2	1.72	3.6	160.0	0.10	0.55	0.49	5.3	13.5	12.5	1.52	4.8	15	0.11	4.5	0.27	479	1.00	0.054	11.3	1163	4.69	0.04	0.26	2.9	0.4	49.0	<0.02	0.8	0.072	0.08	0.3	34	<0.1	14
34	10000N +10030E	<5	0.2	2.48	4.7	153.5	0.12	0.60	0.19	5.4	16.5	14.5	1.89	6.5	15	0.20	4.5	0.37	264	0.74	0.066	13.2	383	6.70	0.04	0.40	3.6	0.4	57.5	<0.02	1.2	0.118	0.12	0.3	44	<0.1	6
35	10000N +10040E	<5	0.1	1.63	3.3	179.0	0.10	0.67	0.56	5.7	15.5	17.4	1.78	4.9	20	0.27	5.5	0.34	699	0.75	0.062	11.9	463	11.89	0.04	0.36	3.4	0.5	57.0	<0.02	1.2	0.091	0.10	0.3	42	<0.1	10
36	10000N +10050E	<5	0.2	1.75	4.2	151.5	0.10	0.57	0.37	5.3	13.0	12.0	1.69	5.1	15	0.20	3.5	0.26	562	0.58	0.057	12.6	601	9.28	0.02	0.22	2.5	0.4	44.5	<0.02	0.9	0.082	0.08	0.2	36	<0.1	9
37	10000N +10060E	<5	0.2	1.73	3.3	201.0	0.10	0.78	0.85	6.0	15.5	17.4	1.85	5.0	20	0.27	7.0	0.30	698	0.88	0.063	14.2	1441	10.35	0.04	0.30	3.3	0.6	62.0	<0.02	1.1	0.077	0.08	0.3	38	<0.1	13
38	10000N +10070E	<5	0.3	1.82	5.3	110.5	0.10	0.86	0.77	6.0	14.5	17.0	1.67	4.9	25	0.14	6.5	0.24	432	1.13	0.061	15.3	1038	10.20	0.04	0.30	3.1	0.5	43.0	<0.02	1.1	0.076	0.08	0.7	36	<0.1	16
39	10000N +10080E	<5	0.2	2.19	4.7	164.0	0.12	0.56	0.37	7.0	16.5	16.9	2.00	6.0	20	0.20	5.0	0.34	525	0.76	0.069	15.1	1213	10.67	0.04	0.34	3.7	0.4	53.0	<0.02	1.1	0.091	0.10	0.4	44	<0.1	8
40	10000N +10090E	5	0.1	1.81	5.9	110.5	0.10	0.70	0.28	7.4	19.5	18.4	2.09	5.3	10	0.22	6.5	0.43	371	0.79	0.074	15.0	403	10.00	0.04	0.50	4.6	0.5	69.0	<0.02	1.3	0.108	0.12	0.4	56	<0.1	6
41	10000N +10100E	5	0.1	1.52	2.9	111.0	0.10	0.51	0.19	4.0	12.0	8.7	1.43	4.4	15	0.10	2.5	0.25	290	0.60	0.051	8.2	238	8.93	0.04	0.20	2.3	0.3	43.5	<0.02	0.6	0.084	0.08	0.2	34	<0.1	5
42	10000N +10120E	<5	0.1	1.17	2.3	123.5	0.08	0.20	0.21	3.8	8.0	6.2	1.33	4.4	15	0.07	2.5	0.14	365	0.47	0.044	8.2	1094	9.39	0.02	0.08	1.4	0.2	21.5	<0.02	0.6	0.070	0.04	0.1	32	<0.1	6
43	10000N +10140E	<5	0.1	0.57	1.5	64.0	0.08	0.28	0.20	2.5	6.0	3.9	0.88	3.0	10	0.06	1.5	0.09	348	0.56	0.039	3.9	407	9.86	0.02	0.06	0.8	0.2	17.5	<0.02	0.4	0.055	0.02	0.1	24	<0.1	3
