GEOLOGICAL, GEOCHEMICAL AND DRILLING REPORT

ON THE

GRANITE BASIN PROPERTY

N.T.S.: 94C/5

DECEMBER, 1995

56° 28'
125° 55'

Author: L. Erdman, MSc.
Operator: Hemlo Gold Mines Inc./Canasil Resources

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1.0 INTRODUCTION

During the period of June 15, 1995 to September 9, 1995, Hemlo Gold Mines Inc. and Britton Brothers Diamond Drilling conducted a programme of linecutting, detailed mapping, rock sampling and diamond drilling. A total of 1.235 line km were established for mapping purposes, 103 chip samples were collected and 2 holes were drilled, totaling 182.9 m.

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 94C05W. 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 Fort St. James, B.C. The final 3.6 km is accessible by 4-wheel drive only.

The geological and drilling crews were housed at a temporary exploration camp located at the southeast end of Johanson Lake, approximately 35 km by road north of the Granite Basin Property. Geological personnel accessed the property by road, drill crew changes and drill moves were achieved via a helicopter based at Johanson Lake.

1.2 Topography and Physiography

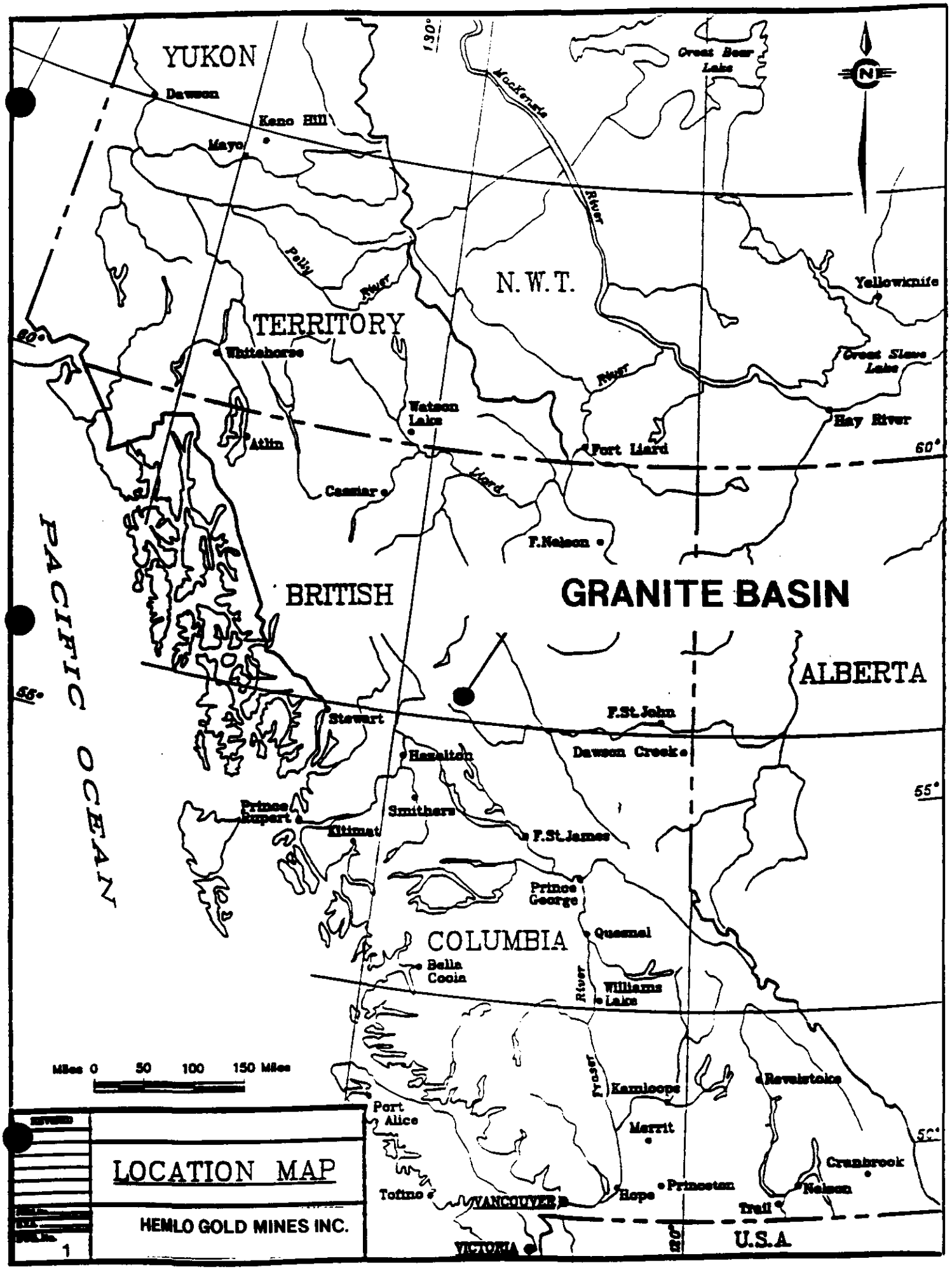
The Granite Basin Property is situated within the Osilinka Ranges and covers 2 northeast trending ridges separated by a cirque valley, as well as several northeasterly trending drainage's flowing into Lay Creek. Topography is steep to precipitous over the ridged areas, but is subdued to fairly flat in creek valleys and on the eastern edge of the property, toward Lay Creek. Elevations range from 1200 meters in the valley of Lay Creek to 2180 meters on the western edge of the property. The higher elevations are devoid of vegetation, or are covered by grasses and mountain willow. At lower elevations mature conifer forests are dominant. Intervening elevations are covered by dense growths of sub-alpine lodgepole 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 completed. A drift of 110 feet was driven without reaching bedrock.

