GEOLOGICAL, GEOCHEMICAL

AND LINECUTTING REPORT

ON THE

GRANITE BASIN PROPERTY

N.T.S.: 94C/5

NOVEMBER, 1994

Author: D.G. Gill, P. Geo.
Owner/Operator: Hemlo Gold Mines Inc.

TABLE OF CONTENTS

FIGURES

APPENDICES

1.0 INTRODUCTION

Between the dates of August 29 to September 25, 1994, 32 mandays were spent on the Granite Basin Property by Noranda personnel acting as agents for Hemlo Gold Mines Inc. The programme consisted of mapping, linecutting, and soil and rock geochemistry.

A total of 227 soils, 35 rocks and 18.35 line km of grid were collected and established during this programme.

1.1 Location and Access

The Granite Basin Property is centered at latitude 56°29'N and 125°52'E on N.T.S. Mapsheet 94C/05W. It lies to the northwest of Aiken Lake in the Omineca Mining Division of British Columbia (Drawing 1).

The Omineca Resource Access Road and main line logging roads provide access to within 3.6 km of the property. This distance is 365 road km north of Ft. St. James. The final 3.6 km is accessible by 4-wheel drive only.

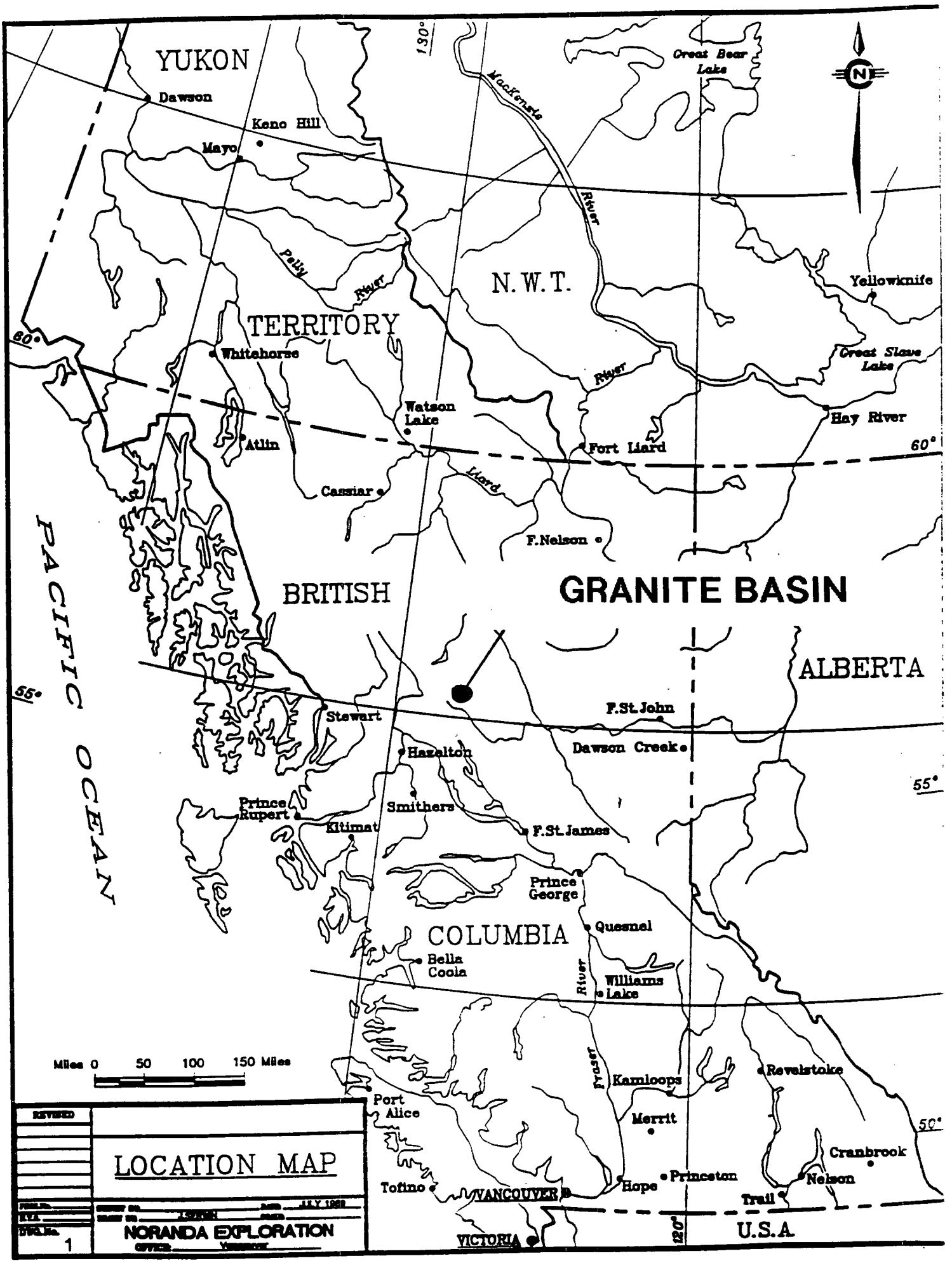
1.2 Topography and Physiography

The Granite Basin Property is situated within the Osilinka Ranges and covers 2 northeast trending ridges separated by a cirque valley as well as several northeasterly trending drainages flowing into Lay Creek. Topography is steep to precipitous over the ridged areas, but is subdued to fairly flat in creek valleys and towards Lay Creek. Elevations range from 1200 meters in the valley of Lay Creek to 2180 m on the western edge of the property. The higher elevations are devoid of vegetation or covered by grasses and mountain willow, and at lower elevations mature conifer forests are dominant. Intervening elevations are covered by dense growths of sub-alpine lodge pole pine and spruce.

1.3 History

Below is a brief outline of work performed on the Granite Basin property, in chronological order.

1936: The area was staked by Cominco and 1,142 linear feet of hand trenching was cone. A drift of 110 feet was driven without reaching bedrock.


YUKON
TERRITORY
N.W.T.
BRITISH
COLUMBIA
ALBERTA
PACIFIC OCEAN
GRANITE BASIN
U.S.A.
Dawson
Keno Hill
Mayo
Whitehorse
Atlin
Watson Lake
Cassiar
Fort Liard
F.Nelson
Yellowknife
Great Bear Lake
Great Slave Lake
Hay River
Mackenzie River
Peel River
Liard River
Stewart
Hazelton
Smithers
Prince Rupert
Kitimat
F.St.John
Dawson Creek
F.St.James
Prince George
Quesnel
Bella Coola
Williams Lake
Fraser River
Kamloops
Revelstoke
Merritt
Cranbrook
Nelson
Trail
Princeton
Hope
Port Alice
Tofino
VANCOUVER
VICTORIA
130°
120°
60°
55°
50°
N
Miles 0 50 100 150 Miles
REVISED
LOCATION MAP
JULY 1968
NORANDA EXPLORATION
1

1937: A 158 foot drift with 2 crosscuts of 66 feet and 10 feet respectively was driven at a higher elevation and good gold grades were encountered (6.86 gm/12.2 m).

1939: Douglas Lay of the Department of Mines visited the property, took samples and wrote a report.

1962: Prospecting by Emil Bronlund located new showings to the west of the adit workings and the area was re-staked.

1963: Kerr Addison Gold Mines Ltd. sampled the area.

1971-73: Union Miniere and Stellac Explorations conducted a soil geochemical survey and collected rock samples.

1974-75: Susie Gold Mines conducted geochemical soil and rock chip surveys, road access was constructed and trenching to the southeast of the 1936 trenching was done.

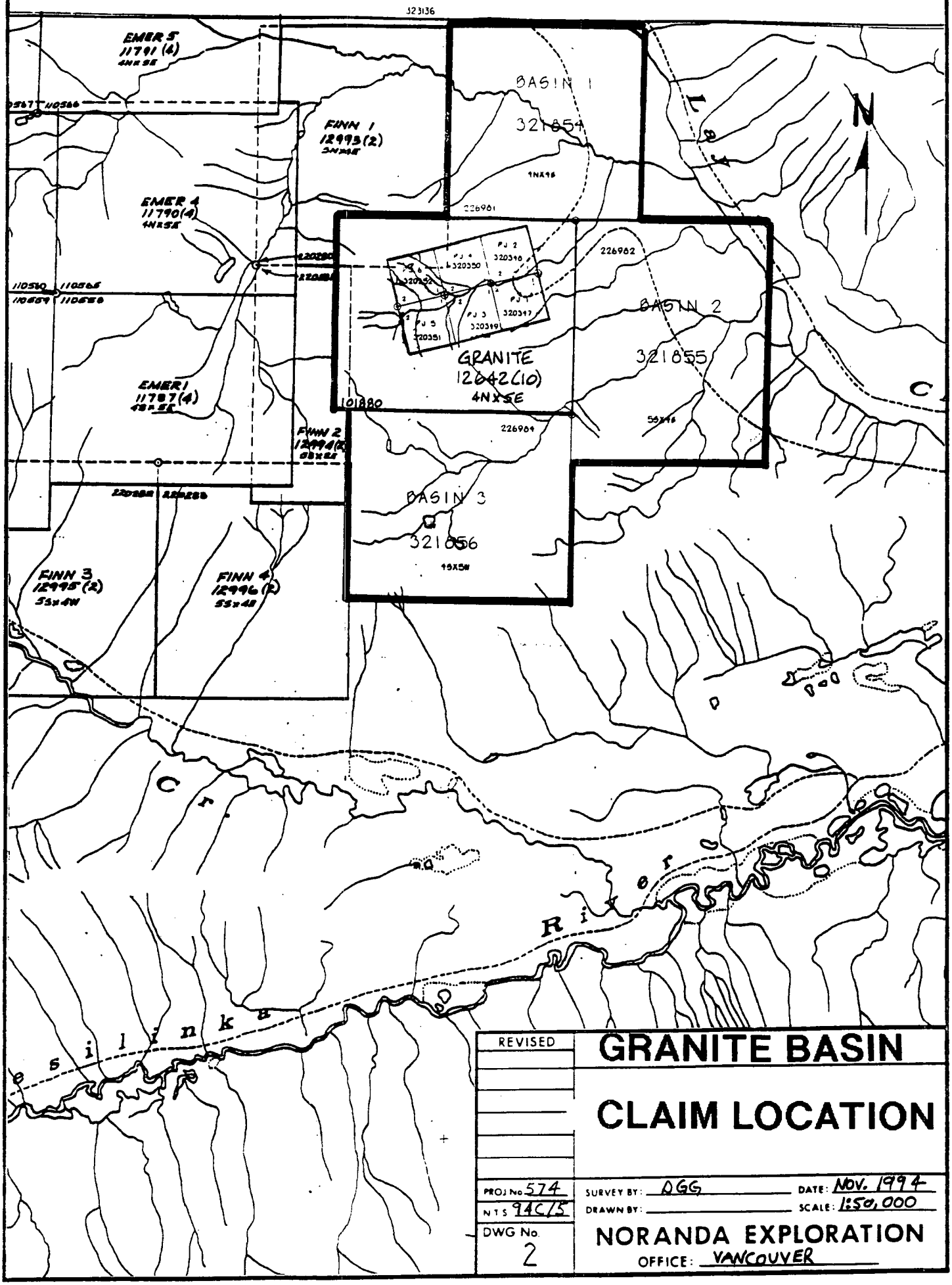
1979-80: Mark V Petroleum Ltd. conducted EM and magnetometer surveys and collected chip samples along the road.

1990-92: Paul Weishaupt re-staked the area, conducted a soil survey, collected rock samples and blasted trenches into the cliff face.

1.4 Claims

The Granite Basin Property is comprised of 3, 20 unit claim blocks and 1, 16 unit claim block. Following is a list of the claims with corresponding tenure number, anniversary date (upon acceptance of this report) and owner (Drawing 2).