44	10000N +10160E	<5	0.2	1.72	4.3	131.0	0.10	0.40	0.20	4.5	10.5	9.1	1.39	5.0	10	0.09	3.0	0.20	378	0.51	0.047	12.1	1744	12.75	0.02	0.12	2.0	0.3	32.0	<0.02	1.1	0.075	0.04	0.2	28	<0.1	8
45	10000N +10170E	<5	0.2	1.12	3.0	144.0	0.10	0.44	0.14	3.8	8.0	6.1	1.29	4.2	20	0.05	2.0	0.16	391	0.54	0.051	6.2	1420	8.19	0.04	0.10	1.6	0.3	33.5	<0.02	0.6	0.062	0.04	0.1	30	<0.1	7
46	10000N +10180E	<5	0.1	1.66	4.2	139.0	0.10	0.41	0.23	4.9	11.5	9.9	1.45	5.0	10	0.08	2.5	0.22	511	0.70	0.050	12.9	1284	9.26	0.02	0.16	2.0	0.2	36.5	<0.02	0.8	0.072	0.06	0.2	32	<0.1	9
47	10000N +10190E	<5	0.2	1.77	3.8	111.0	0.10	0.48	0.17	5.5	13.5	9.6	1.63	5.3	10	0.13	3.5	0.26	360	0.68	0.055	13.2	1083	9.03	0.04	0.20	2.8	0.3	48.5	<0.02	1.1	0.078	0.06	0.3	38	<0.1	8
48	10000N +10200E	10	0.2	1.53	4.0	114.0	0.10	0.30	0.19	4.9	10.5	7.4	1.33	4.7	15	0.08	3.5	0.19	371	0.49	0.052	13.0	1628	7.17	0.04	0.12	2.0	0.3	35.0	<0.02	1.0	0.070	0.06	0.3	36	<0.1	7
49	10000N +10210E	5	0.7	3.24	18.3	203.0	0.12	0.98	0.14	10.6	34.0	65.0	3.31	8.4	30	0.32	14.0	0.81	399	1.40	0.093	24.4	343	9.70	0.04	1.10	10.2	1.8	96.5	0.04	2.1	0.144	0.22	1.0	110	<0.1	5
50	10000N +10220E	5	0.3	2.05	5.3	81.0	0.10	0.36	0.10	5.6	12.5	12.1	1.64	5.7	10	0.16	3.0	0.24	229	0.60	0.058	13.8	791	10.75	0.02	0.16	2.4	0.3	35.0	<0.02	1.1	0.091	0.06	0.3	40	<0.1	5
51	10000N +10230E	<5	0.2	1.57	5.0	126.0	0.10	0.52	0.29	5.7	12.5	12.9	1.51	4.5	20	0.10	4.0	0.25	540	0.51	0.054	14.8	1200	10.07	0.02	0.18	2.4	0.3	47.5	<0.02	0.9	0.075	0.06	0.3	38	<0.1	7
52	10000N +10240E	<5	0.3	1.72	6.4	125.0	0.10	0.63	0.25	5.8	17.0	20.9	1.77	5.1	25	0.15	5.5	0.35	346	0.66	0.069	14.4	746	10.27	0.04	0.38	3.5	0.5	67.0	<0.02	1.0	0.087	0.10	0.5	48	<0.1	6
53	10000N +10250E	<5	0.3	1.66	10.5	184.5	0.10	3.24	0.46	7.3	18.0	30.5	2.01	5.2	25	0.17	5.5	0.49	707	1.00	0.102	15.3	987	12.06	0.04	0.84	3.9	0.6	154.0	<0.02	1.3	0.089	0.12	0.5	58	<0.1	7
54	10000N +10260E	<5	0.4	1.12	4.5	152.5	0.10	0.74	0.43	3.7	9.5	9.1	1.29	3.8	20	0.08	2.5	0.18	386	0.45	0.052	8.9	1616	9.82	0.04	0.22	1.8	0.2	55.5	<0.02	0.7	0.065	0.06	0.2	32	<0.1	8