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 intersected (6.86 gpt/12.2m).



LOCATION MAP

HEMLO GOLD MINES INC.

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

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

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

1971-73: Union Minere and Stellac Exploration 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 was completed to the southeast of the 1936 trenching.

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

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

1993-94: Noranda Exploration Co., Ltd. as agents for Hemlo Gold Mines Inc. staked the surrounding ground (Basin 1-3), conducted a geochemical soil survey, collected rock samples, and completed reconnaissance style mapping.

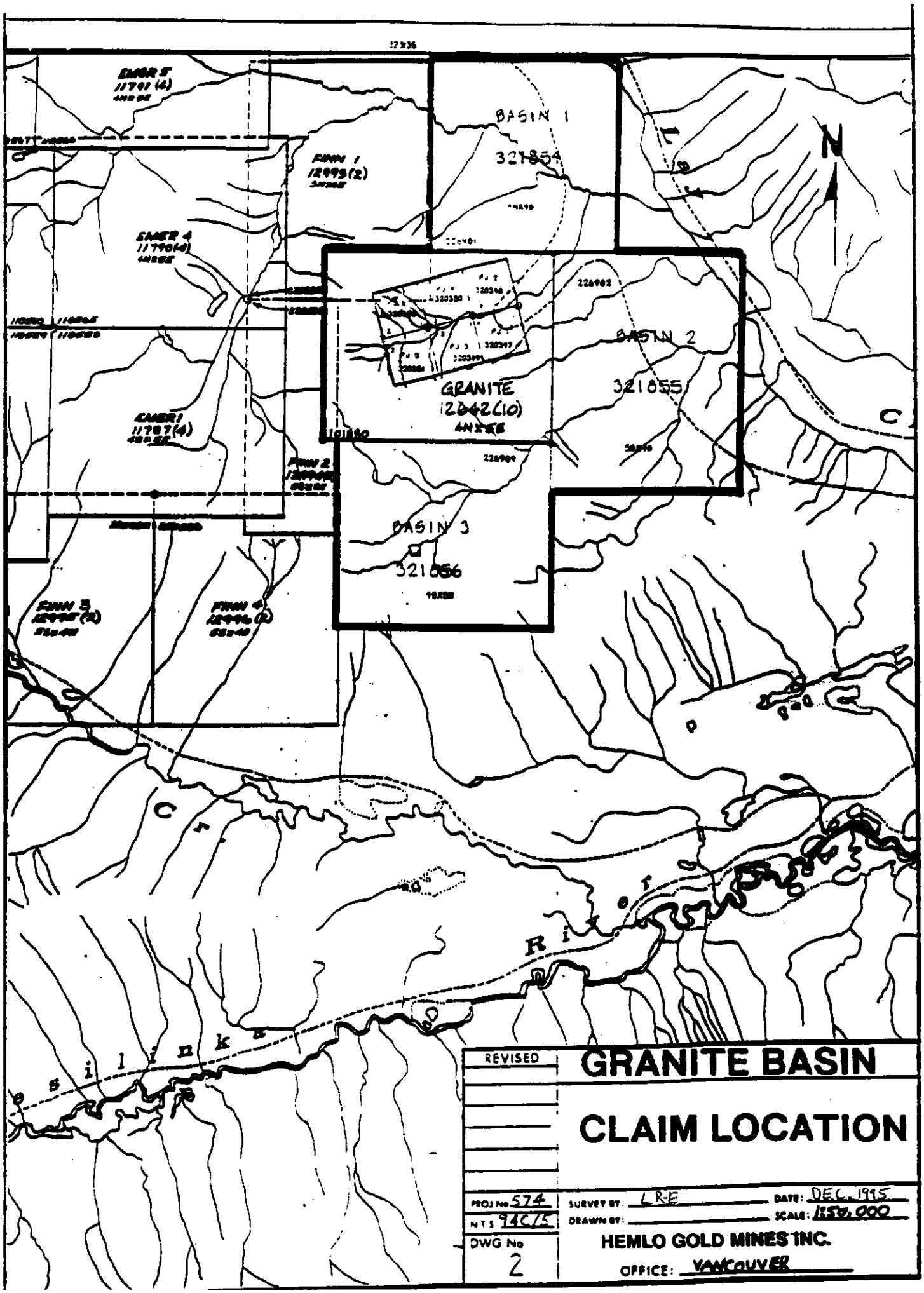
1.4 Claims

The Granite Basin Property is comprised of three 20 unit claim blocks and one 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, 1997	Hemlo Gold Mines Inc.
Basin 2	321855	20	October 10, 1997	Hemlo Gold Mines Inc.
Basin 3	321856	20	October 10, 1997	Hemlo Gold Mines Inc.
Granite	242792	20	October 8, 2005	Canasil Resources

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 porphyritic diorite sills which produce a strong colour anomaly (gossan), but overall results were poor. Later work has shown the Au-Ag mineralization to be hosted in shears which cut across all rock types and



GRANITE BASIN

CLAIM LOCATION

REVISED

PROJ No 574

NTS 94C/5

DWG No 2

SURVEY BY: L.R.E DATE: DEC. 1995

DRAWN BY: SCALE: 1:50,000

HEMLO GOLD MINES INC.

OFFICE: VANCOUVER

contacts. Previous results of 9.4 gpt Au/439 gpt Ag over 3m and 7.54 gpt/271 gpt Ag over 3m suggest the potential exists for a bulk mineable gold/silver deposit.