Claim Name	Tenure No.	Units	Anniversary Date	Owner
Basin 1	321854	16	October 9, 1995	Hemlo Gold Mines Inc.
Basin 2	321855	20	October 10, 1995	Hemlo Gold Mines Inc.
Basin 3	321856	20	October 10, 1995	Hemlo Gold Mines Inc.
Granite	242792	20	October 8, 1999	Paul J. Weishaupt



REVISED	GRANITE BASIN
	CLAIM LOCATION
PROJ No 574	SURVEY BY: DGG DATE: NOV. 1994
NTS 94C/5	DRAWN BY: SCALE: 1:50,000
DWG No. 2	NORANDA EXPLORATION
	OFFICE: VANCOUVER

REV: 774

1.5 Economic Potential

The Granite Basin Property is considered promising for hosting an economic shear hosted gold/silver deposit. Early work concentrated on 5 pyritic porphyritic diorite sills which produce a spectacular colour anomaly, but overall results were poor. Later work has shown the mineralization to be associated with a series of shears which cut across all rock types and contacts. Previous results of 9.4 g Au and 12.83 oz Ag across 3 m and 7.54 g Au and 7.9 oz Ag across 3 m suggest the potential exists for bulk mineable gold/silver.

1.6 Survey Control

Flagged lines along ridge crests and valley bottoms were established with the aid of a compass and metric hipchain. Establishment of flagged contour lines also used altimeters in addition to the above equipment. All lines were tied in to topographic features. The distance between stations varied between 50 m and 100 m.

1.7 Sampling

Soil sampling was conducted along metrically chained lines with samples collected every 50 m to 100 m at a depth of 5-40 cm. Sample material was placed in brown Kraft envelopes for storage, drying and shipping purposes and sent to the Noranda Exploration Laboratory in Delta, B.C.

Rock samples were collected either as:

1. Grabs, whenever altered and/or mineralized outcrops were encountered, or

2. Chips across measured widths on the previously delineated shear zones.

Please refer to Appendix I for the laboratory analytical techniques and Appendix II for sample assays and descriptions where applicable.

A total of 227 soils and 35 rocks and their accompanying analytical charges are being applied for assessment.

2.0 GEOLOGY

2.1 Regional

The Granite Basin property is situated within the Intermontane Belt which is comprised of Upper Triassic to Lower Jurassic island arc volcanics, volcaniclastics and minor sediments belonging to the Takla Group. The dominantly volcanic package has been intruded by Jura-Cretaceous aged diorites, monzonites and syenites associated with the Hogem Batholith. In fault contact to the east are volcanics and sediments of the Mississippian Cache Creek Group, intruded by ultramafics of the Triassic Trembleur Intrusions.

2.2 Property

Reconnaissance style mapping of the Granite Basin property was carried out in conjunction with the geochemical soil programme. Previous geologic maps of the central portion of the property (the Granite claim) were checked for accuracy, and independent structural measurements were taken.

Mapping has confirmed that the property is underlain by a late Triassic aged volcano-sedimentary sequence of Takla Group rocks, intruded by dykes and sills of Jurassic to Cretaceous aged Omineca Intrusives.

The dominant rock type is a fine to medium grained augite porphyritic andesite. It is composed of up to 15% 0.5 mm to 3 mm pyroxene crystals in a dark to medium green groundmass. It may also contain, in equal abundance, phenocrysts of feldspar to 0.5 mm in diameter.

Higher in the section black siltstones, impure limestones and volcaniclastics are intercalated in the augite porphyry. These rocks have been hornfelsed where they are in contact with bodies of feldspar porphyry (see below).

Dioritic intrusives are of two types - a porphyritic and a generally non-porphyritic type. Both types are leucocratic, fine to medium grained, have a sugary texture, and contain hornblende as well as feldspar. The porphyritic diorite contains feldspar phenocrysts up to 3 mm in diameter and probably came from the same magmatic source as the non-porphyritic diorite, but followed a different cooling path. Both types are present as sills.

Isolated outcrops of quartz/feldspar porphyritic diorite and hornblende porphyritic diorite were also observed but could not be followed for any distance. The former was included with the porphyritic diorite, the latter with the diorite.

The feldspar porphyry is present as dykes and sills cutting both the volcano-sedimentary package as well as both diorites. It varies in colour from light grey to dark green, and contains up to 20% light grey feldspar phenocrysts up to 3 mm in size. It contains little to no hornblende. This rock type appears to be restricted to the vicinity of the showings.

Structural measurements on bedded sediments or volcanoclastics located on ridge tops to the south and north of the showings, and also in the vicinity of the showings, indicate an approximate north-south strike (172° to 192°) with dips to the west from 25° to 40°. Further to the north the strike becomes more westerly (approximately 220°), however the angle of dip remains the same.

Three zones of shearing, cutting across all lithologies, have been located by previous exploration programmes. The easternmost zone strikes at 310° and dips steeply to the northeast at 75°. This zone is reported to be 12 m in width, as measured in the underground workings in 1937. The second and third zones lie to the southwest, are higher in elevation by 85 m and 182 m respectively, and have similar strikes and dips 266°/40°N (Zone 2) and 262°/58°N (Zone 3). Field observations suggest Zones 2 and 3 are actually the same shear. The steep talus covered slope downdip from Zone 3 appears to be an irregular dip slope exposing the upper limit of the shear and connects with the sheared outcrop of Zone 2. The footwall is not exposed at either Zone 2 or 3 but a true width of 5 m was measured at one location.

2.3 Mineralization

The augite porphyritic andesite and associated sediments are generally non-mineralized, or may be sparsely mineralized with fine grained disseminated pyrite. However, in contact with the porphyritic diorite these rock types may be heavily pyritized.

The porphyritic diorite always hosts pyrite, in concentrations up to 20%. Prior to 1975, exploration programmes were focused on these pyritic sills and in general the gold values were negligible except in the vicinity of shear Zone 1.

In 1975 it was recognized that the shears hosted the Au/Ag mineralization and these shears cut across all rock types. Rocks within the shear zones are fine grained, white to light blue in colour with quartz veinlets, patchy carbonate, sericite, minor mariposite and wavy laminations of pyrite and disseminated pyrite. They are also extremely broken with numerous cross fractures creating a hackly surface. Two generations of pyrite are visible. 1. An early fine grained silvery phase often observed as a film along fracture planes and 2. a later coarser grained yellower phase occurring along foliation planes and as irregular pods.

Although base metal mineralization has been mentioned in several previous reports it was not recognized during the course of this programme.

3.0 GEOCHEMISTRY

The objective of the 1994 geochemical programme was two-fold. Soil and rock samples were collected along widely spaced grid lines in order to more clearly delineate an area of interest for future exploration, and 1-2 m chip samples were collected perpendicular to strike from the 3 shear zone locations as previously reported widths gave no indication of orientation with respect to bedding.

A total of 227 soils and 13 rocks were collected during the delineation portion of the programme and 21 chip samples and 1 grab sample were collected from the shear zones. Below is a brief discussion of the gold values obtained from the sampling programme.

Sample locations with corresponding sample number are shown on Drawing 3. Drawing 4 shows all gold in soil results. Refer to Appendix II for all geochemical results and descriptions of the sample taken where applicable.

3.1 Gold in Soils

Of the 227 soils and talus fines collected over the property the lowest value of gold returned was 5 ppb while the highest value was 240 ppb. The highest values trend in a roughly northwest-southeast direction for a distance of 2.4 km, and extend 400-500 m to the east of the showings (shear zones). Several of the anomalous soils also contain anomalous silver, up to 3.0 ppm.

The southern end of the anomalous zone most probably reflects an extension of the mineralized shear zones to the south and east of the showings. The northern end of the anomalous zone, across the cirque valley on the northern ridge, could be caused by a series of related shears.

3.2 Gold in Rocks

Gold in 13 grab samples ranged from a low of 5 ppb to 150 ppb. All of the samples were collected from altered and/or pyritic rock. The samples with marginally elevated gold results came from outcrops in the vicinity of anomalous soil locations.

3.3 Gold in Chip Samples

Rock chip samples of 2-3 m in length were collected from two locations at shear zone 1 and samples of 1 m in length were collected from shear zones 2 and 3. A value of 2.3 g Au and 10.7 g Ag over 9.5 m was returned from Shear 1, and 3.8 g Au and 23 g Ag over 5 m was returned from Shear 3. The results from Shear 2 were very low in comparison with the above and it is felt the samples were collected from a pyritic horizon in the hanging wall of the shear, rather than from the shear itself.

4.0 CONCLUSIONS

1. Soil sampling along widely spaced lines extended the area of anomalous Au to the south and east of the exposed Shear Zones, and also to the northwest, across a cirque valley.

2. Grab samples from outcrops in the vicinity of an anomalous (Au) soil sample contained weakly elevated levels of gold.

3. Chip samples from Shear Zones 1 and 3 produced significant Au/Ag results. Low results from Shear Zone 2 may be attributed to an error in location by the person sampling.

4. Shear Zones 2 and 3 may actually be part of the same zone suggesting the mineralized zone has more continuity than previously thought.

5. A drill programme is recommended to test the thickness of the shear zones, to establish the actual number of shear zones, and to establish their extent in the covered area to the southeast of the exposed shears.

REFERENCES

Fox, M., 1980: Geological and Geophysical Report on Granite Basin - 6 Mineral Claims. B.C. Assessment Report 8337.

Lay, D., 1940: Aiken Lake Area, North Central British Columbia. BCDM Bulletin No. 1, pp 15-18.

Potter, R.G., 1973: Geochemical Report on the Susie Claims, Omineca Mining Division. B.C. Assessment Report 4487.

Roots, E.F., 1954: Geology and Mineral Deposits of Aiken Lake Map - Area, British Columbia. G.S.C. Memoir 274, pp 217-218.

Saleken, L.W., 1975: Examination and Sample Report on the Susie Claims, Omineca Mining Division. B.C. Assessment Report 5423.

Stelling, D., 1974: Prospectors Report on Susie #4 Claim of the Susie Claim Group 6 miles northwest of Aiken Lake. B.C. Assessment Report 4900.

Weishaupt, P.J., 1994: Geological and Geochemical Report Granite Basin Claim. B.C. Assessment Report (unreleased).

APPENDIX I

LABORATORY ANALYTICAL TECHNIQUES

ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver.

Preparation of Samples:

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for geochemical analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples * from constant volume), are analysed in its entirety, when it is to be determined for gold without further sample preparation.

Analysis of Samples:

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.4 g and chemical quantities are doubled relative to the above noted method for digestion.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn can be determined directly from the digest (dissolution) with a conventional atomic absorption spectrometric procedure. A Varian-Techtron, Model AA-5 or Model AA-475 is used to measure elemental concentrations.

Elements Requiring Specific Decomposition Method:

Antimony - Sb: 0.2 g sample is attacked with 3.3 ml of 6% tartaric acid, 1.5 ml conc. hydrochloric acid and 0.5 ml of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the dissolution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.3 g sample is digested with 1.5 ml of perchloric 70% and 0.5 ml of conc. nitric acid. A Varian AA-475 equipped with an As-EDL is used to measure arsenic content in the digest.

Barium - Ba: 0.1 g sample digested overnight with conc. perchloric, nitric and hydrofluoric acid; Potassium chloride added to prevent ionization. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest with an AA-475 complete with EDL.

Gold - Au: 10.0 g sample is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with MIBK from the aqueous solution. AA is used to determine Au.

Magnesium - Mg: 0.05 - 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with the use of a nitrous oxide flame determines Mg from the aqueous solution.

Tungsten - W: 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

Uranium - U: An aliquot from a perchloric-nitric decomposition, usually from the multi-element digestion, is buffered. The aqueous solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

N.B.: If additional elemental determinations are required on panned samples, state this at the time of sample submission. Requests after gold determinations would be futile.