55	10000N +10270E	5	0.2	1.34	6.7	135.5	0.10	0.40	0.25	4.0	9.5	7.2	1.24	4.5	15	0.07	2.5	0.19	258	0.43	0.050	12.0	1718	8.99	0.04	0.12	1.6	0.2	39.5	<0.02	0.8	0.065	0.04	0.2	28	<0.1	7
56	10000N +10280E	<5	0.2	1.12	7.0	253.5	0.08	0.87	0.54	3.8	10.5	7.7	1.19	3.8	40	0.12	2.5	0.17	1070	0.58	0.052	8.8	2149	8.55	0.04	0.12	1.8	0.2	70.0	<0.02	0.7	0.059	0.04	0.1	26	<0.1	11
57	10000N +10290E	<5	0.3	1.32	6.7	142.5	0.08	0.45	0.20	4.4	10.0	7.9	1.27	4.6	20	0.08	3.0	0.16	426	0.59	0.050	11.0	1898	8.11	0.04	0.10	1.9	0.2	38.5	<0.02	0.8	0.065	0.04	0.2	30	<0.1	6
58	10000N +10300E	<5	0.1	1.69	6.8	111.5	0.08	0.32	0.14	4.6	10.5	9.4	1.34	4.9	10	0.09	3.0	0.23	247	0.39	0.053	12.9	878	8.15	0.02	0.12	2.2	0.2	34.0	<0.02	0.9	0.077	0.06	0.2	32	<0.1	7
59	10000E +9800N	<5	0.2	1.52	6.1	96.0	0.12	0.48	0.47	4.9	8.5	8.4	1.37	4.7	15	0.08	2.5	0.15	548	0.72	0.046	11.4	1214	9.87	0.04	0.14	1.1	0.3	33.0	<0.02	0.4	0.059	0.04	0.2	26	<0.1	16
60	10000E +9820N	<5	0.3	1.17	6.2	145.0	0.10	0.25	0.57	3.3	6.5	5.5	1.17	4.2	20	0.07	2.0	0.10	475	1.03	0.041	4.6	3017	8.28	0.04	0.06	0.7	0.4	17.0	<0.02	0.2	0.048	0.02	0.2	24	<0.1	9
61	10000E +9840N	5	0.2	2.45	10.7	186.0	0.18	0.74	0.77	9.8	21.5	29.8	2.56	6.9	20	0.12	5.0	0.57	961	1.32	0.063	22.8	624	12.59	0.04	0.56	4.0	0.5	60.0	0.02	1.3	0.103	0.10	0.5	62	<0.1	19
62	10000E +9860N	5	0.4	1.79	7.8	141.5	0.14	0.49	0.98	5.4	9.5	12.0	1.52	5.0	25	0.07	4.0	0.23	922	1.46	0.051	14.3	1515	13.15	0.04	0.30	1.6	0.5	48.5	<0.02	0.9	0.067	0.06	0.5	30	<0.1	16
63	10000E +9880N	<5	0.3	2.09	10.0	192.0	0.16	0.62	1.32	6.8	12.0	14.1	1.82	6.3	25	0.06	5.0	0.24	1356	1.94	0.043	12.4	1745	13.11	0.04	0.26	1.9	0.5	44.0	<0.02	0.8	0.073	0.06	0.4	38	<0.1	18
64	10000E +9900N	<5	0.2	2.43	6.7	159.5	0.16	0.54	0.99	5.5	10.0	14.6	1.67	6.7	25	0.05	5.5	0.21	735	1.70	0.053	14.1	992	13.43	0.04	0.28	2.0	0.5	42.5	<0.02	1.4	0.092	0.08	0.6	32	<0.1	12
65	10000E +9920N	<5	0.6	1.84	12.1	126.5	0.22	1.31	2.88	9.2	10.5	28.1	2.36	5.1	35	0.09	12.5	0.21	612	1.50	0.070	35.7	2960	15.62	0.04	0.92	2.0	1.2	100.0	0.04	1.6	0.065	0.08	2.3	36	<0.1	37