1.6 Survey Control

Flagged lines were established for mapping purposes using a compass and hip chain. All lines were slope corrected, as the talus slope has an average angle of 35 , and were tied into topographic features. In addition the previously established trails along and up the talus slope were surveyed in the same manner. Drill collars were tied into the surveyed grid.

1.7 Sampling

Rock samples were collected as chips across shear and fracture zones and the corresponding structural measurements were noted. Chips varied in width dependent on the width of the exposed shear. Sampling of drill core was done primarily at 1.0m intervals. Interval length depended on lithology, as well as intensity of alteration. All samples were sent to the Noranda Exploration Laboratory at Unit #1, 7550-76th Street, Delta B.C.

Refer to Appendix I for laboratory analytical techniques and Appendix II for geochemical results from chip samples and drill core.

A total of 55 rock chips and 84 drill core samples 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. In the vicinity of the Granite Basin Property this is comprised of Upper Triassic to Lower Jurrasic island arc volcanics, volcaniclastics and minor sediments of 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 Geology

Geologic mapping was done at a scale of 1:200 and was confined to the central part of the Granite claim, in the vicinity and to the west and south of the 1937 Cominco adit.

The following geological descriptions are relevant for the property as a whole, not all of the rock types below were observed during the 1995 mapping programme.

The dominant rock type is a fine to medium grained augite porphyritic andesite. It is composed of up to 15% 0.5mm 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 silstones, 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 hornblende crystals to 5mm in length. It most likely had 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 or hornblende only porphyritic diorite are also present in outcrop but could not be followed for any distance. The former was included with the porphyritic diorite, the latter with the non-porphyritic diorite.

Feldspar porphyry is present as dykes and sills cutting both the volcanosedimentary package as well as both phases of diorite. 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 gossanous central area.

Structural measurements on bedded sediments or volcaniclastics located on ridge tops 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.

Prior to the work by Noranda in 1994 exploration programmes had identified three zones of shearing, identified as Zones 1 to 3. Zone 1, the easternmost zone, strikes at 310° and dips steeply to the northeast at 75°. This is the zone intersected by Comincos 1937 adit and is reported to have a width of 12 meters. Zones 2 and 3 lie to the south-west, are higher in elevation by 85m and 182m respectively and have similar strikes and dips 266°/40°N (Zone 2) and 262°/58°N (Zone 3). These latter two zones are now believed to be outcrops of the same shear, with the steep talus slope between Zones 2 and 3 cover- ing an irregular dip slope exposing the upper limits and hanging wall of the shear. Al- though the footwall of this second zone is never exposed it is at least 5 meters wide, as measured at the previously named Zone 3.

2.3 Mineralization

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

The porphyritic diorite always hosts pyrite, in concentrations of up to 20%. Prior to 1975, exploration programmes focused on these pyritic horizons, and in general the gold content was negligible except in the vicinity of the adit where a pyritic horizon is coincident with the Zone 1 shear.

In 1975 it was recognized that it was the shears which hosted the Au-Ag mineralization and that these shears cut across all rock types. Rocks within the shears are foliated, altered to a fine grain, white to light blue colour, and contain cryptocrystalline quartz veinlets, patchy carbonate, sericite, minor mariposite(?), and pyrite, both as wavy laminations as well as disseminated. Two generations of pyrite are clearly visible: 1. An early fine grain silvery phase often observed as a film along fracture planes, and 2. a later coarser grained yellowish phase occurring along foliation planes and as irregular pods. Very rarely trace amounts of galena are associated with the quartz veinlets.

Detailed mapping by Hemlo in 1995 (Drawing 3) shows that the sheared foliated outcrops always occur in the footwall of a 5cm wide brittle fault generally striking from 310° to 330° and dipping shallowly to the northeast. Rocks exposed in the hanging wall are unaltered andesites or limy sediments, and may or may not contain pyrite. This fault does not have a flat planar surface but undulates in both the dip and strike direction, as evidenced by the dip slope connecting Zones 2 and 3, and in outcrop above the trench blasted by Canasil in 1992.

3.0 CHIP SAMPLING PROGRAMME

As both the non-anomalous pyritic horizons and the Au-Ag mineralized shears display the same "gossanous" weathering surface, and the pyritic horizons themselves are locally sheared and brittley fractured it was decided to chip sample the many shear and fracture directions to better delineate which direction was anomalous. Chip sample widths correspond to shear/fracture sample widths and range in size from 0.05m to 1.5m Locally chip samples were also collected from either the hangingwall or footwall or both, to determine if mineralization extends beyond the boundaries of the sampled shear or fracture. Geological descriptions, chip sample widths and corresponding shear or fracture directions are given in Appendix II.

Forty two chip samples were collected in the adit area, extending from the road, upslope to the south (Drawing 3 (blow-up 4)). Of these, only one area was found to be highly anomalous in Au and Ag, with values from 1.3 gpt Au,7.2 gpt Ag/0.7m to 10.7 gpt Au, 14.8 gpt Ag/0.4m. Although all of these anomalous samples were collected within a single outcrop the attitudes of the sampled shears ranged from 130°/40° to

330°/68°, suggesting that there are several shear directions within a major structure. Of interest is the fact that several of the anomalous samples contained "spots" of a bright green mineral, tentatively identified as mariposite.

Ten chip samples were collected from the 1992 Canasil trench on Zone 2 which previously returned values of (Drawing 3 (blow-up 1)). Samples from the immediate hanging wall of the shallowly dipping fault are only weakly anomalous in Au-Ag whereas those collected from the foliated (average 275°/60°) mariposite(?) bearing rock in the footwall of the fault are anomalous in both Au and Ag (Au from 0.3 gpt to 3.7 gpt and Ag from 10.2 gpt to 88.0 gpt). Locally trace amounts of galena occur, associated with quartz in thin veinlets.