LOWEST VALUES REPORTED IN PPM:

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

APPENDIX II

SOIL AND ROCK GEOCHEMICAL RESULTS

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: GRANITE BASIN – 45574 **Geol.:** L.E. **Date received:** SEP. 16 **LAB CODE:** 9409–024

Material: 183 Soils **Sheet:** 1 of 5 **Date completed:** SEP. 22

Remarks: • Sample screened @ –35 MESH (0.5 mm)

¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	168514 soil	5	0.2	8.20	26	217	0.6	5	2.20	1.0	59	49	33	211	5.82	1.90	14	19	0.57	3856	1	0.10	33	0.12	13	48	0.08	279	187
4	168515	5	0.2	6.19	20	121	0.5	5	2.39	2.0	54	52	26	184	6.67	0.26	13	14	2.32	1380	1	0.07	37	0.12	18	153	0.43	258	333
5	168516	5	0.2	5.13	18	77	0.5	5	2.36	1.7	54	31	36	146	6.09	0.20	14	13	2.01	1108	1	0.05	40	0.13	15	183	0.37	244	148
6	168517	5	0.2	8.02	49	407	0.5	5	1.68	1.5	51	60	64	213	7.29	0.56	13	26	3.48	1665	1	0.08	91	0.10	7	426	0.44	309	126
7	168518	5	0.2	4.69	59	149	0.6	5	0.82	1.7	52	97	151	123	5.15	0.27	15	23	2.29	1964	1	0.04	161	0.19	39	64	0.22	128	206
8	168519	5	0.8	5.24	55	154	0.9	5	1.46	5.2	72	104	102	145	5.90	0.31	23	27	2.60	1785	1	0.06	126	0.10	62	119	0.28	169	1334
9	168520	5	0.2	5.02	66	206	0.6	5	1.29	4.0	64	36	28	101	5.41	0.40	19	19	1.53	1384	2	0.06	31	0.14	107	126	0.30	148	1126
10	168521	5	0.2	6.28	32	193	0.6	5	1.65	2.4	62	34	32	100	5.54	0.34	17	19	1.93	1196	1	0.06	33	0.12	44	111	0.41	187	518
11	168522	5	0.2	6.12	5	326	0.3	5	2.32	0.6	48	32	15	110	7.68	0.46	12	19	2.75	1544	1	0.26	19	0.08	4	116	0.38	261	122
12	168523	5	0.2	5.48	2	475	0.5	5	1.36	0.4	53	21	37	81	4.94	0.33	13	15	1.72	842	1	0.07	32	0.13	8	139	0.29	157	108
13	168524	5	0.2	5.11	2	435	0.4	5	1.30	0.6	49	20	26	62	5.38	0.42	13	13	1.61	854	1	0.05	24	0.16	4	132	0.38	168	113
14	168525	5	0.2	4.65	4	428	0.4	5	1.52	0.6	57	23	30	51	4.93	0.31	16	13	1.50	936	1	0.06	23	0.15	4	109	0.37	169	103
15	168580	10	1.4	5.51	2	510	0.4	5	1.01	1.1	45	26	23	96	6.53	0.65	13	14	2.16	1228	1	0.07	25	0.12	14	74	0.54	220	156
16	168581	5	0.2	5.05	23	646	0.5	5	1.60	2.2	58	31	43	122	5.79	0.50	18	16	2.21	1492	1	0.06	40	0.21	10	99	0.31	196	154
17	168582	5	0.2	5.65	3	675	0.5	5	0.98	1.0	45	24	43	85	5.42	0.40	12	13	1.75	1724	1	0.07	31	0.21	14	103	0.33	182	165
18	168583	5	0.2	3.41	6	423	0.4	5	0.81	0.6	43	16	28	67	4.26	0.46	12	10	1.00	930	1	0.04	18	0.24	9	84	0.25	140	107
19	168584	30	0.2	5.76	19	490	0.6	5	1.63	1.0	58	32	83	111	6.82	0.68	16	25	3.51	1564	1	0.09	85	0.13	10	138	0.42	211	138
20	168585	5	0.2	4.44	18	174	0.4	5	1.11	1.0	49	19	63	63	6.03	0.26	12	13	1.30	943	1	0.05	33	0.19	13	101	0.37	226	98
21	168586	5	0.2	3.81	7	140	0.4	5	1.76	1.0	44	22	47	113	4.46	0.24	9	13	1.49	828	1	0.04	35	0.11	8	138	0.22	160	121
22	168587	40	0.2	4.38	5	124	0.2	5	1.19	0.5	45	8	65	33	7.15	0.23	11	8	0.79	430	1	0.05	18	0.12	8	101	0.60	378	61
23	168588	5	0.2	4.58	8	169	0.3	5	1.35	0.2	44	15	77	57	5.93	0.25	10	13	1.43	598	1	0.05	33	0.13	6	101	0.40	229	100
24	168589	5	0.2	3.92	3	132	0.2	5	1.67	0.5	45	11	66	30	4.88	0.26	10	8	0.81	614	1	0.05	17	0.15	5	114	0.44	261	60
25	168590	5	0.2	5.29	4	359	0.5	5	1.57	0.7	46	23	49	146	5.59	0.36	11	18	1.93	841	1	0.05	39	0.15	3	118	0.29	194	132
26	168591 •¤	5	0.2	2.01	2	140	0.2	5	0.77	0.2	34	4	29	19	1.54	0.24	7	5	0.17	131	1	0.06	6	0.10	4	64	0.20	105	40
27	168592	10	0.2	4.74	5	136	0.4	5	2.00	0.8	50	21	65	74	5.18	0.26	12	19	1.74	698	1	0.06	38	0.11	6	118	0.33	193	99
28	168593	5	0.2	3.79	4	173	0.3	5	1.45	0.4	48	11	72	31	4.22	0.30	11	10	0.92	609	1	0.06	22	0.15	6	128	0.40	200	72
29	168594	5	0.2	5.27	14	185	0.5	5	1.32	0.5	44	21	103	93	5.03	0.22	12	22	2.21	715	1	0.05	93	0.26	10	112	0.21	213	106
30	168595 ¤	5	0.6	4.71	12	135	0.9	5	1.72	1.7	50	21	124	224	4.08	0.25	15	28	1.34	2883	1	0.05	42	0.42	6	78	0.17	253	142
31	168596	5	0.2	4.51	3	149	0.4	5	1.64	0.6	52	20	85	60	5.87	0.17	13	14	1.36	1313	1	0.06	34	0.18	5	213	0.45	221	79
32	168597	5	0.2	5.35	4	108	0.5	5	1.72	0.9	46	25	86	145	4.79	0.18	11	18	2.48	1286	1	0.05	91	0.42	6	108	0.19	194	96
33	168598	5	0.2	5.02	3	148	0.5	5	1.53	0.7	50	25	67	163	5.12	0.21	11	14	2.13	881	1	0.05	58	0.16	3	142	0.28	178	107
34	168599	5	0.2	4.46	4	118	0.5	5	0.73	0.8	36	35	238	134	6.75	0.14	10	14	3.91	1512	1	0.03	206	0.32	3	77	0.29	208	84
35	169436	110	2.2	8.53	8	327	0.5	5	0.91	0.4	40	16	43	59	5.39	0.49	10	11	0.93	772	1	0.05	29	0.14	26	90	0.25	134	183
36	169437	50	2.0	7.41	33	566	0.5	5	1.28	1.0	50	16	47	83	7.21	0.94	12	12	1.27	1729	4	0.07	27	0.13	88	140	0.33	184	367
37	169438	75	0.8	8.18	5	310	0.6	5	1.73	0.7	52	20	23	84	5.32	0.69	12	9	0.87	968	1	0.05	23	0.14	22	99	0.25	133	147