ECO TECH LABORATORY LTD. ICP MS CERTIFICATE OF ANALYSIS AK 2008-0665 Goldcliff Resources Corp.

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
66	10000E +9940N	<5	0.3	2.57	13.5	147.0	0.14	0.81	1.66	8.4	26.0	31.7	2.42	6.9	20	0.20	9.0	0.58	366	2.26	0.068	28.3	695	11.15	0.04	0.72	5.2	1.1	64.5	<0.02	1.6	0.108	0.16	1.3	88	<0.1	292.
67	10000E +9960N	<5	0.3	1.78	6.9	148.0	0.16	0.89	2.49	6.0	12.5	16.3	1.78	5.2	10	0.09	7.5	0.26	579	1.70	0.068	24.3	1130	15.49	0.04	0.60	2.4	0.7	61.5	<0.02	1.3	0.068	0.12	1.0	36	<0.1	348.
68	10000E +9980N	<5	0.2	1.74	6.4	131.0	0.12	0.76	1.21	7.9	18.0	24.7	2.32	4.9	15	0.20	6.5	0.41	431	1.68	0.060	24.2	296	10.60	0.04	0.48	3.8	0.6	54.0	<0.02	1.3	0.084	0.18	0.8	52	<0.1	190.
69	10000E +10020N	<5	0.4	1.68	6.4	252.5	0.10	0.83	1.28	5.0	12.5	16.7	1.44	4.6	15	0.26	3.5	0.28	1295	1.01	0.065	11.3	898	9.48	0.04	0.26	2.7	0.4	88.0	<0.02	0.8	0.074	0.08	0.2	32	<0.1	145.
70	10000E +10040N	<5	0.2	1.84	6.5	133.0	0.10	0.56	0.23	5.0	14.0	15.6	1.71	5.0	10	0.26	5.0	0.32	411	0.67	0.066	12.3	444	9.32	0.04	0.26	3.2	0.6	50.0	<0.02	1.1	0.091	0.10	0.2	40	<0.1	80.
71	10000E +10060N	<5	0.3	1.76	5.6	143.5	0.10	0.76	0.39	5.9	15.0	19.3	1.77	5.1	20	0.29	5.0	0.34	479	0.70	0.084	15.4	785	9.46	0.04	0.32	3.5	0.5	65.5	<0.02	1.1	0.089	0.10	0.3	44	<0.1	111.
72	10000E +10080N	<5	0.2	1.29	2.3	121.0	0.08	0.54	0.29	3.5	10.5	7.2	1.25	3.9	20	0.21	3.0	0.23	546	0.73	0.069	7.0	466	7.05	0.04	0.14	1.9	0.2	44.0	<0.02	0.7	0.073	0.06	0.2	30	<0.1	100.
73	10000E +10100N	<5	0.2	1.84	5.0	153.5	0.10	0.60	0.35	5.5	12.5	13.6	1.59	5.3	20	0.18	3.5	0.29	553	0.76	0.057	13.5	1103	9.01	0.02	0.24	2.6	0.3	45.0	<0.02	1.1	0.087	0.08	0.2	34	<0.1	127.
74	10000N +10110E	5	0.1	1.27	2.3	142.0	0.10	0.36	0.24	3.5	9.0	9.1	1.24	4.4	10	0.12	2.5	0.17	488	0.34	0.051	8.0	620	9.08	0.02	0.08	1.5	0.2	35.5	<0.02	0.8	0.071	0.04	0.1	28	<0.1	80.
75	10000N +10130E	5	0.1	1.61	5.4	99.0	0.10	0.48	0.12	5.4	16.0	12.1	1.67	4.5	15	0.18	3.5	0.32	203	0.72	0.066	11.5	415	8.37	0.02	0.32	2.8	0.3	50.0	<0.02	1.0	0.094	0.08	0.3	44	<0.1	55.
76	10000N +10150E	<5	0.2	1.89	5.8	150.5	0.10	0.48	0.25	5.0	12.0	12.1	1.48	5.3	15	0.12	4.5	0.23	499	0.54	0.057	14.6	1556	11.40	0.02	0.16	2.6	0.4	41.5	<0.02	1.3	0.080	0.06	0.4	30	<0.1	92.
77	10000E +10120N	10	0.2	2.04	4.2	138.0	0.10	0.58	0.25	5.2	13.0	14.5	1.62	5.6	10	0.16	3.5	0.30	259	0.61	0.067	17.3	467	7.93	0.04	0.34	2.5	0.4	46.0	<0.02	1.2	0.093	0.08	0.3	34	<0.1	92.