Twenty six samples were collected from a prominent rusty spine on the west edge of the grid (Drawing 3 (blow-up 3)). This outcrop is well fractured, locally exhibits argillic alteration, and displays varying intensities of oxidation. Only one Au-Ag anomalous horizon was discovered, on the west side of the spine and bounded by shears to both the north (265°/80°) and south (200°/80°). Within this horizon, foliated mariposite(?) bearing rocks returned values from 1.0 gpt Au, 82.4 gpt Ag/0.2 m to 16.95 gpt Au,492.0 gpt Ag/0.5m. This horizon is also part of the Zone 2 shear structure.

During the course of the detailed sampling programme a previously unreported outcrop of foliated (average 277°/55°) mariposite(?) bearing rock was discovered. This lies to the west and slightly higher in elevation than Canasil's 1992 trench and lies to the east of the rusty spine described above. It is in the footwall of a thin fault (310°/28°) (Drawing 3 (blow-up 2)), and from it's position on the ground is believed to be another outcrop of the Zone 2 shear. Ten samples were collected from this location. Values for Au and Ag are only weakly anomalous (160 to 270 ppb Au,1.8 to 3.6 ppm Ag), a fact which may be attributed to the oxidized nature of the sampled material.

The remainder of the samples were collected from shears/fractures located in isolated outcrops within the area of the grid (Drawing 3). Only two of these samples were anomalous, sample numbers GM0270 and LE0645, with values of 975 ppb Au and 335 ppb Au respectively. These two samples are from foliated outcrops and are thought to be part of the same structure as the one sampled in Zones 2 and 3.

Foliated, mariposite(?) bearing outcrops of Zone 2 outcrop discontinuously in an east-west direction over a distance of approximately 240 meters, suggesting the mineralized structure has an east-west strike.

4.0 DIAMOND DRILLING PROGRAMME

The focus of the 1995 drilling programme was to establish the lateral extent and thickness of the Au anomalous horizon, as well as to test the theory that this horizon is located in the footwall, and is cut off by, a shallowly dipping fault.

Core is stored at the Granite Basin Property.

4.1 Presentation of Drill Hole Data

Drilling parameters for holes 1 and 2 are listed in the table below. Refer to Drawings 3,4 and 5 for plan view and hole sections. Sections show Au and Ag results with corresponding sample widths in meters. Detailed hole logs are found in Appendix IV and geochemical results from core are found in Appendix II.

HOLE#	TOTAL LENGTH (meters)	COORDINATES NORTH	EAST	AZIMUTH	DIP	DATE COLLARED	DATE COMPLETED
HGB 95-1	94.5	9995	9995	230°	-45°	August 6,1995	August 7, 1995
HGB-95-2	88.4	9875	9872	190°	-60°	August 7, 1995	August 8, 1995

4.2 Synopsis of Drill Holes

DDH-HGB-95-1

This hole (Drawings 3 and 4) was collared near Cominco's 1937 adit (exact position unknown) in an attempt to intersect the gold anomalous horizon sampled by Cominco in the underground workings. It was thought that the underground horizon and the one exposed in outcrop and sampled by Hemlo during the course of this programme were part of the same structure.

The hole intersected a series of feldspar, augite and hornblende porphyries, some of which could be identified as intrusions, others of which could either be volcanic or intrusive. Identifiable intersections of andesitic volcanics were rare. In general the feldspar porphyries have an average pyrite content of 12%, whereas the other lithologies have pyrite contents ranging from 1-3%. Sericite/clay alteration begins below 57.7m with local sections showing abundant fractures. From 88.4m to 93.4m silica flooding has overprinted the sericite/clay alteration.

Only one of the 47 sample intervals contained anomalous values of Au-Ag. Sample number 91377, from 75.1m to 76.1m, contained 0.65 gpt Au and 4.0 gpt Ag. This sample also analyzed 178 ppm Pb and 478 ppm Zn, although only pyrite was observed in core, suggesting that the gold is associated with base metals.

DDH-HGB-95-2

The second hole (Drawings 3 and 5) was targeted to test the width of the mineralized horizon. It's collar location was slightly downslope from Canasil's 1992 trench and after 3.0m of overburden it intersected 13.1m of foliated, sericitic,

(?) bearing altered volcanic tuff. From 16.1m to 67.6m the hole intersected a series of dykes intrusive into various types of diorite, and below 67.6m hornblende or feldspar porphyritic andesites are dominant. Below 30.5m the diorites have a brownish colour, from the alteration of mafic minerals to biotite wheras the volcanic porphyries at the bottom of the hole exhibit sericite alteration.

This hole intersected two Au-Ag anomalous sections, from 3.0 to 12.1m and 57.0 to 60.3m respectively. The former averaged 3.36 gpt Au,11.7 gpt Ag/9.1m the latter 1.67 gpt Au, 4.4 gpt Ag/4.5m. Anomalous concentrations of Pb and Zn are also present, but these are not always associated with anomalous Au-Ag, however wherever Au-Ag is anomalous Pb and Zn are also.

5.0 SUMMARY

- Detailed mapping and sampling of the many shears and fractures on the Granite Basin Property restrict the Au-Ag anomalies to two, as yet unconnected, structural zones: the eastern zone (Zone 1), in the vicinity of Cominco's 1937 adit, and a western zone, represented by Zones 2 and 3. Chip samples from Zone 1 contained up to 10.7 gpt Au, 14.8 gpt Ag over 0.4m and from Zone 2 up to 16.95 gpt Au, 492 gpt Ag over 0.5m. Zone 3 was sampled by Noranda in 1994 and returned 3.8 gpt Au,23 gpt Ag over 5m.