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
38	169439	5	0.2	5.74	7	275	0.5	5	1.51	0.7	55	15	47	45	5.12	0.41	13	14	1.14	629	1	0.06	27	0.10	9	108	0.32	156	115
39	169440	75	0.2	5.37	6	289	0.4	5	1.63	0.4	53	16	45	49	5.00	0.48	13	12	1.31	1009	1	0.05	32	0.18	8	129	0.33	164	90
40	169441	10	0.2	4.87	6	261	0.4	5	1.47	0.5	57	12	44	42	5.29	0.41	14	12	0.93	650	2	0.06	21	0.13	7	109	0.36	179	119
41	169442	5	0.2	4.96	2	238	0.4	5	1.36	0.6	49	15	75	45	6.01	0.34	13	12	1.03	962	1	0.05	25	0.15	3	104	0.39	191	109
42	169443	5	0.2	5.14	2	264	0.4	5	1.43	1.0	47	15	50	58	6.05	0.33	13	16	1.44	623	1	0.05	27	0.12	8	108	0.41	214	138
43	169444	5	0.2	4.96	3	177	0.4	5	1.43	0.6	54	15	54	48	7.27	0.28	15	16	1.18	615	1	0.05	24	0.14	9	104	0.48	246	167
44	169445	5	0.2	4.51	2	266	0.3	5	1.69	0.7	54	16	48	44	5.13	0.34	13	11	0.98	1744	1	0.06	21	0.16	12	126	0.41	213	120
45	169446	5	0.2	4.41	2	254	0.4	5	1.47	0.8	52	14	39	52	5.55	0.38	14	11	1.14	711	1	0.05	22	0.24	6	114	0.43	199	104
46	169447	5	0.2	5.28	2	359	0.5	5	1.58	0.5	51	18	34	77	5.64	0.25	12	14	1.69	646	1	0.06	27	0.13	6	127	0.42	193	116
47	169448	5	0.4	4.97	2	359	0.5	5	1.05	0.8	53	15	52	69	6.64	0.41	16	18	1.52	496	1	0.05	33	0.14	6	101	0.35	192	129
48	169449	5	0.2	7.26	2	450	0.6	5	0.86	0.9	39	17	48	97	5.83	0.37	12	16	1.41	524	1	0.04	41	0.18	6	93	0.28	154	164
51	169450	5	0.2	4.89	3	202	0.4	5	1.33	0.5	48	17	54	67	6.11	0.30	12	17	1.50	724	1	0.05	35	0.13	9	103	0.39	207	147
52	169500	5	0.2	3.86	15	173	0.5	5	0.61	0.7	35	15	104	72	8.54	0.27	9	11	0.96	585	1	0.04	39	0.56	7	65	0.27	253	110
53	169776	5	0.2	5.27	12	457	0.5	5	1.09	0.6	45	24	46	74	4.82	0.58	11	14	1.44	1183	1	0.05	33	0.15	6	88	0.25	153	110
54	169777	5	0.2	4.63	17	468	0.4	5	1.45	0.6	45	22	35	67	4.95	0.35	10	12	1.39	1499	1	0.06	25	0.18	6	119	0.31	152	114
55	169778	5	0.2	5.82	32	704	0.6	5	1.21	1.0	54	36	33	138	6.46	0.74	16	16	1.81	1954	1	0.06	48	0.15	10	117	0.32	181	148
56	169779	5	0.2	6.32	60	791	0.6	5	1.32	1.0	57	49	69	132	8.30	0.93	17	19	2.19	2756	2	0.06	88	0.18	10	100	0.37	200	181
57	169780	15	0.2	6.38	20	756	0.6	5	1.22	1.0	55	39	55	84	7.40	0.83	16	19	2.07	2466	5	0.06	60	0.14	9	120	0.35	191	168
58	169781	45	0.2	6.25	14	566	0.6	5	1.48	0.9	57	29	80	72	6.80	0.61	16	16	1.64	1792	4	0.06	66	0.16	9	126	0.28	157	137
59	169782	200	1.0	6.55	46	619	0.6	5	1.55	1.3	55	41	55	107	7.51	0.88	15	17	2.17	2318	4	0.07	81	0.13	32	127	0.35	184	187
60	169783	5	0.2	4.72	32	543	0.5	5	1.58	1.5	51	39	37	129	5.66	0.60	13	12	1.42	2215	1	0.06	33	0.18	9	131	0.27	156	187
61	169784 *¤	5	0.2	1.23	14	231	0.2	5	2.40	3.1	35	13	15	62	1.63	0.29	6	4	0.42	880	1	0.03	15	0.12	4	61	0.07	47	164
62	169785	15	0.2	3.64	12	641	0.3	5	1.02	2.2	39	23	39	77	4.55	0.45	9	7	0.90	4720	3	0.04	21	0.20	9	105	0.27	148	140
63	169786	45	0.2	5.75	23	561	0.6	5	1.90	1.1	48	28	25	173	5.54	0.50	12	11	1.38	1627	3	0.09	30	0.15	10	141	0.28	148	172
64	169787	150	0.2	6.36	8	354	0.6	5	2.79	0.7	51	40	16	361	6.35	0.46	12	11	1.22	2028	4	0.06	27	0.16	8	211	0.24	156	136
65	169788	100	0.6	5.24	12	272	0.5	5	2.88	1.0	48	44	24	680	8.69	0.34	12	10	1.14	2855	10	0.06	31	0.17	10	154	0.24	155	195
66	169789	45	0.2	5.61	17	155	0.5	5	5.23	1.1	45	28	14	321	9.03	0.27	9	8	0.81	2831	23	0.05	25	0.13	5	159	0.25	156	196
67	169790	5	0.2	4.32	4	99	0.4	5	1.82	1.1	43	33	96	133	5.47	0.15	10	17	3.90	1025	1	0.05	128	0.09	5	105	0.25	156	114
68	169791	5	0.2	4.01	23	87	0.4	5	1.81	0.7	43	31	75	130	5.31	0.11	9	16	3.39	972	1	0.05	98	0.09	7	104	0.25	168	132
69	169792	5	0.6	6.07	26	378	0.7	5	1.21	4.3	44	96	39	323	7.09	0.78	10	16	3.05	3139	2	0.06	88	0.13	54	131	0.18	219	1100
70	169793	5	1.0	4.64	10	147	0.5	5	1.02	1.0	41	25	72	115	7.07	0.23	10	14	1.57	1007	1	0.04	44	0.30	10	92	0.34	248	130
71	169794	5	0.2	4.99	2	297	0.4	5	0.58	0.5	32	8	71	42	3.39	0.58	9	9	0.50	320	1	0.06	13	0.17	9	94	0.23	178	62
72	169795	5	0.2	5.38	9	290	0.3	5	0.72	0.4	37	13	73	61	5.28	0.70	9	8	0.78	1008	1	0.07	19	0.26	13	92	0.28	245	106
73	169796	5	0.2	4.25	3	187	0.3	5	1.03	0.4	41	17	70	62	5.66	0.28	11	11	1.22	1407	1	0.05	29	0.27	9	114	0.41	223	105
74	169797	5	0.2	4.88	2	215	0.3	5	0.86	0.2	36	10	73	52	3.67	0.33	8	13	0.97	419	1	0.08	27	0.19	6	77	0.29	156	73
75	169798	5	0.2	6.10	7	224	0.4	5	0.94	0.5	38	21	84	75	6.32	0.35	8	16	1.81	728	1	0.10	51	0.16	10	89	0.32	227	136
76	169799	5	0.2	5.47	6	207	0.4	5	1.13	0.4	45	21	70	90	6.36	0.33	12	18	2.09	797	1	0.07	46	0.14	12	103	0.36	223	161
77	169800	5	0.2	5.10	2	232	0.4	5	0.96	0.4	44	12	64	52	3.94	0.39	12	13	1.22	430	1	0.10	31	0.23	14	103	0.34	176	93
78	169886	5	0.2	3.81	3	335	0.5	5	1.22	0.2	47	23	61	61	4.60	0.39	11	8	0.67	2249	1	0.05	20	0.37	8	152	0.32	182	99
79	169887	20	0.2	3.72	2	191	0.3	5	1.44	0.2	51	8	61	37	3.97	0.25	12	8	0.69	464	1	0.07	16	0.20	8	154	0.37	185	73
80	169888	5	0.2	4.13	2	178	0.4	5	1.14	0.5	55	10	62	55	4.51	0.28	15	10	0.81	398	1	0.07	20	0.26	28	121	0.35	165	94
81	169889	5	0.2	5.15	4	242	0.5	5	1.55	0.7	56	25	53	112	6.20	0.33	13	17	1.60	1449	1	0.06	36	0.23	10	145	0.37	208	176
82	169890	5	0.2	4.05	2	512	0.3	5	1.74	0.5	56	21	33	45	4.52	0.38	13	9	0.88	2771	1	0.06	20	0.18	10	154	0.43	184	139
83	169891	10	0.2	5.46	3	264	0.5	5	1.81	1.0	53	31	30	104	5.77	0.41	12	16	1.93	1211	1	0.08	36	0.12	13	119	0.36	182	202
84	169892	5	0.2	5.19	2	324	0.5	5	1.84	0.9	55	25	33	86	5.37	0.34	13	14	1.84	1071	1	0.06	32	0.12	11	110	0.39	188	150

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
																													9409-024 Pg. 3 of 5
85	169893	10	0.2	3.99	3	412	0.3	5	1.01	0.5	46	12	102	28	4.59	0.37	12	13	1.54	730	1	0.04	37	0.24	5	95	0.40	176	123
86	169894	5	0.2	5.39	4	516	0.6	5	1.27	0.7	60	24	38	95	5.26	0.47	16	16	1.58	1012	1	0.06	35	0.16	14	111	0.35	169	160
87	169895	5	0.2	5.37	2	362	0.5	5	1.75	0.8	57	27	35	89	5.46	0.36	14	14	1.90	1077	1	0.06	35	0.13	7	125	0.39	179	131
88	169896	5	0.2	4.04	6	705	0.4	5	0.95	1.0	43	19	39	63	4.54	0.44	10	11	1.15	2665	1	0.05	25	0.25	7	104	0.29	150	162
89	169897	5	0.2	5.32	2	511	0.5	5	1.01	0.7	48	18	45	60	5.19	0.45	12	13	1.37	1222	1	0.05	25	0.23	8	102	0.37	175	120
90	169898	5	0.6	5.22	2	591	0.5	5	1.16	0.6	50	13	39	72	4.55	0.45	12	11	1.01	616	1	0.05	23	0.23	7	139	0.32	152	105
91	169899	5	0.2	5.07	2	485	0.5	5	0.89	0.5	42	12	37	63	4.25	0.39	12	12	1.07	711	1	0.05	22	0.20	7	97	0.30	143	115
92	169900	20	0.2	6.05	9	722	0.7	5	1.35	1.1	60	30	31	132	5.79	0.65	17	15	1.79	1387	2	0.07	45	0.14	10	139	0.33	172	147
93	173326	35	0.4	8.23	2	282	0.5	5	1.52	0.5	46	16	35	61	5.19	0.22	10	10	0.88	642	2	0.05	20	0.10	18	98	0.29	153	109
94	173327 *¤	40	0.2	3.97	14	394	0.3	5	1.43	0.8	42	20	36	70	4.17	0.50	9	9	0.86	1163	3	0.06	26	0.12	12	107	0.19	111	153
95	173328	40	0.2	5.49	16	545	0.5	5	1.51	1.0	53	26	37	100	5.45	0.59	13	12	1.30	1160	3	0.08	35	0.12	13	138	0.26	149	154
96	173329	5	0.2	5.58	2	467	0.3	5	1.84	0.4	51	17	40	57	4.83	0.48	11	8	0.92	1336	2	0.06	25	0.15	9	160	0.31	183	101
97	173330	75	0.2	6.33	3	440	0.3	5	1.32	0.9	50	13	32	42	5.89	0.61	13	13	1.12	794	3	0.05	18	0.09	16	143	0.38	208	169
98	173331	10	0.2	5.73	5	441	0.4	5	1.75	0.5	53	13	35	44	5.86	0.56	12	12	1.07	713	3	0.06	18	0.09	14	167	0.40	196	125
101	173332 *¤	35	0.2	3.57	2	350	0.3	5	1.05	0.4	42	9	37	43	3.12	0.47	10	6	0.48	762	1	0.06	12	0.19	13	107	0.24	130	64
102	173333	30	0.4	5.09	2	550	0.3	5	1.15	0.2	45	9	40	40	3.61	0.69	11	8	0.69	687	1	0.08	17	0.13	38	152	0.28	149	104
103	173334	15	0.2	5.09	2	369	0.3	5	1.37	0.2	51	8	37	33	4.28	0.53	12	6	0.66	876	1	0.06	12	0.14	21	136	0.38	185	91
104	173335	10	0.2	5.21	2	336	0.3	5	1.51	0.4	50	12	37	31	5.95	0.45	12	12	1.12	661	1	0.06	20	0.11	11	134	0.41	205	139
105	173336	70	0.2	5.74	2	407	0.4	5	1.37	0.5	56	12	32	31	5.18	0.63	15	15	1.24	835	1	0.09	18	0.07	14	138	0.35	182	218
106	173337	25	0.4	6.13	2	336	0.4	5	1.59	1.2	48	15	37	52	5.23	0.41	11	12	1.21	892	1	0.06	25	0.11	18	130	0.30	157	259
107	173338	50	0.2	6.47	2	410	0.5	5	1.69	0.7	50	17	36	63	5.59	0.58	12	13	1.16	1035	1	0.06	23	0.11	26	150	0.29	160	278
108	173339	35	0.8	5.70	2	410	0.4	5	1.59	0.2	51	13	37	50	5.44	0.73	13	12	1.01	1049	1	0.06	21	0.13	16	154	0.31	164	132
109	173340	15	0.2	4.58	2	331	0.3	5	1.68	0.4	50	14	50	34	4.68	0.49	12	9	0.92	1338	1	0.06	20	0.12	8	136	0.34	172	98
110	173341	5	0.2	4.01	2	272	0.3	5	1.56	0.2	48	10	35	36	3.80	0.35	11	8	0.65	715	1	0.07	15	0.10	9	115	0.33	165	78
111	173342	5	0.2	6.46	2	310	0.6	5	1.84	0.5	57	24	43	61	6.07	0.45	15	41	1.56	1511	2	0.07	30	0.07	9	115	0.35	193	246
112	173343	5	0.2	5.51	2	253	0.4	5	2.05	0.9	54	21	45	71	5.80	0.32	12	16	1.60	1795	3	0.07	35	0.06	9	140	0.35	185	163
113	173344 *¤	5	0.6	0.90	7	54	0.2	5	4.12	1.5	43	7	17	48	0.80	0.08	6	4	0.15	1529	2	0.03	11	0.10	3	64	0.04	28	45
114	173345 ¤	10	0.2	3.40	11	169	0.4	5	3.24	1.0	54	15	39	49	3.61	0.26	11	12	0.99	653	1	0.05	22	0.10	8	118	0.24	127	118
115	173346	5	0.6	4.21	7	182	0.6	5	2.93	2.2	57	20	45	120	3.85	0.24	12	13	0.97	1932	2	0.06	27	0.14	10	117	0.22	122	128
116	173347 *¤	5	0.4	1.54	13	85	0.4	5	3.77	1.8	48	10	36	62	1.37	0.11	8	6	0.24	1536	1	0.03	12	0.17	4	83	0.08	48	64
117	173348	5	0.2	3.47	2	204	0.2	5	1.26	0.3	45	11	43	58	4.95	0.24	10	8	0.98	415	1	0.04	23	0.11	9	93	0.40	219	81
118	173349 *¤	5	0.2	0.64	15	66	0.2	5	5.12	1.3	47	5	22	44	0.65	0.07	6	4	0.12	1615	1	0.02	7	0.11	2	95	0.03	36	55
119	173351	15	0.8	4.54	18	206	0.8	5	0.98	0.7	48	16	67	128	4.15	0.24	14	12	1.15	516	1	0.05	38	0.23	12	143	0.19	134	136
120	173352	5	0.2	3.48	6	190	0.4	5	0.91	0.3	45	16	52	51	4.97	0.26	11	8	0.71	945	1	0.04	19	0.27	7	120	0.33	159	93
121	173353	5	0.4	3.87	5	176	0.6	5	0.95	0.4	44	25	57	67	5.25	0.28	13	12	0.95	1691	1	0.05	25	0.25	6	96	0.30	155	107
122	173354	25	0.6	5.09	5	151	0.4	5	1.21	0.2	43	18	61	74	7.03	0.22	11	14	1.65	822	1	0.05	37	0.17	5	112	0.43	231	120
123	173355	5	0.2	4.78	5	174	0.4	5	0.99	0.4	44	17	79	68	5.96	0.29	12	13	1.28	1165	1	0.05	30	0.18	7	104	0.36	192	114
124	173356	5	0.2	4.38	5	189	0.3	5	1.15	0.2	46	20	65	60	6.11	0.28	12	12	1.24	1057	1	0.05	29	0.20	8	103	0.36	201	117
125	173357	5	0.2	4.28	6	170	0.3	5	1.29	0.3	47	12	55	44	5.37	0.23	12	10	1.04	559	1	0.06	23	0.13	9	127	0.43	228	84
126	173358	5	0.2	4.53	2	206	0.3	5	1.52	0.2	50	16	58	64	6.03	0.23	12	13	1.42	693	1	0.06	31	0.12	9	138	0.42	224	119
127	173359	5	0.2	3.99	43	113	0.5	5	2.28	0.9	59	25	55	101	4.64	0.22	13	18	1.75	1216	1	0.05	42	0.16	15	112	0.26	162	178
128	173360	10	0.2	4.00	25	75	0.5	5	2.01	0.6	55	27	41	109	4.95	0.17	14	15	2.22	1087	1	0.04	51	0.10	7	100	0.27	163	182
129	173361	5	0.2	4.34	9	134	0.4	5	0.94	0.7	44	17	67	67	5.96	0.23	12	13	1.03	811	1	0.04	27	0.18	12	87	0.35	185	127
130	173362	5	0.2	5.10	6	173	0.4	5	1.02	0.4	42	20	65	102	5.06	0.26	11	14	1.51	761	1	0.05	40	0.20	6	106	0.30	164	126
131	173363	5	0.2	5.70	10	174	0.8	5	1.81	0.8	58	49	48	208	6.27	0.27	13	20	2.34	1633	1	0.06	79	0.13	11	168	0.29	184	153