78	10000E +10140N	<5	0.4	2.04	6.2	157.5	0.10	0.92	0.30	6.8	18.0	24.0	2.05	5.9	15	0.22	6.0	0.44	556	1.07	0.079	14.2	394	8.84	0.04	0.68	4.3	0.8	71.0	<0.02	1.3	0.103	0.12	0.3	56	<0.1	80.
79	10000E +10160N	<5	0.1	1.46	2.4	139.0	0.10	0.62	1.27	4.0	11.5	10.5	1.37	4.2	15	0.17	3.0	0.24	1043	1.38	0.062	8.6	450	8.11	0.02	0.22	2.3	0.3	41.0	<0.02	0.7	0.071	0.08	0.2	30	<0.1	201.
80	10000N +10180N	5	0.3	1.27	4.4	147.5	0.12	0.52	1.28	3.3	8.0	11.8	1.11	4.1	20	0.05	2.5	0.12	799	1.46	0.047	10.0	2053	10.29	0.02	0.10	1.4	0.4	33.0	<0.02	0.7	0.056	0.06	0.2	22	<0.1	206.
81	10000E +10200N	<5	0.7	2.15	4.0	209.5	0.14	0.62	1.18	5.5	13.5	24.9	1.80	6.1	10	0.11	4.5	0.45	964	1.07	0.051	20.2	1976	13.15	0.04	0.26	1.9	0.5	36.5	<0.02	0.8	0.069	0.10	0.5	26	<0.1	271.
82	10000E +10220N	<5	0.4	1.39	2.9	155.5	0.10	0.73	1.55	4.5	8.5	19.1	1.34	4.2	15	0.10	5.5	0.18	882	0.55	0.050	15.7	2338	8.65	0.04	0.12	1.6	0.6	41.5	<0.02	0.9	0.059	0.08	0.5	24	<0.1	228.
83	10000E +10240N	<5	0.9	2.65	6.2	165.0	0.18	1.30	0.74	6.6	17.5	41.5	2.24	6.8	25	0.08	11.5	0.72	514	0.68	0.049	31.5	1851	14.66	0.04	0.72	3.0	1.3	51.0	<0.02	1.6	0.084	0.14	0.9	32	<0.1	156.
84	10000E +10260N	<5	0.3	2.26	4.2	154.0	0.16	0.81	1.50	6.8	10.5	26.1	1.87	6.3	25	0.15	8.0	0.20	879	0.98	0.054	21.6	1550	15.20	0.06	0.36	1.2	1.1	80.0	<0.02	0.4	0.061	0.06	0.9	30	<0.1	175.
85	10000E +10280N	10	0.3	2.03	3.2	212.0	0.14	0.61	1.92	4.8	9.0	31.3	1.62	5.9	15	0.08	6.0	0.25	628	0.68	0.058	13.9	2125	14.03	0.04	0.20	1.2	0.8	47.5	<0.02	0.2	0.051	0.06	0.7	28	<0.1	181.
86	10000E +10300N	5	0.6	2.21	9.2	129.0	0.18	1.33	0.56	8.2	22.5	24.3	2.21	5.7	15	0.07	13.0	0.48	410	0.92	0.128	31.3	1109	14.03	0.06	1.20	1.8	1.8	313.0	0.04	0.4	0.033	0.10	1.9	36	<0.1	113.
87	10000E +10320N	5	0.4	2.75	7.9	155.5	0.18	0.74	0.77	8.7	16.0	29.4	2.30	7.7	20	0.14	10.0	0.35	542	0.73	0.052	24.1	1366	13.24	0.08	0.62	1.7	1.6	63.5	0.02	0.4	0.060	0.12	1.1	42	<0.1	121.
88	10000E +10340N	<5	0.6	2.50	4.1	152.5	0.16	0.76	1.16	6.6	14.5	25.8	2.06	7.2	20	0.15	7.0	0.28	775	1.29	0.052	20.0	1099	12.40	0.06	0.22	1.3	1.1	37.0	<0.02	0.6	0.050	0.16	0.7	36	<0.1	173.
89	10000E +10360N	<5	0.3	2.07	3.9	147.0	0.16	0.63	0.79	5.8	14.0	16.6	1.87	6.4	15	0.08	5.5	0.27	877	1.98	0.052	20.7	1338	12.83	0.04	0.24	2.1	0.6	32.5	<0.02	1.2	0.087	0.14	0.7	40	<0.1	128.