- A previously unsampled outcrop of Zone 2 was discovered between the known Zone 2 outcrops at Canasil's 1992 trench and the rusty spine. This confirms an indicated east-west strike length of 240 meters.

- Anomalies are restricted to a foliated, sericitic, mariposite(?) bearing altered volcanic or intrusive which lies in the footwall of a shallowly dipping brittle fault. This fault undulates in both the dip and strike direction.

- Gold-silver anomalies are often associated with Pb and Zn anomalies.

- At depth, but not exposed in outcrop, is a biotized dioritic intrusive with elevated levels of Pb, Zn and Cu, and locally Au-Ag.

- DDH-HGB-95-1 intersected a series of foliated, fractured, clay and sericite altered volcanics and intrusives, but contained only one - 1 meter, slightly anomalous intersection (0.6 gpt Au and 4.0 gpt Ag).

- DDH-HGB-95-2 intersected foliated and sericitic volcanics intruded by biotized intrusive diorites, the latter in turn intruded by an unaltered hornblende-feldspar porphyritic dyke. Anomalous Au-Ag was intersected from 3.0 - 12.1 meters and 57.0 - 61.5 meters (3.36 gpt Au, 11.7 gpt Ag and 1.67 gpt Au, 4.4 gpt Ag respectively).

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Granite Basin property is host to a gold-silver +/- base metal anomalous structure which outcrops in two areas of the property, an eastern and a western zone. This structure is a ductile shear cutting across all lithologies and is evidenced by foliated, mariposite(?) bearing, sericitic rocks. The shearing is restricted to the footwall of a shallowly dipping brittle fault, perhaps of regional extent. The western zone (Zone 2) has a confirmed strike length of at least 240 meters in an approximate east-west direction, and extends for 250 meters upslope to connect with Zone 3. Based on results from DDH-HGB-95-2 the zone has a width of 9.1m. As DDH-HGB-95-1 did not intersect the anomalous shear the relationship between the western and eastern zones is still unknown. If these zones do in fact connect at depth the strike length becomes at least 600 meters.

In addition the discovery of a biotized diorite at depth suggests a potential porphyry system and should be explored further.

Further drill testing should be pursued, with a vertical hole collared above the anomalous outcrop at Zone 1 (testing the width of this Zone), a second hole placed on the road down slope from DDH-HGB-95-2 (testing the downdip extension of Zone 2), and a third upslope and to the west of the newly discovered Zone 2 outcrop (testing the western extent and thickness of Zone 2). If possible a fourth hole, downslope from Zone 3, would test the updip extent and thickness of Zone 2 and would confirm that Zone 2 and 3 are part of the same structure.

REFERENCES

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

Gill, D.G., 1994: Geological, Geochemical and Linecutting Report on the Granite Basin Property, B.C. Assessment Report.

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.

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 - 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

ROCK AND DRILL CORE RESULTS AND DESCRIPTIONS

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: GRANITE BASIN – 176 **Geol.:** G.G. **Date received:** JULY 19 **LAB CODE:** 9507–031
Material: 52 Rx **Sheet:** 1 of 2 **Date completed:** AUG. 01 R #34583
Remarks: * Sample screened @ –35 MESH (0.5 mm)
Organic, & Humus, S Sulfide Au – silt & soil, 15.0 g sample digested with aqua–regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 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.