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
132	173364	10	0.2	5.19	8	179	1.2	5	0.74	0.8	60	35	65	132	5.30	0.28	18	16	1.27	1368	1	0.09	52	0.20	14	97	0.23	137	185
133	173365	5	0.2	4.87	20	212	0.8	5	1.23	0.4	59	18	85	59	5.88	0.35	17	18	1.27	847	2	0.07	37	0.27	14	138	0.37	201	148
134	173366	5	0.2	4.67	5	159	0.6	5	1.60	0.8	53	29	60	135	5.73	0.17	14	16	1.98	942	2	0.06	50	0.14	7	196	0.30	185	115
135	173367	5	0.2	5.58	6	161	0.6	5	1.15	0.5	54	17	67	93	5.09	0.23	16	15	1.18	555	1	0.05	33	0.16	10	126	0.32	180	109
136	173368	5	0.2	5.17	45	202	0.7	5	1.80	1.1	60	26	47	128	5.60	0.32	15	19	1.76	1093	1	0.05	44	0.25	17	137	0.31	196	235
137	173369	5	0.2	4.86	6	190	0.5	5	1.00	0.2	45	16	51	70	6.15	0.28	12	13	1.09	831	2	0.05	23	0.26	8	104	0.35	206	128
138	173370	5	0.2	5.20	6	203	0.5	5	1.31	0.2	54	16	53	77	5.93	0.25	14	15	1.39	614	1	0.05	30	0.16	15	122	0.39	213	139
139	173371	5	0.4	4.38	3	256	0.6	5	0.90	0.6	54	12	44	55	4.12	0.40	16	12	0.61	589	1	0.06	15	0.26	10	112	0.31	145	84
140	173372	5	0.2	4.59	5	243	0.4	5	0.99	0.5	48	13	64	58	7.49	0.28	13	11	0.92	553	1	0.05	23	0.31	7	181	0.46	282	84
141	174630	5	0.2	3.72	12	212	0.6	5	1.00	0.7	40	31	75	75	5.03	0.32	11	14	1.31	1654	2	0.04	39	0.34	35	94	0.33	165	125
142	174631	5	0.2	4.73	15	148	0.6	5	1.45	0.8	47	37	45	151	6.13	0.16	12	21	2.57	1351	2	0.06	59	0.08	46	128	0.37	208	225
143	174632	5	0.2	4.33	4	261	0.6	5	1.08	0.6	43	38	50	98	5.50	0.21	11	15	1.74	2563	2	0.04	29	0.22	7	67	0.34	216	113
144	174633	5	0.2	4.32	2	422	0.4	5	1.71	0.3	46	27	22	120	6.35	0.34	11	15	2.22	888	2	0.05	25	0.07	3	63	0.45	194	96
145	174634	5	0.2	4.56	10	394	0.5	5	0.94	0.6	61	28	155	97	5.20	0.25	19	22	2.79	826	1	0.05	105	0.06	7	97	0.31	166	92
146	174635	5	0.2	5.93	2	193	0.4	5	0.92	0.6	37	32	33	146	7.50	0.45	11	21	2.84	1533	1	0.08	39	0.11	4	46	0.35	376	126
147	174636	60	0.2	6.02	2	383	0.3	5	1.15	1.0	42	35	29	122	8.17	0.32	12	22	3.96	1422	1	0.04	39	0.08	46	42	0.48	415	229
148	174637	10	0.2	10.30	2	819	0.5	5	0.71	0.3	31	29	17	311	6.02	2.20	8	45	0.69	1857	2	0.35	28	0.11	5	20	0.11	461	86
151	174638	75	0.2	5.98	3	387	0.7	5	2.97	3.9	55	31	21	150	6.78	0.75	14	29	2.28	1967	2	0.10	26	0.14	76	192	0.40	219	645
152	174639	55	0.8	8.41	2	45	0.5	5	5.30	0.4	44	90	9	235	4.75	0.15	7	13	0.81	1546	1	0.06	26	0.08	8	184	0.16	92	172
153	174640	95	1.2	5.82	2	234	0.5	5	2.15	0.2	50	37	21	251	12.41	0.24	12	16	1.03	846	1	0.07	17	0.27	27	182	0.27	127	193
154	174641	5	0.2	4.55	2	174	0.4	5	1.17	0.2	34	18	8	63	4.20	0.42	7	17	1.04	502	1	0.06	7	0.29	2	53	0.30	110	79
155	174642	15	0.2	5.15	2	358	0.3	5	2.94	0.3	49	34	16	125	5.16	0.25	11	11	1.33	1258	1	0.49	24	0.09	2	141	0.37	125	96
156	174643	20	0.2	5.37	2	259	0.4	5	1.93	0.5	51	33	18	106	5.47	0.33	12	16	1.63	1375	1	0.15	18	0.14	3	120	0.27	152	147
157	174644	25	0.2	6.38	2	173	0.6	5	1.73	0.2	61	31	22	170	4.33	0.28	17	14	0.89	987	1	0.15	27	0.17	2	191	0.24	104	102
158	174645	15	0.2	7.78	2	108	0.5	5	4.12	0.5	47	40	9	125	4.52	0.16	11	14	1.19	945	1	0.13	19	0.11	2	214	0.24	110	101
159	174646	5	0.2	8.81	2	537	0.5	5	2.65	0.2	51	29	12	110	5.78	1.34	12	23	2.10	1370	1	0.11	27	0.10	2	153	0.38	174	108
160	174647	40	0.6	8.09	2	347	0.5	5	3.18	4.6	53	40	14	152	6.90	0.66	12	25	2.00	1943	1	0.14	27	0.11	160	261	0.30	205	884
161	174648	10	0.2	6.48	2	345	0.4	5	2.74	0.4	44	22	10	86	4.79	0.51	9	20	1.72	1263	1	0.05	15	0.11	2	180	0.32	124	346
162	174649	20	0.2	5.39	3	222	0.4	5	1.73	0.4	47	26	41	135	5.03	0.29	11	17	1.53	1214	1	0.10	34	0.15	12	146	0.28	145	177
163	174650	240	0.2	4.84	2	276	0.4	5	1.47	0.3	44	45	29	138	5.19	0.29	11	15	1.30	1906	1	0.06	30	0.19	14	111	0.27	142	201
164	174651	190	0.2	6.32	2	167	0.6	5	1.45	0.2	49	35	22	120	5.87	0.23	12	16	1.28	1223	1	0.06	26	0.15	9	105	0.29	147	196
165	174652	10	0.6	6.70	2	195	0.5	5	3.75	0.7	53	44	16	190	6.94	0.25	15	20	1.20	1181	1	0.40	46	0.11	2	273	0.34	114	197
166	174653	80	3.0	6.34	51	549	0.8	5	1.54	3.6	55	38	20	218	6.08	1.08	17	35	1.50	1927	2	0.05	36	0.15	302	102	0.24	146	756
167	174654	65	1.0	7.19	54	172	0.8	5	3.52	2.1	52	43	16	208	7.18	0.26	14	13	0.96	1539	1	0.10	59	0.13	23	268	0.22	96	345
168	174655	100	0.4	5.03	2	191	0.5	5	1.04	1.4	39	38	26	102	5.00	0.22	10	13	1.12	1748	1	0.06	23	0.19	26	98	0.28	129	463
169	174656	180	0.4	6.49	2	247	0.5	5	1.32	0.8	51	23	20	116	5.50	0.26	15	15	1.32	1016	1	0.08	30	0.11	12	104	0.32	140	185
170	174657	70	0.2	6.21	2	278	0.5	5	1.21	0.3	44	17	26	82	4.72	0.18	11	14	1.17	504	1	0.06	27	0.14	6	84	0.29	125	170
171	174658	55	0.2	5.35	12	317	0.5	5	2.13	1.1	61	23	29	122	4.87	0.37	17	20	1.55	920	1	0.21	29	0.08	21	162	0.28	148	155
172	174659	60	0.2	5.93	2	310	0.6	5	1.24	1.0	47	27	34	127	5.62	0.29	12	19	1.64	1214	1	0.06	33	0.13	21	121	0.30	177	237
173	174660	5	0.2	5.10	2	400	0.4	5	1.01	0.3	45	16	63	71	5.76	0.36	13	17	1.40	1315	1	0.06	22	0.13	10	135	0.39	224	133
174	174661	5	0.2	5.45	3	594	0.4	5	1.27	0.6	46	25	41	89	5.47	0.26	11	19	2.10	1127	1	0.10	35	0.10	9	128	0.32	181	145
175	174662	5	0.2	4.35	5	341	0.3	5	0.99	0.5	39	24	35	85	5.92	0.20	10	18	2.44	1121	1	0.08	31	0.09	3	52	0.38	211	113
176	174663	5	0.2	5.27	3	391	0.4	5	1.35	1.1	48	25	34	87	5.44	0.31	13	17	2.08	1371	1	0.08	29	0.15	19	96	0.36	190	192
177	174664	5	0.2	5.42	3	311	0.5	5	1.60	0.4	48	27	32	110	5.99	0.38	12	19	2.28	1241	1	0.05	31	0.18	8	118	0.33	204	149
178	174665	30	0.6	6.81	2	321	0.6	5	1.65	0.2	51	18	39	121	5.84	0.31	11	11	1.07	877	5	0.06	35	0.15	10	150	0.28	148	146