90	10000E +10380N	<5	0.2	2.19	5.8	137.0	0.14	0.38	0.65	5.5	13.5	12.3	1.92	6.4	20	0.06	5.5	0.26	877	3.04	0.043	12.3	1322	14.15	0.04	0.22	2.3	0.4	27.5	<0.02	1.3	0.090	0.10	0.5	44	<0.1	148.
91	10000E +10400N	<5	0.3	1.74	4.2	183.5	0.12	0.50	0.94	4.6	10.5	12.1	1.48	5.0	20	0.09	4.0	0.22	1166	3.51	0.052	11.7	527	12.63	0.04	0.16	2.0	0.3	36.5	<0.02	1.0	0.076	0.10	0.4	34	<0.1	119.
92	10000E +10420N	<5	0.2	2.86	6.4	140.0	0.14	0.43	0.38	7.5	18.5	19.6	2.21	8.0	20	0.07	8.0	0.35	623	1.49	0.051	13.6	1164	12.23	0.04	0.36	3.6	0.7	36.5	<0.02	1.7	0.113	0.12	0.8	60	<0.1	99.
93	10000E +10440N	<5	0.2	2.83	9.5	147.5	0.16	0.33	0.44	7.5	18.5	22.5	2.24	7.8	25	0.06	9.0	0.36	823	1.42	0.044	16.6	1669	11.97	0.04	0.38	3.8	0.7	26.5	<0.02	1.8	0.106	0.12	1.1	60	<0.1	121.
94	10000E +10460N	<5	0.2	1.42	3.9	172.5	0.12	0.46	1.25	4.9	10.0	9.3	1.51	4.7	20	0.06	2.5	0.21	1456	1.45	0.048	9.9	803	8.75	0.04	0.14	1.6	0.4	28.5	<0.02	0.5	0.068	0.08	0.2	34	<0.1	143.
95	10000E +10480N	<5	0.2	2.18	7.8	182.5	0.16	0.62	0.64	6.8	10.0	14.3	2.14	6.0	20	0.07	5.5	0.20	845	0.91	0.059	16.5	1816	14.39	0.04	0.22	1.9	0.6	54.5	<0.02	1.3	0.083	0.08	0.7	38	<0.1	153.
96	10000E +10500N	<5	0.3	1.88	4.5	138.0	0.12	0.38	0.30	5.1	10.5	12.6	1.52	5.5	20	0.08	4.0	0.24	599	0.81	0.050	13.2	1184	10.68	0.02	0.14	2.0	0.4	28.5	<0.02	1.3	0.080	0.08	0.3	32	<0.1	127.
97	10000E +10520N	<5	0.3	1.90	3.9	126.5	0.12	0.47	0.49	4.8	11.5	12.1	1.60	5.6	15	0.06	4.5	0.22	463	0.76	0.049	14.4	1143	10.88	0.02	0.14	1.8	0.5	30.5	<0.02	1.3	0.081	0.10	0.5	36	<0.1	113.
98	10000E +10540N	10	0.3	2.19	5.7	145.5	0.14	0.67	1.00	6.5	18.0	15.2	1.96	6.3	15	0.07	4.5	0.29	635	1.50	0.053	24.2	947	11.22	0.02	0.24	2.4	0.5	53.0	0.02	1.3	0.086	0.14	0.7	44	<0.1	189.
99	10000E +10560N	<5	0.2	1.21	2.3	52.5	0.10	0.59	1.91	4.6	10.5	11.4	1.48	3.7	15	0.07	3.0	0.16	176	1.13	0.069	16.9	635	7.50	0.04	0.26	2.0	0.3	32.5	<0.02	1.0	0.064	0.08	0.4	32	<0.1	161.
100	10000E +10580N	5	0.2	1.64	3.9	179.0	0.16	1.33	5.72	11.5	14.0	23.3	2.64	4.6	15	0.14	7.0	0.37	874	2.46	0.057	39.0	2442	10.29	0.10	0.38	3.4	0.6	146.0	<0.02	1.2	0.076	0.24	0.8	52	<0.1	419.
101	10000E +10600N	<5	0.2	1.47	2.9	100.5	0.10	0.90	2.37	5.2	14.0	15.0	1.53	4.6	15	0.15	4.0	0.22	564	1.00	0.054	21.9	1124	9.12	0.04	0.22	2.5	0.4	63.0	<0.02	0.9	0.075	0.14	0.4	40	<0.1	266