P.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
1	LE0550	15	0.4	3.47	16	522	0.3	5	1.01	0.5	45	16	83	50	6.13	0.32	13	14	1.44	876	1	0.19	32	0.08	8	255	0.30	121	187
2	LE0551	65	0.4	5.51	29	506	0.3	5	1.82	1.6	51	19	63	42	7.02	0.62	12	14	1.52	1379	9	0.26	31	0.08	18	236	0.31	151	149
3	LE0552	130	0.2	6.54	35	798	0.4	5	1.41	0.8	50	17	67	45	10.07	1.15	15	16	1.29	1342	4	0.25	28	0.09	22	311	0.32	165	180
4	LE0553	5	0.4	5.56	20	221	0.4	5	4.39	0.9	57	19	44	43	5.03	0.18	13	14	1.59	1254	1	0.22	26	0.07	7	206	0.29	148	112
5	LE0554	20	0.2	4.93	21	447	0.4	5	4.13	1.7	60	20	50	54	6.89	0.40	14	14	1.71	1551	5	0.21	24	0.07	8	310	0.27	136	287
6	LE0555	5	0.2	5.50	24	259	0.4	5	3.55	2.7	58	21	68	56	7.00	0.27	14	16	1.95	1602	9	0.23	27	0.07	7	150	0.31	152	549
7	LE0556	15	0.2	5.95	24	228	0.4	5	1.84	3.6	49	21	57	81	10.56	0.57	11	15	1.67	1581	12	0.11	26	0.08	10	73	0.30	145	859
8	LE0557	55	0.2	6.19	30	642	0.3	5	1.62	1.6	50	13	70	54	8.68	0.84	13	14	1.46	1151	11	0.24	20	0.08	19	176	0.34	157	538
9	LE0558	170	1.2	5.10	51	703	0.3	5	1.48	0.4	50	12	82	45	5.61	1.23	12	11	0.67	963	2	0.33	26	0.08	45	269	0.27	111	243
10	LE0562	100	2.0	5.72	78	435	0.4	5	2.02	0.9	57	16	45	39	7.78	0.83	14	17	1.47	1092	28	0.27	28	0.09	16	139	0.32	121	101
11	LE0563	450	3.2	8.45	101	3381	0.4	5	0.76	0.2	37	9	46	34	6.65	3.29	11	11	1.03	525	21	0.16	18	0.09	23	175	0.34	146	59
12	LE0564	4550	11.0	10.84	215	3523	0.4	5	2.51	0.8	61	10	44	46	5.88	3.71	14	29	1.95	955	7	0.23	19	0.10	54	202	0.40	172	170
13	LE0565	3000	17.4	11.94	316	3991	0.4	5	0.26	1.0	35	11	35	47	5.30	5.12	13	15	1.65	630	3	0.12	22	0.10	110	55	0.36	169	119
14	LE0566	7850	27.2	12.17	374	3471	0.4	5	0.74	1.4	46	14	36	73	6.42	4.87	12	19	1.65	728	4	0.16	22	0.11	148	67	0.40	177	364
15	LE0567	10725	14.8	9.78	222	4494	0.3	5	0.41	0.6	46	5	38	35	7.11	4.09	17	13	1.28	486	4	0.17	9	0.12	75	171	0.35	163	66
16	LE0568	120	1.6	7.22	58	884	0.4	5	2.37	0.6	61	13	47	50	6.95	0.86	15	25	1.87	1132	13	0.42	30	0.10	12	201	0.36	131	112
17	LE0569	140	1.6	6.25	60	494	0.4	5	1.94	1.0	60	19	54	38	5.85	1.08	15	18	1.66	962	15	0.44	38	0.10	13	119	0.37	121	102
18	LE0570	1345	7.2	9.27	198	4157	0.4	5	3.05	0.9	58	7	41	50	7.30	3.67	14	17	1.41	807	4	0.16	13	0.10	63	102	0.35	148	119
19	LE0571	4700	26.4	10.75	423	4087	0.3	5	0.25	1.3	29	7	44	51	7.47	4.46	14	10	1.05	373	2	0.15	13	0.10	310	116	0.31	166	301
20	LE0572	8350	23.2	9.50	337	3645	0.4	5	2.35	1.1	55	10	40	71	6.80	3.65	16	18	1.36	843	10	0.18	15	0.11	267	89	0.28	144	210
21	LE0573	3650	20.4	10.36	298	4133	0.3	5	0.15	0.5	23	7	42	33	4.95	4.41	11	12	1.33	455	12	0.15	13	0.09	281	71	0.31	160	67
22	LE0575	275	1.0	4.42	55	1051	0.2	5	0.58	0.3	32	7	72	33	6.08	1.12	9	14	1.11	535	9	0.18	28	0.09	9	281	0.28	134	89
23	LE0576	330	1.2	4.86	44	890	0.2	5	0.74	0.4	35	5	72	28	6.15	1.02	9	14	1.12	589	18	0.16	26	0.08	12	235	0.28	137	71
24	LE0577	200	1.2	4.21	61	914	0.2	5	0.47	0.3	27	6	81	26	6.40	1.31	9	11	0.90	473	25	0.16	31	0.09	6	135	0.32	141	90
25	LE0578	70	0.2	4.68	47	1100	0.2	5	0.73	0.2	35	1	75	29	7.31	1.24	10	9	0.83	410	33	0.21	18	0.09	5	284	0.28	140	55
26	LE0579	30	0.6	5.50	23	166	0.4	5	2.90	1.5	59	35	62	88	7.29	0.35	15	30	3.03	1586	1	0.12	65	0.13	5	131	0.37	254	131
27	LE0580	4600	25.6	10.18	395	2826	0.4	5	0.59	1.8	42	13	38	89	6.49	3.90	13	16	1.83	641	6	0.20	21	0.11	223	54	0.29	150	521
28	LE0581	185	2.2	6.54	60	1038	0.4	5	0.15	0.6	20	11	38	44	6.42	2.39	8	9	0.92	500	4	0.10	20	0.09	30	20	0.19	140	125
01	LE0582	125	3.0	6.24	46	1858	0.3	5	0.07	0.2	18	4	12	26	4.83	2.63	9	4	0.41	215	12	0.13	7	0.07	16	37	0.23	135	47
02	LE0583	260	2.0	5.56	48	1141	0.3	5	0.31	0.2	21	6	57	34	5.43	1.85	7	6	0.49	330	10	0.17	18	0.09	21	103	0.29	121	110
03	LE0584	805	4.6	8.01	90	1818	0.4	5	0.84	0.6	41	7	36	62	7.94	2.10	12	28	2.52	1228	31	0.15	14	0.13	34	112	0.38	193	175
04	LE0585	185	2.8	5.00	53	1125	0.2	5	0.43	0.2	25	7	70	35	5.97	1.69	8	9	0.71	450	19	0.17	25	0.09	15	74	0.33	137	99
05	LE0586	185	3.0	5.55	56	1212	0.3	5	0.29	0.2	24	6	47	28	5.40	2.13	9	6	0.51	315	13	0.16	18	0.09	20	46	0.30	134	97
06	LE0587	165	1.4	4.66	42	866	0.2	5	0.65	0.2	35	3	74	20	5.57	1.48	11	5	0.39	210	17	0.22	17	0.09	2	237	0.32	130	55
07	LE0588	135	1.0	4.39	47	906	0.2	5	0.52	0.2	30	4	70	27	7.04	1.30	9	10	0.82	396	22	0.19	25	0.09	7	177	0.30	146	66