T.	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Ti	V	Zn	8409-024
).	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	Pg. 5 of 5
9	174666	25	0.2	5.15	6	464	0.5	5	1.70	0.4	50	19	36	81	5.07	0.31	12	10	0.91	1916	3	0.05	23	0.27	8	167	0.27	147	89	
0	174667	60	0.2	7.67	2	204	0.7	5	2.08	0.3	48	25	19	77	6.62	0.21	9	10	0.75	1022	2	0.04	19	0.13	15	107	0.21	112	162	
1	174668	5	0.2	7.12	2	404	0.6	5	1.98	0.5	47	32	26	160	5.84	0.48	11	20	1.41	1790	2	0.05	23	0.13	6	153	0.30	182	156	
2	174669	20	0.2	6.15	2	358	0.6	5	1.92	0.4	50	27	20	108	6.51	0.29	11	12	1.02	2239	2	0.06	17	0.13	12	161	0.29	153	158	
3	174670	10	0.2	6.37	2	523	0.7	5	2.16	0.6	48	23	31	85	5.51	0.21	11	15	1.37	1206	1	0.05	28	0.10	6	179	0.30	155	174	
4	174671	65	1.0	5.82	15	519	0.6	5	1.35	0.6	47	27	33	109	6.24	0.53	11	13	1.32	1448	3	0.07	33	0.12	15	129	0.27	152	185	
5	174672	45	2.8	8.82	2	579	0.6	5	2.94	0.2	49	87	106	150	6.75	0.51	9	12	0.92	2296	2	0.06	119	0.13	16	338	0.29	179	116	
6	174673 •	20	0.4	9.80	2	744	0.7	5	0.89	0.3	35	39	9	131	5.27	2.03	8	15	0.89	1187	1	0.06	34	0.19	3	95	0.23	123	134	
7	174674	70	2.4	8.28	2	606	0.5	5	0.96	0.2	37	13	34	99	8.35	0.79	10	10	0.63	1433	2	0.06	21	0.18	10	207	0.22	117	169	
8	174675 soil	25	1.0	6.86	2	470	0.4	5	1.19	0.2	43	11	35	56	5.59	0.66	11	12	0.87	639	2	0.05	21	0.13	20	136	0.30	165	147	

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: GRANITE BASIN – 45574 **Geol.:** G.G. **Date received:** OCT. 19 **LAB CODE:** 9410–021

Material: 49 Soils **Sheet:** 1 of 2 **Date completed:** OCT. 26

Remarks: • Sample screened @ –35 MESH (0.5 mm)

¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	174001 TF	5	0.4	5.97	11	146	0.5	5	2.89	1.3	43	41	24	152	6.40	0.39	12	19	2.28	1355	1	0.06	44	0.11	27	191	0.41	199	216
4	174002 TF	5	0.6	5.86	50	153	0.5	5	2.51	2.3	45	43	18	131	5.98	0.48	12	21	2.11	1468	1	0.07	32	0.11	66	215	0.34	173	681
5	174003	5	0.6	5.91	60	145	0.4	5	2.74	2.3	43	39	18	141	5.95	0.43	12	21	2.13	1409	1	0.12	33	0.11	46	210	0.34	178	613
6	174004 TF	5	0.8	5.71	44	448	0.5	5	2.26	1.8	46	43	35	190	6.24	0.80	12	25	2.16	1451	1	0.07	51	0.12	45	184	0.30	196	381
7	174005 TF	5	0.4	6.30	26	372	0.4	5	3.35	1.1	41	32	16	118	5.59	0.55	11	19	1.93	1195	1	0.11	24	0.10	13	241	0.29	182	178
8	174006 TF	5	0.6	5.87	21	520	0.4	5	2.79	1.1	45	38	33	148	6.60	0.53	12	21	2.55	1335	1	0.11	46	0.11	16	196	0.37	204	218
9	174007	15	0.8	6.66	26	249	0.4	5	0.73	0.4	37	13	51	76	5.31	0.16	12	18	1.45	607	1	0.05	23	0.10	15	58	0.31	160	135
10	174008	5	0.4	5.89	17	339	0.4	5	1.81	0.6	42	29	33	115	5.93	0.40	13	22	2.39	1327	1	0.11	36	0.12	14	169	0.35	197	179
11	174009 A Hrz	120	0.6	4.73	24	279	0.5	5	2.05	1.0	46	31	34	123	4.91	0.42	13	16	1.37	1775	1	0.14	30	0.15	25	147	0.25	136	203
12	174010 A Hrz	20	0.4	3.97	22	275	0.4	5	1.09	0.4	38	17	42	82	4.97	0.29	12	16	1.16	1260	1	0.05	29	0.14	11	87	0.29	136	213
13	174011	25	0.8	7.43	18	231	0.7	5	1.39	0.3	39	28	43	123	5.16	0.33	10	19	1.70	647	1	0.07	40	0.10	15	94	0.30	166	166
14	174012	10	0.6	6.78	13	232	0.5	5	1.16	0.2	38	21	50	88	5.64	0.30	11	24	1.58	654	1	0.07	34	0.10	8	81	0.33	177	224
15	174013	50	0.4	7.29	14	172	0.5	5	1.00	0.2	36	16	51	65	6.34	0.32	11	27	1.17	483	1	0.06	24	0.13	5	81	0.32	189	147
16	174014	5	0.4	6.95	11	177	0.5	5	0.95	0.2	34	24	89	118	6.55	0.35	9	47	2.43	828	1	0.06	58	0.13	3	63	0.30	231	122
17	174015	50	0.4	5.99	11	126	0.3	5	1.24	0.2	36	13	48	56	5.79	0.19	9	18	1.28	532	1	0.06	23	0.10	8	84	0.34	170	101
18	174016	5	0.2	4.69	8	178	0.3	5	1.42	0.2	39	13	48	74	4.79	0.24	10	12	1.32	451	1	0.09	29	0.18	5	99	0.31	155	69
19	174017	5	0.2	4.12	13	357	0.4	5	1.80	0.5	42	23	57	148	3.94	0.37	10	16	1.20	1077	1	0.07	34	0.19	7	127	0.23	136	101
20	174026	1400	4.0	5.39	37	567	0.5	5	2.43	8.5	48	29	21	285	6.11	0.73	14	18	1.83	1817	1	0.10	28	0.18	12	272	0.27	156	1260
21	174027	90	1.0	6.06	37	554	0.6	5	2.66	1.2	47	32	25	161	6.15	0.73	16	20	1.88	1298	1	0.11	45	0.12	11	247	0.27	162	258
22	174028	55	0.8	4.54	35	504	0.4	5	2.66	1.4	46	25	26	140	5.08	0.57	13	15	1.53	1045	1	0.12	35	0.11	10	209	0.25	136	220
23	174029	25	0.6	4.81	21	483	0.4	5	2.23	1.3	46	25	29	110	5.21	0.58	13	16	1.82	1135	1	0.12	35	0.10	8	190	0.30	155	199
24	174030	35	0.6	5.40	33	540	0.5	5	3.71	1.2	45	30	30	139	5.80	0.68	14	18	1.99	1169	1	0.12	43	0.11	12	243	0.30	165	225
25	174031	30	0.8	5.55	32	547	0.5	5	3.29	1.1	45	30	28	138	5.84	0.69	14	19	2.03	1177	1	0.13	42	0.11	10	243	0.31	168	228
26	174032	50	0.8	5.21	61	533	0.5	5	4.10	1.9	42	29	38	135	5.55	0.61	12	18	2.06	1143	1	0.13	56	0.11	19	204	0.28	159	378
27	174033	10	0.6	3.40	40	324	0.3	5	2.99	1.9	43	24	24	116	3.91	0.37	10	11	1.10	1431	1	0.14	33	0.13	15	128	0.17	101	288
28	174034	20	0.4	4.23	89	385	0.5	5	2.28	3.6	48	28	31	96	4.59	0.45	13	13	1.30	2092	2	0.14	25	0.16	24	134	0.23	124	257
29	174035	30	0.4	5.42	27	346	0.4	5	1.63	0.8	47	26	39	100	5.74	0.39	13	22	2.09	978	1	0.12	31	0.12	40	151	0.32	188	245
30	174036	30	0.2	3.43	9	146	0.2	5	1.56	0.2	44	9	41	29	3.46	0.17	14	7	0.78	431	1	0.06	12	0.06	12	124	0.40	186	63
31	174037	10	0.2	4.22	6	151	0.2	5	1.27	0.3	40	8	52	33	4.03	0.23	11	10	0.78	496	1	0.06	14	0.08	9	103	0.43	204	78
32	174038	5	0.2	4.09	6	276	0.2	5	1.43	0.5	41	12	61	34	4.78	0.30	12	15	1.29	573	1	0.06	21	0.09	9	115	0.39	211	128
33	174039	5	0.4	4.09	9	102	0.2	5	1.39	0.2	37	14	43	58	5.88	0.19	9	11	1.21	542	1	0.04	17	0.12	2	102	0.46	265	65
34	174040	5	0.2	5.12	7	171	0.3	5	1.80	0.2	37	24	28	93	5.38	0.30	9	17	1.97	1275	1	0.08	19	0.17	2	149	0.30	204	92
35	174041	5	0.2	5.30	8	148	0.4	5	2.93	0.3	38	25	15	150	5.03	0.17	9	16	2.11	981	1	0.05	20	0.10	2	186	0.34	195	72
36	174042	40	0.2	4.12	10	103	0.4	5	2.34	0.6	39	23	20	138	4.07	0.34	8	14	1.75	1057	1	0.03	21	0.12	6	111	0.23	157	74
37	174044	5	0.2	6.27	12	72	0.4	5	3.48	0.4	37	30	21	135	5.21	0.29	9	18	2.57	994	1	0.06	33	0.09	2	189	0.33	187	77

28/10 GG GB

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
38	174045	5	0.2	5.90	9	93	0.5	5	3.26	0.4	39	33	38	152	5.96	0.26	10	18	3.01	1163	1	0.05	40	0.10	2	176	0.36	222	92
39	174046	5	0.2	6.87	12	201	0.5	5	2.75	0.5	43	32	25	138	6.03	0.71	11	23	2.50	1374	1	0.05	25	0.10	4	151	0.27	228	105
40	174047	15	0.4	6.43	13	162	0.4	5	2.39	0.6	45	35	43	145	6.53	0.53	12	21	3.07	1346	1	0.05	36	0.10	5	165	0.30	240	107
41	174048	5	0.4	4.40	7	164	0.4	5	2.21	0.2	37	26	54	120	4.76	0.25	9	12	1.76	1599	1	0.04	21	0.17	2	151	0.25	176	70
42	174049	5	0.4	6.35	6	100	0.4	5	2.84	0.2	38	34	16	180	5.81	0.24	10	18	2.18	1107	1	0.10	21	0.08	2	234	0.34	187	77
43	174050	15	0.2	6.22	2	131	0.4	5	2.50	0.2	38	22	32	111	4.98	0.18	11	15	1.65	747	1	0.06	24	0.10	5	156	0.30	173	75
44	174076	10	0.4	3.97	8	128	0.3	5	1.68	0.2	40	15	64	60	5.87	0.19	12	11	1.57	602	1	0.07	28	0.14	3	128	0.39	224	72
45	174077	5	0.2	4.40	4	141	0.3	5	1.82	0.2	44	13	71	53	5.02	0.17	12	12	1.42	520	1	0.07	29	0.09	4	148	0.38	200	63
46	174078	10	0.4	4.25	8	126	0.3	5	1.98	0.2	42	15	60	64	6.47	0.16	12	11	1.39	612	1	0.07	27	0.12	3	141	0.43	248	79
47	174079	15	0.4	4.05	6	156	0.3	5	1.73	0.3	43	13	57	47	6.06	0.18	13	10	1.17	814	1	0.06	21	0.15	2	122	0.46	250	66
48	174080	15	0.4	3.99	6	130	0.3	5	2.16	0.4	44	15	55	42	5.66	0.16	13	17	1.21	639	1	0.07	24	0.09	3	132	0.41	244	96
51	174081	15	0.4	3.70	4	108	0.2	5	1.83	0.2	43	7	72	32	4.58	0.16	12	6	0.62	383	1	0.06	12	0.07	4	150	0.47	260	46
52	174082	55	0.4	4.33	8	109	0.3	5	1.83	0.2	42	11	80	36	6.00	0.16	12	11	1.12	500	1	0.07	22	0.07	3	138	0.47	262	65
53	174083 RE	5	1.4	1.20	2	114	0.2	5	1.10	0.4	29	4	26	17	1.17	0.14	6	3	0.21	156	1	0.03	6	0.08	3	67	0.14	63	44