ECO TECH LABORATORY LTD. **ICP MS CERTIFICATE OF ANALYSIS AK 2008-0665** **Goldcliff Resources Corp.**

Et #	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zr pp
QC DATA:																																				
Repeat:																																				
1	10000N +9700E	<5	0.1	0.68	1.3	197.0	0.08	0.53	1.80	3.1	4.5	9.4	0.77	2.4	20	0.15	2.0	0.11	1552	1.47	0.043	3.6	925	7.41	0.04	0.06	0.4	0.4	36.5	<0.02	<0.1	0.024	0.04	<0.1	14	<0.1	145
10	10000N +9790E	<5	0.4	2.37	8.6	239.0	0.14	1.33	1.42	8.7	16.0	35.8	2.28	6.1	25	0.16	9.5	0.41	731	0.77	0.077	14.9	1326	14.22	0.08	0.64	2.3	1.0	91.5	<0.02	0.3	0.064	0.12	0.7	52	<0.1	92
19	10000N +9880E	<5	0.2	1.25	3.1	203.5	0.12	0.57	3.19	5.1	8.0	16.3	1.50	3.9	20	0.07	4.0	0.19	956	0.60	0.047	9.7	1295	11.18	0.02	0.16	1.7	0.4	37.5	<0.02	0.8	0.067	0.06	0.2	28	<0.1	354
28	10000N +9970E	<5	0.2	1.99	4.4	205.5	0.10	0.69	1.13	6.0	16.0	13.9	1.78	5.5	15	0.15	4.5	0.36	718	0.87	0.072	13.4	440	7.22	0.04	0.26	3.3	0.4	55.0	<0.02	1.0	0.098	0.10	0.2	44	<0.1	106
36	10000N +10050E	<5	0.2	1.80	4.3	150.5	0.10	0.60	0.36	5.4	13.5	12.3	1.72	5.2	15	0.20	3.5	0.27	580	0.60	0.062	13.0	622	10.28	0.02	0.20	2.7	0.3	46.5	<0.02	1.0	0.088	0.10	0.2	36	<0.1	95
45	10000N +10170E	<5	0.2	1.14	3.2	143.0	0.10	0.40	0.14	3.9	8.5	6.3	1.32	4.2	20	0.05	2.0	0.16	390	0.57	0.049	6.0	1446	7.68	0.04	0.10	1.5	0.3	34.5	<0.02	0.6	0.067	0.04	0.1	32	<0.1	73
54	10000N +10260E	<5	0.4	1.10	5.1	150.5	0.10	0.78	0.44	3.7	9.5	9.6	1.28	3.8	20	0.08	2.5	0.18	387	0.48	0.052	8.8	1595	10.72	0.04	0.22	1.9	0.3	55.5	<0.02	0.7	0.065	0.04	0.2	32	<0.1	86
63	10000E +9880N	<5	0.3	2.14	10.2	192.5	0.16	0.58	1.30	6.7	12.5	14.6	1.86	6.3	25	0.06	5.0	0.25	1392	1.97	0.044	12.8	1766	13.76	0.04	0.26	1.9	0.5	45.5	<0.02	0.7	0.078	0.08	0.4	38	<0.1	194
71	10000E +10060N	<5	0.2	1.67	4.8	138.5	0.10	0.74	0.39	5.7	14.0	18.9	1.68	4.7	20	0.28	4.5	0.33	461	0.68	0.070	14.6	780	7.72	0.04	0.32	2.9	0.4	61.5	<0.02	1.1	0.077	0.10	0.3	40	<0.1	110
80	10000N +10180N	<5	0.3	1.22	4.3	146.0	0.10	0.46	1.31	3.2	7.5	11.3	1.07	4.0	20	0.05	2.5	0.11	787	1.52	0.039	9.4	2045	10.51	0.04	0.10	1.3	0.5	32.0	<0.02	0.7	0.053	0.04	0.2	20	<0.1	200
89	10000E +10360N	<5	0.3	2.11	4.0	152.0	0.16	0.64	0.80	6.0	14.5	16.9	1.91	6.5	20	0.08	5.5	0.27	907	2.04	0.050	20.9	1377	13.79	0.04	0.24	2.0	0.6	33.0	<0.02	1.3	0.085	0.14	0.7	40	<0.1	131
98	10000E +10540N	10	0.3	2.08	5.6	139.5	0.14	0.62	0.97	6.3	17.0	14.3	1.85	6.1	15	0.07	4.5	0.27	621	1.46	0.055	22.6	920	10.31	0.02	0.24	2.3	0.5	50.5	<0.02	1.3	0.078	0.14	0.6	42	<0.1	180
Standard:																																				
Till3			1.5	1.09	78.7	35.5	0.32	0.61	0.12	9.7	61.5	17.9	1.95	4.5	85	0.07	14.0	0.59	312	0.60	0.048	28.1	428	24.41	0.04	0.54	3.3	0.6	14.0	<0.02	2.7	0.067	0.06	1.0	37	<0.1	37
Till3			1.4	1.09	81.3	34.5	0.28	0.60	0.08	9.4	60.0	17.9	1.92	4.5	85	0.07	13.0	0.59	310	0.55	0.046	27.4	436	27.32	0.04	0.58	3.3	0.5	14.0	<0.02	2.5	0.066	0.06	1.1	37	<0.1	37
Till3			1.4	1.06	76.2	31.0	0.30	0.61	0.11	9.4	59.5	17.2	1.87	4.4	85	0.07	13.0	0.58	301	0.60	0.045	27.2	439	29.76	0.04	0.56	3.0	0.6	16.5	<0.02	2.5	0.064	0.06	1.0	36	<0.1	36
Se29		600																																		
Se29		600																																		
Se29		595																																		