68 66 60
MTP MN

F.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
108	LE0589	55	0.4	5.18	24	659	0.3	5	1.02	0.8	48	12	94	38	5.78	0.39	13	24	2.28	1060	1	0.21	38	0.09	3	438	0.31	122	120
109	LE0590	150	2.0	11.09	66	3203	0.5	5	2.07	0.5	52	3	39	30	4.98	4.03	13	16	1.32	534	6	0.12	10	0.10	16	176	0.35	167	41
110	LE0591	325	3.4	10.00	105	3077	0.4	5	1.57	1.0	49	6	36	28	6.29	3.77	13	18	1.36	702	5	0.19	16	0.10	27	180	0.35	147	82
111	LE0594	25	0.4	5.11	10	676	0.4	5	2.54	0.2	49	6	69	55	5.23	1.48	9	7	0.68	319	3	0.09	24	0.07	2	129	0.23	123	30
112	LE0595	580	2.4	5.14	10	826	0.4	5	2.24	0.2	49	7	53	39	5.12	1.60	9	6	0.59	311	2	0.10	23	0.07	2	122	0.25	132	31
113	LE0596	35	0.2	5.36	2	574	0.3	5	1.52	0.2	43	3	33	68	5.99	2.00	10	5	0.50	298	5	0.12	10	0.09	2	116	0.23	124	34
114	LE0597	35	0.4	5.51	7	98	0.4	5	3.52	0.6	55	18	38	72	6.12	0.62	12	18	1.64	877	4	0.16	22	0.09	5	232	0.37	211	89
115	LE0599	30	1.6	9.34	37	1458	0.6	5	5.16	0.9	64	24	60	64	5.65	0.39	15	14	1.99	1581	2	0.87	35	0.09	10	260	0.39	188	121
116	LE0600	170	5.0	9.18	117	2128	0.4	5	0.72	0.2	40	12	35	31	5.87	3.75	9	11	0.79	448	4	0.23	24	0.09	15	68	0.19	130	131
117	LE0601	195	7.0	9.93	279	1050	0.5	5	3.29	1.6	65	24	54	56	6.27	2.36	13	14	1.03	954	28	0.66	60	0.11	17	149	0.26	150	165
118	LE0602	330	23.2	10.62	144	885	0.4	5	0.54	0.7	36	20	41	41	6.71	4.63	10	12	0.80	522	1	0.15	43	0.11	13	39	0.31	148	189
119	LE0604	300	12.0	9.96	184	1554	0.6	5	4.32	1.1	60	25	87	68	6.80	1.54	15	18	1.39	1835	35	0.73	64	0.11	38	165	0.32	159	155
120	LE0605	390	37.6	10.25	111	1170	0.4	5	0.83	2.7	35	17	40	79	5.94	4.24	10	13	0.83	564	1	0.19	34	0.10	80	38	0.27	142	651
121	LE0606	695	88.0	9.43	142	1279	0.4	5	2.77	1.3	53	19	45	58	5.85	3.48	12	11	0.63	1386	7	0.31	44	0.09	54	68	0.26	136	305
122	LE0608	3700	25.6	8.90	113	1526	0.5	5	1.36	2.9	45	18	38	61	5.58	3.55	11	10	0.71	1204	1	0.18	42	0.10	157	47	0.25	120	631
123	LE0611	565	26.8	9.04	99	1548	0.4	5	1.95	1.5	52	19	40	36	5.36	3.25	11	12	0.66	958	1	0.25	44	0.10	37	51	0.29	129	321
124	LE0612	635	10.2	7.99	52	1045	0.5	5	3.70	1.0	55	18	42	31	5.38	2.08	11	12	0.75	2576	1	0.19	39	0.09	3	55	0.26	123	113

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: GRANITE BASIN – 176 **Geol.:** G.G. **Date received:** JULY 24 **LAB CODE:** 9507–037

Material: 48 Rx **Sheet:** 1 of 2 **Date completed:** AUG. 01 R #31586

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

¤ Organic, Δ Humus, S Sulfide

Au – silt & soil, 15.0 g sample digested with aqua–regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 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.