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: GRANITE BASIN – 45574 **Geol.:** L.E. **Date received:** SEP. 16 **LAB CODE:** 9409–027
Material: 1 Rock **Sheet:** 1 of 1 **Date completed:** SEP. 22
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)
ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

ET. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
96	173373	5	0.2	4.80	2	514	0.4	5	1.03	0.6	50	5	53	49	5.17	1.40	14	16	1.46	465	1	0.06	9	0.10	2	53	0.43	166	80

8/09 GG GA 1

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # ______________ N.T.S. 94C/5

LAB REPORT # ______________ DATE Sept. 12/94

PROJECT Granite Basin

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
R173373	Siltstone, rusty weathering surface, Mn on ff abundant fracs	—	o/c	Grab								LE

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: GRANITE BASIN – 45574 **Geol.:** G.G. **Date received:** SEP. 09 **LAB CODE:** 9409–015
Material: 34 Rx **Sheet:** 1 of 2 **Date completed:** SEP. 21
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
48	169751	20	0.4	5.65	3	18	0.4	5	5.60	0.8	91	23	26	113	5.73	0.07	12	11	1.98	1129	2	0.06	27	0.11	4	105	0.45	231	64
51	169752	10	0.8	4.87	6	623	0.3	5	2.44	1.0	64	19	24	75	6.02	0.91	12	12	1.69	504	5	0.29	16	0.09	4	91	0.32	175	110
52	169753	20	0.2	4.61	2	283	0.3	5	2.35	0.5	62	12	100	21	3.99	0.47	10	9	1.29	558	1	0.50	36	0.08	2	81	0.22	97	61
53	169754	60	0.2	5.65	2	665	0.2	5	1.42	0.2	51	15	216	56	6.49	1.78	9	5	0.34	132	18	0.22	64	0.07	2	79	0.26	142	31
54	169755	110	0.6	7.24	2	685	0.2	5	2.41	0.5	67	14	18	93	5.36	2.50	12	9	0.71	373	4	0.09	11	0.08	6	59	0.30	194	38
55	169757	50	0.6	4.81	2	1011	0.2	5	1.32	0.5	48	14	11	69	4.52	1.73	7	3	0.21	609	5	0.13	9	0.08	8	88	0.32	134	76
56	169876	570	2.6	5.18	51	1002	0.2	5	0.91	1.8	43	14	62	63	7.59	1.36	9	8	0.60	893	8	0.21	25	0.09	115	185	0.21	144	389
57	169877	300	1.2	5.17	40	637	0.2	5	0.56	2.3	34	12	54	53	6.18	1.47	8	9	0.82	772	3	0.15	15	0.08	21	118	0.18	142	460
58	169878	170	0.8	5.29	14	461	0.2	5	1.18	2.0	49	17	44	54	7.56	0.86	9	10	1.25	1110	2	0.16	17	0.08	9	98	0.22	130	557
59	169879	40	0.2	4.67	13	223	0.2	5	1.52	2.0	52	17	62	51	8.67	0.45	12	11	1.57	1030	9	0.19	24	0.07	7	75	0.24	135	411
60	169880	950	13.0	9.11	91	4058	0.2	5	0.38	0.6	27	12	36	55	5.25	3.71	11	11	1.31	578	6	0.15	20	0.11	81	92	0.28	151	268
61	169881	3700	50.0	10.39	205	4780	0.5	5	0.31	1.2	29	10	48	97	6.45	4.35	11	12	1.22	527	5	0.14	16	0.13	545	79	0.36	173	471
62	169882	9800	27.6	11.64	268	4239	0.3	5	1.57	0.5	62	8	43	42	5.19	4.76	12	13	1.34	626	7	0.15	14	0.10	216	64	0.37	172	190
63	169883	7300	11.8	9.10	134	2872	0.3	5	4.18	0.7	93	13	50	46	5.67	2.68	13	21	1.63	824	8	0.25	27	0.10	52	210	0.38	159	101
64	169884	190	3.6	6.47	35	816	0.3	5	2.21	0.4	73	17	56	40	5.14	0.85	12	20	1.80	1009	9	0.45	30	0.10	19	137	0.29	128	96
65	169885	100	1.2	4.89	50	335	0.5	5	14.00	0.5	128	17	48	37	3.85	0.80	10	16	1.43	1527	5	0.35	26	0.08	8	133	0.22	101	91
66	174678	5000	38.4	8.91	101	738	0.2	5	1.82	0.3	54	8	40	68	5.33	3.43	6	5	0.32	484	10	0.15	12	0.05	25	113	0.37	208	36
67	174679	5100	28.0	10.50	130	816	0.2	5	0.12	0.2	22	4	47	16	2.75	4.72	5	5	0.43	112	11	0.19	11	0.04	80	49	0.43	244	19
68	174680	3100	12.6	7.48	99	331	0.2	5	0.15	0.2	16	4	43	9	2.32	3.35	3	3	0.29	72	2	0.15	11	0.04	55	34	0.25	161	13
69	174681	2230	14.0	7.85	137	337	0.2	5	0.10	0.2	11	7	42	16	2.94	3.39	3	2	0.25	76	4	0.15	14	0.04	30	35	0.21	172	14
70	174682	3700	22.0	6.93	254	319	0.2	5	0.11	0.2	13	10	42	25	5.05	2.99	3	3	0.21	78	5	0.14	13	0.05	103	32	0.21	155	81
71	174683	30	0.8	5.34	2	77	0.6	5	4.18	0.5	83	13	13	104	4.68	0.23	14	10	0.95	1188	5	0.09	12	0.10	4	90	0.29	119	70
72	174684	120	0.6	7.47	15	316	0.5	5	4.04	0.5	80	8	57	58	5.33	1.01	12	16	2.01	1056	4	0.07	45	0.09	8	34	0.29	175	74
73	174685	360	4.0	9.24	48	1228	0.2	5	0.35	0.2	22	14	47	21	5.37	3.96	6	7	0.65	393	64	0.15	28	0.07	22	50	0.34	241	44
74	174686	270	2.0	8.83	3	960	0.2	5	0.49	0.2	23	7	37	77	7.37	3.01	7	7	0.36	211	7	0.32	8	0.08	9	119	0.10	210	33
75	174687	450	3.6	8.28	16	573	0.2	5	0.19	0.3	15	10	42	41	4.82	2.66	5	5	0.13	53	4	0.49	13	0.05	9	102	0.07	168	58
76	174688	1200	4.6	10.74	6	832	0.3	5	0.28	0.5	23	8	32	21	4.72	3.28	6	13	0.68	374	6	0.58	12	0.05	9	120	0.08	219	49
77	174689	20	0.4	9.79	2	1049	0.2	5	0.07	0.2	16	10	37	47	5.28	4.02	6	5	0.31	99	2	0.27	13	0.06	13	63	0.10	211	15
78	174690	20	0.4	7.63	5	312	0.4	5	4.54	0.8	95	16	39	111	4.54	0.84	14	8	0.78	689	4	0.32	25	0.09	7	176	0.21	127	30
79	174691	20	1.2	7.80	2	347	0.3	5	3.13	0.5	82	14	46	70	4.86	1.29	14	9	0.69	469	2	0.38	24	0.10	12	128	0.19	139	48
80	174692	10	0.6	7.93	2	409	0.4	5	3.22	0.6	80	17	48	97	5.46	1.12	14	11	0.85	350	5	0.55	32	0.11	11	157	0.12	114	51
81	174693	5	0.8	3.33	3	110	0.3	5	2.46	0.5	66	19	30	85	4.17	0.35	11	14	0.89	453	1	0.27	17	0.08	3	86	0.38	171	68
82	174694	5	0.2	5.15	2	70	0.3	5	3.67	0.9	79	18	27	178	5.45	0.30	13	16	1.87	912	1	0.46	19	0.10	2	121	0.32	159	86
83	174695	5	1.2	3.70	14	550	0.5	5	8.49	0.9	114	42	258	35	6.54	0.54	13	47	4.34	1695	1	0.06	127	0.10	9	59	0.11	184	135
84	174696	5	0.8	4.21	2	261	0.3	5	3.09	0.3	75	15	18	53	5.08	0.47	12	14	1.44	745	1	0.18	13	0.09	25	64	0.36	161	118

3/09 44 46

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
85	174697	5	0.6	4.04	5	120	0.3	5	2.88	0.7	80	20	10	75	4.96	0.43	16	10	1.55	608	1	0.34	9	0.12	6	133	0.59	181	75
86	174698	150	0.2	4.68	2	72	0.3	5	2.14	1.0	64	15	15	96	5.85	0.48	12	16	1.74	717	1	0.31	11	0.09	2	67	0.38	192	78
87	174699	5	0.2	3.01	9	81	0.2	5	2.60	1.2	70	32	33	59	6.11	0.17	12	14	3.15	949	1	0.21	33	0.07	4	39	0.32	192	137

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 94C/~~E~~5

PROPERTY Granite basin

DATE Sept 1/94

ROCK SAMPLE REPORT

PROJECT #574

MPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
69751	Sediments. Moderately propylitic and weakly sericitic. Epidote is pervasive and locally strong. Minor qtz/carb veins, extreme rust on fracture faces and weathered surface.	tr	Py	GRAB								R.L.
69752	Sediments. Weak carbonate in limey siltstone / limestone package. 5% pyrite extremely finely disseminated. Limy conglomerate also present locally.	5	Py	GRAB								P.G.M.

G - GEOCHEM A - ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 574

N.T.S. 94C 5

LAB REPORT # _____

DATE Aug 31/94

PROJECT GRANITE BASIN

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
169876	Strongly fractured and sheared, Rusty on	3	CHIP	2.0								RL
	weather surface, weakly calcareous on											
	Fracture faces, weakly to moderately											
	Silicified, with weak sericitization in											
	parts. Py pervasive, with some jarosite											
	(pods) resulting approx. 50% of											
	host rock (ORIGINAL HOST TO IDENTIFY											
169877	Same as ABOVE	3	Chip	2.0								RL
169878	SAME AS ABOVE	3	Chip	2.0								RL
169879	SAME AS ABOVE	3	Chip	2.0								RL
169880	Strongly fractured and sheared, Rusty on	4	Chip	2.0								
	weathered surface, patchy sericitization											
	moderately to strongly silicified,											
	Py pervasive throughout, with pods											
	containing up to 50% Py.											
	Py in two phases, a coarse grained and											
	a fine grained phase.											
	ORIGINAL ROCK TYPE IS POSSIBLY ANDESITE,											
	WEAK UNS TO FRACTURED/ALTERED TO IDENT)											
169881	SAME AS ABOVE	4	Chip	2.5								
169882	SAME AS ABOVE	4	Chip	2								
169883	SAME AS ABOVE	4	Chip	3								
169884	SAME AS ABOVE	3	Chip	2								
169885	FELDSPAR PORPHYRY? highly silicified,	2	GRAB									
	Py pervasive.											