ICP/ Au 30g Aqua Regia Digest/ ICP MS Finish

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/ap
df/msr665S
XLS/07

APPENDIX II

COST STATEMENT

COST STATEMENT – 2008

SALARIES

Grant Crooker, Geologist May 25-29/2008 5 days @ $ 600.00/day	$	3,000.00

MEALS & ACCOMMODATION

Grant Crooker - 2 days @ $ 60.00/day	120.00

TRANSPORTATION

Vehicle Rental (1996 Chev 1/2 ton 4 x 4) 2 days @ $ 75.00/day	150.00
Gasoline	70.00

ANALYSES

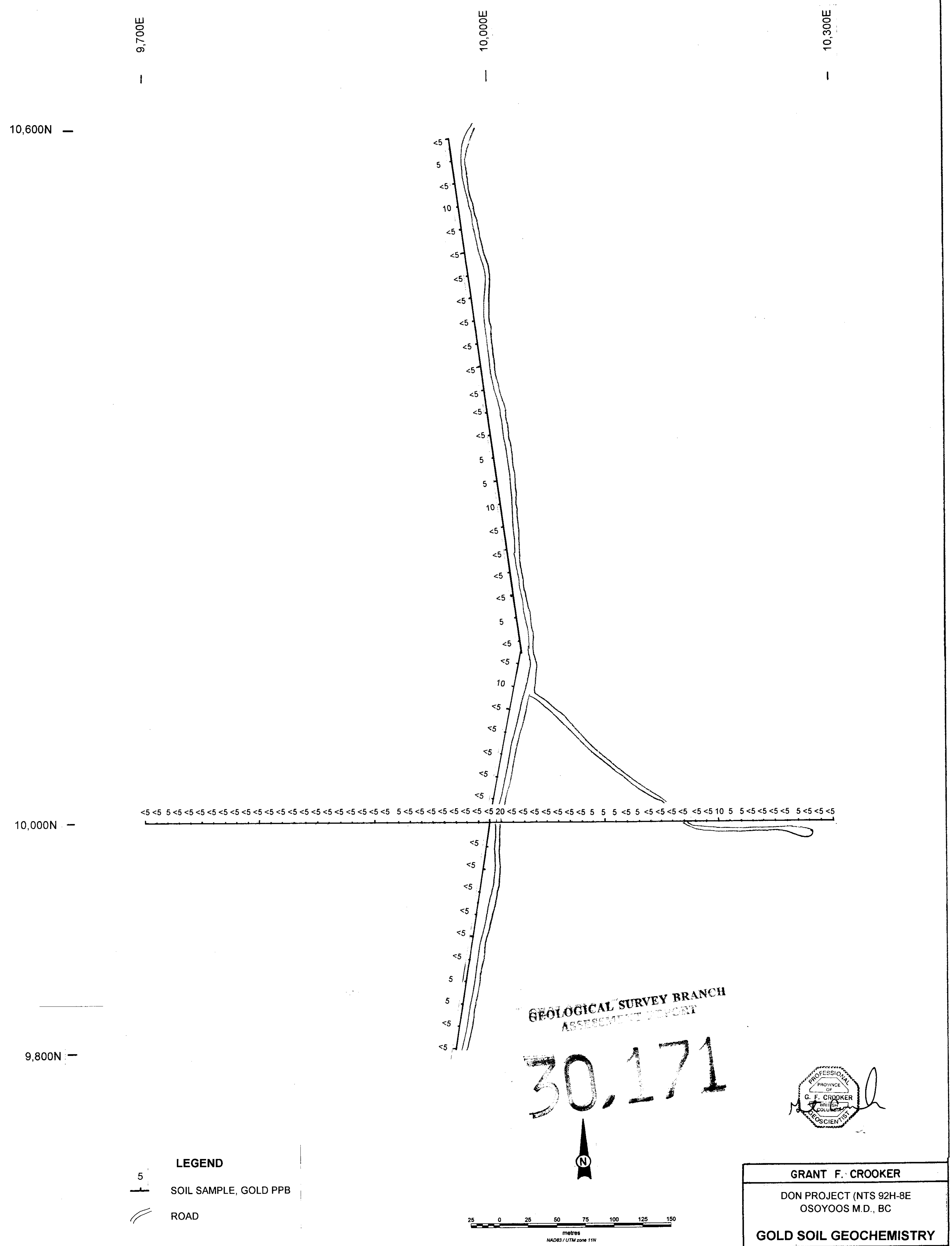
100 soil samples, gold (30 gram, FA, AA finish, results ppb), 36 element ICPMS @ $ 23.62/sample	2,362.00

SUPPLIES 20.00

FREIGHT 50.00

PREPARATION OF REPORT (Printing etc) 200.00

Total 5972.00



GRANT F. CROOKER

DON PROJECT (NTS 92H-8E
OSOYOOS M.D., BC

GOLD SOIL GEOCHEMISTRY

DATE : August 2008	FIGURE : 4.0

Scale 1:2000