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 574

LAB REPORT # _____

N.T.S. 94C/5

DATE Sept. 2/94

PROJECT Granite Basin

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)							SAMPLED BY
169753	Andesite? Weak propylitic alteration with weak sericite and moderate silica. Extreme rust on fracture faces and weathered surface	2	Py	GRAB							P.G.M.
169754	Andesite? Moderate propylitic and silicified with weak sericite. Extreme rust on weathered surface and fracture faces	5	Py	GRAB							P.G.M.
169755	Diorite? As Above.	5	Py	GRAB							P.G.M.
169757	Diorite? Weakly propylitic and sericite altered, moderately silicified.	10	Py	GRAB							P.G.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 574

N.T.S. 94C/~~E~~5

LAB REPORT # _____

DATE Aug 31/94

PROJECT GRANITE BASIN

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
174678	Shear Zone #3 Intense alteration and shearing makes identification of rock type impossible. Moderate sericite and silica. Pyrite extremely fine disseminated throughout. Possible molybdenite	20	Py	1.0m chip								P.G.M.
174679	Shear Zone #3 Qtz stringers. Pyrite very fine grained and disseminated in patches	15	Py	1.0m chip								P.G.M.
174683	Hanging wall of Shear Zone. Shear, silica, carbonate filling randomly oriented fractures. Extreme alteration and fracturing makes identification impossible	5	Py	1.0m chip								P.G.M.
174684	Hanging wall of Shear Zone Qtz stringers.	5	Py	1.0m chip								P.G.M.
174686	Shear Zone #2 Moderately sericite altered. Extreme shearing and alteration makes identification impossible. Pyrite extremely finely disseminated	10	Py	1.0m chip								P.G.M.

NORANDA EXPLORATION COMPANY. LIMITED

PROJECT # 574

LAB REPORT # _____

N.T.S. 94C/5

DATE Aug 31/94

PROJECT Granite Basin

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
174687	Shear Zone #2 Strong sericite alteration and shearing makes ident. impossible. Py disseminated throughout, very fine grained.	10	Py	1.0m chip								P.G.M
174688	Shear Zone #2 As above. Moderate sericite and silica	15	Py	1.0m chip								P.G.M
174689	Shear Zone #2 Moderate sericite, pyrite extremely finely disseminated Alteration and shearing makes identification of original rock type impossible.	20	Py	1.0m chip								P.G.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # _____

LAB REPORT # _____

N.T.S. 94C/5

DATE Sept 2/94

PROJECT Granite Basin

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)							SAMPLED BY
174680	Shear zone #3 - light grey; yellow to orange W.S. Clear Qz veinlets, local ghosty euhedral Fs, locally silicified	5 Py	Chip	1.0							LE
174681	Shear zone #3 - Similar to 174680 but more pyritic and less silicified. Argillic altn	10 Py	Chip	1.0							LE
174682	Shear zone #3 - Similar to 174681 but generally non-silicified. Splchs of muscovite	15 Py	Chip	1.0							LE
174685	Shear zone #3 - different location than 174680 to 174682 Light grey with yellow W.S. Argillically altered, no silicification May have been a volc. tuff.	5 Py	Chip	1.0							LE
174690	Shear zone #2 - Medium grey, rust yellow W.S. Locally 15% Py, ghosty Fs, locally silicified	5 Py	Chip	1.0							LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # _____ N.T.S. 94C/5

LAB REPORT # _____ DATE Sept. 2/94

PROJECT Granite Basin

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
174691	Shear zone #2 - Similar to 174690 but very rusty W.S. Locally Fs exhibit a weak "stretched" lineation.	10 Py	chip	1.0								LE
174692	Shear zone #2 - Similar to 174691, locally silicified	10 Py	chip	1.0								LE
174693	Volcaniclastic & rusty W.S. fg to cg d Py, Fs rich rare phenocrysts of Px but overall fg	10 Py	Grab									LE
174694	Sediment/tuff - rusty W.S., fg, mod-strg, approx. 40% Fs, silicified, fuzzy txt., v fg to fgd Py	7 Py	Grab									LE
174695	Qtz-andalusite alt. zone, 4m width, carb. veinlets, no sulfides	-	Grab									LE
174696	Diorite, footwall of 174695 fg to mgd Py, rusty W.S.	2 Py	Grab									LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # _____ N.T.S. 94c/5

LAB REPORT # _____ DATE Sept. 2/94

PROJECT Granite Basin

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
174697	Andesite tuff – med grey with very rusty W.S. Approx 30% ≤1mm Fr. 15% v/gd Py, also 2% f.gd Py	15 Py	Grab									LE
174698	Sediment(?) – v/fg, light grey green, v/g Py, extremely fract.y Carb gg	5 Py	Grab									LE
174699	Fs xtl tuff – Fs xtls and frags to 4mm, 1% broken mafics, local 5% v/gd Py but avg 2% Py	2 Py	Grab									LE

APPENDIX III

STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED
STATEMENT OF COSTS

PROJECT: GRANITE BASIN DATE: NOVEMBER 1994

TYPE OF REPORT: GEOLOGICAL, GEOCHEMICAL, LINECUTTING

a) Wages:

No. of Mandays :	27 mandays		
Rate per Manday:	$220.55/manday		
Dates From :			
Total Wages :	27 mandays x $220.55/manday		$5,955.00

b) Food & Accommodations:

No. of Mandays :	27 mandays		
Rate per Manday:	$16.80/manday		
Dates From :			
Total Costs :	27 mandays x $16.80/manday		$453.60

c) Transportation:

No. of Mandays :	27 mandays		
Rate per Manday:	$17.41/manday		
Dates From :			
Total Costs :	27 mandays x $17.41/manday		$470.07

d) Instrument Rental:

Type of Instrument:
No. of Mandays :
Rate per Manday:
Dates From :
Total Costs :

Type of Instrument:
No. of Mandays :
Rate per Manday:
Dates From :
Total Costs :

e)	Analysis: (See attached schedule)		$3,657.60
f)	Cost of Preparation of Report:		
	Author :		$520.00
	Drafting:		$220.00
	Typing :		$200.00
g)	Other:		
	Contractor:	Pacific Western Helicopters Ltd. 1.8 hours x $702.00/hour including fuel	$1,264.68
		TOTAL COST	**$12,740.95**
h)	Unit Costs for Linecutting:		
	No. of Mandays :	6 mandays	
	No. of Units :	18.35 km	
	Unit Costs :	$110.00/km	
	Total Cost :	18.35 km x $110.00/km	$2,018.52
i)	Unit Costs for Geochem:		
	No. of Mandays :	9 mandays	
	No. of Units :	262 samples	
	Unit Costs :	$25.52/sample	
	Total Cost :	262 samples x $25.52/sample	$6,686.24
j)	Unit Costs for Geology:		
	No. of Mandays :	12 mandays	
	No. of Units :	12 mandays	
	Unit Costs :	$336.42/manday	
	Total Cost :	12 mandays x $336.42/manday	$4,037.04
		GRAND TOTAL	**$12,740.95**

NORANDA EXPLORATION COMPANY, LIMITED

DETAILS OF ANALYSIS COSTS

PROJECT: GRANITE BASIN

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL COSTS
ICP (30 Element) + Geochem Au	227 Soils	$13.80	$3,132.60
ICP (30 Element) + Geochem Au	35 Rocks	$15.00	$ 525.00
			$3,657.60

APPENDIX IV

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, D. Graham Gill of the City of Vancouver, Province of British Columbia, hereby certify that:

I am a geologist residing at 5442 - 7th Avenue, Delta, B.C.

I have graduated from the University of British Columbia in 1983 with a BSc in geology.

I have worked in mineral exploration since 1979.

I have been a temporary employee with Noranda Exploration Company, Limited since May, 1983 and a permanent employee since November 1987.

I am a member in good standing of the Professional Engineers & Geoscientist of British Columbia.

D. Graham Gill, P.Geo.

BASIN 1

BASIN 2

GRANITE
BASIN 3

1300

1800

1700

Road

N

ADIT NO.2
169876-85 ADIT NO.1 UG=6.86g/12.2m.

Shear Zone No.1
4.5g/4.6m.

Shear Zone No.2
1.45g/2.0m.
6.68g/1.2m.

Shear Zone No.2
19.5g/0.7m.

Shear Zone No.2
5.5g/4.0m.

Shear Zone N0.3
1.8g/11.0m.
3.1g/3.0m.
4.72g/2.0m.

Shear Zone No.3
5.5g/5.0m.

N.S.

SAMPLE NO.	(Au ppb)	TYPE	WIDTH	LOCATION
169751	20	grab		
169752	10	grab		
169753	20	grab		
169754	60	grab		
169755	110	grab		
169757	50	grab		
169876	570	chip	2.0m.	SHEAR #1
169877	300	chip	2.0m.	"
169878	170	chip	2.0m.	"
169879	40	chip	2.0m.	"
169880	950	chip	2.0m.	"
169881	3700	chip	2.5m.	"
169882	9800	chip	2.0m.	"
169883	7300	chip	3.0m.	"
169884	190	chip	2.0m.	"
169885	100	grab		"
174678	5000	chip	1.0m.	SHEAR #3
174679	5100	chip	1.0m.	"
174680	3100	chip	1.0m.	"
174681	2230	chip	1.0m.	"
174682	3700	chip	1.0m.	"
174683	30	chip	1.0m.	"
174684	120	chip	1.0m.	"
174685	360	chip	1.0m.	"
174686	270	chip	1.0m.	SHEAR #2
174687	450	chip	1.0m.	"
174688	1200	chip	1.0m.	"
174689	20	chip	1.0m.	"
174690	20	chip	1.0m.	"
174691	20	chip	1.0m.	"
174692	10	chip	1.0m.	"
174693	5	grab		
174694	5	grab		
174695	5	grab		
174696	5	grab		
174697	5	grab		
174698	150	grab		
174699	5	grab		
173373	5	grab		

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,652

LEGEND

1	Tuff, argillite,limestone	□169754	Rock sample and number
2	Diorite	△55	Soil sample and value
3	Andesite volcanics	~~	Fault
4	Porphyritic diorite	18 / 23	Bedding
	Ankerite alteration	-----	Contacts

SYMBOLS

100 0 100 200 300 400M.

REVISED

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D.G. GILL

GRANITE BASIN
GOLD VALUES

PROJ.No. 574
N.T.S. 94C/5W
DWG No. 4

SURVEY BY: G.G DATE: DEC./94
DRAWN BY: G.M. SCALE: 1:5000

HEMLO GOLD MINES INC.
OFFICE: VANCOUVER

BASIN 1

BASIN 2

GRANITE BASIN 3

1300

1800

1700

Road

ADIT NO.2
169876-85
ADIT NO.1 UG=6.86g/12.2m.

Shear Zone No.1
4.5g/4.6m.

Shear Zone No.2
1.45g/2.0m.
6.68g/1.2m.

Shear Zone No.2
5.5g/4.0m.

Shear Zone No.2
19.5g/0.7m.

Shear Zone N0.3
1.8g/11.0m.
3.1g/3.0m.
4.72g/2.0m.

Shear Zone No.3
5.5g/5.0m.

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,652

LEGEND

1	Tuff, argillite,limestone
2	Diorite
3	Andesite volcanics
4	Porphyritic diorite
	Ankerite alteration

SYMBOLS

169754	Rock sample and number
168594	Soil sample and number
~ ~	Fault
18	Bedding
-----	Contacts

100 50 0 100 200 300 400M.

REVISED

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D.G. GILL REGISTERED

GRANITE BASIN

GEOLOGY & SAMPLE LOCATIONS

PROJ.No. 574
N.T.S. 94C/5W
DWG No. 3

SURVEY BY: G.G.
DRAWN BY: G.M.
DATE: DEC.7,1994
SCALE: 1:5000

HEMLO GOLD MINES INC.
OFFICE: VANCOUVER