ST. 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
03	LE0614	20	0.2	4.62	8	511	0.3	5	2.71	0.6	56	15	19	35	6.21	0.97	11	11	0.75	724	14	0.24	14	0.08	5	157	0.27	191	55
04	LE0615	5	1.8	5.72	11	54	0.4	5	3.93	0.6	60	10	15	147	6.21	0.22	12	15	1.40	1538	26	0.21	9	0.09	16	160	0.40	190	108
05	LE0616	10	2.2	6.59	6	40	0.4	5	4.54	0.7	61	5	9	140	6.25	0.14	11	13	1.11	1191	32	0.11	6	0.08	18	144	0.36	172	79
06	LE0617	10	0.2	6.16	5	173	0.4	5	3.58	0.8	61	19	14	117	5.10	0.38	11	12	1.22	780	20	0.60	14	0.06	4	237	0.20	153	75
07	LE0618	25	2.4	5.04	7	170	0.4	5	3.81	0.8	53	21	67	126	6.22	0.37	13	9	1.92	1184	4	0.34	29	0.11	31	131	0.29	165	89
08	LE0619	35	5.6	3.78	5	92	0.4	5	3.96	0.8	51	19	77	114	5.74	0.22	10	8	1.94	998	2	0.25	30	0.12	5	134	0.31	147	55
09	LE0620	1030	82.4	5.18	15	31	0.4	5	5.02	1.1	50	28	183	628	5.36	0.10	10	12	2.31	1806	4	0.10	83	0.06	268	90	0.34	212	136
10	LE0621	700	46.0	7.28	15	1023	0.5	5	4.71	0.2	58	22	18	344	5.24	0.65	13	12	0.85	629	1	0.48	21	0.08	56	244	0.16	193	53
11	LE0622	60	5.0	3.62	18	33	0.5	5	4.76	1.1	53	27	79	130	5.89	0.11	12	7	2.89	1604	2	0.22	44	0.12	37	102	0.29	170	93
12	LE0623	55	3.8	6.86	7	463	0.3	5	3.08	0.5	54	9	16	143	9.05	1.15	12	9	0.75	783	3	0.14	10	0.10	53	111	0.24	211	61
13	LE0624	1470	6.8	8.96	9	1606	0.5	5	2.73	0.8	63	17	29	115	6.24	2.65	15	19	1.39	2654	9	0.30	20	0.07	12	317	0.28	202	98
14	LE0625	55	1.8	9.08	4	1504	0.5	5	1.70	0.5	54	21	48	82	5.55	3.23	12	17	1.02	1087	5	0.26	32	0.07	5	203	0.30	209	76
15	LE0626	1395	31.2	8.00	35	2335	0.5	5	5.05	2.0	62	12	28	163	8.10	1.69	13	12	0.85	4682	27	0.21	28	0.08	29	228	0.22	121	357
16	LE0627	35	0.8	9.27	8	951	0.4	5	3.11	2.7	53	21	13	60	4.75	2.23	10	9	0.44	1330	20	0.49	25	0.08	6	143	0.15	216	106
17	LE0628	5	0.2	7.01	7	738	0.4	5	1.21	0.6	45	14	12	111	6.40	1.96	10	12	0.67	858	35	0.30	11	0.09	5	101	0.20	207	97
18	LE0629	10	0.2	4.78	5	717	0.3	5	3.55	0.2	59	9	12	87	6.06	0.59	12	9	0.55	920	8	0.16	9	0.08	5	324	0.28	183	50
19	LE0630	5	0.2	5.29	8	435	0.4	5	4.74	0.3	57	4	10	61	5.27	0.96	11	7	0.36	710	2	0.10	5	0.07	5	186	0.30	165	39
20	LE0631	5	0.2	5.63	13	107	0.5	5	5.73	0.9	59	28	17	165	6.40	0.18	15	15	2.19	1462	2	0.19	22	0.13	4	522	0.43	282	84
21	LE0632	95	1.8	9.44	59	1508	0.3	5	0.19	0.2	22	11	30	20	4.65	4.33	10	10	0.55	258	1	0.12	22	0.07	13	30	0.20	125	33
22	LE0633	160	1.8	10.04	86	1559	0.3	5	0.28	0.2	31	18	24	21	3.80	4.58	11	11	0.73	348	1	0.11	36	0.07	24	15	0.15	108	30
23	LE0634	110	2.6	7.89	78	944	0.4	5	4.64	1.1	74	18	35	38	4.65	2.13	16	13	1.00	1850	1	0.40	34	0.08	25	101	0.18	110	83
24	LE0636	90	2.6	7.83	77	1329	0.4	5	6.19	0.8	78	17	27	26	3.62	2.68	15	10	0.57	1858	1	0.32	36	0.06	24	59	0.12	93	54
25	LE0637	160	2.2	9.91	66	2086	0.4	5	2.92	1.3	71	18	31	24	4.17	3.14	19	15	0.75	1135	1	0.47	39	0.09	27	91	0.18	112	71
26	LE0638	205	3.4	11.19	98	2134	0.4	5	1.05	0.9	57	23	26	22	3.97	4.55	15	11	0.81	363	1	0.29	37	0.09	41	37	0.15	117	32
27	LE0639	270	3.6	11.84	117	1616	0.5	5	1.20	1.3	67	18	37	24	5.49	4.50	20	13	1.12	502	1	0.32	40	0.09	38	50	0.23	143	48
28	LE0640	165	1.0	11.44	99	1930	0.4	5	0.57	0.9	50	15	35	23	5.64	4.79	15	11	0.86	298	1	0.22	34	0.09	32	29	0.26	146	51
29	LE0641	110	0.4	7.55	19	1282	0.3	5	0.66	0.2	42	14	36	18	3.96	2.69	12	8	0.69	264	5	0.28	35	0.07	8	80	0.11	120	32
30	LE0642	165	0.6	6.97	25	589	0.4	5	0.43	0.5	31	10	32	24	3.52	2.40	10	8	0.45	169	3	0.23	28	0.06	3	69	0.08	94	62
31	LE0643	15	0.2	9.00	2	1301	0.4	5	1.00	0.4	35	10	35	94	6.51	3.85	9	4	0.36	539	1	0.15	15	0.08	2	70	0.24	157	35
32	LE0644	5	0.2	7.46	2	700	0.4	5	3.24	0.5	56	13	34	138	4.64	1.94	13	7	0.60	1480	1	0.21	28	0.09	2	259	0.19	140	43
33	LE0645	335	10.2	7.37	3	1103	0.3	5	0.10	0.3	12	2	35	93	10.11	3.17	8	4	0.27	124	12	0.15	6	0.08	17	61	0.11	166	42
34	LE0646	160	5.4	7.71	4	768	0.3	5	0.24	0.2	17	7	37	43	5.14	2.88	7	8	0.38	176	5	0.25	13	0.05	13	78	0.10	160	28
35	LE0647	25	0.6	7.21	2	1308	0.3	5	1.14	0.3	44	12	28	123	5.78	2.46	12	9	1.06	554	1	0.17	17	0.08	2	221	0.19	179	66
36	LE0649	15	0.2	7.32	2	1215	0.2	5	0.64	0.4	33	7	8	34	5.87	3.21	9	8	0.52	587	1	0.16	5	0.08	8	38	0.34	181	62
37	LE0650	20	0.2	4.09	9	69	0.3	5	3.01	1.0	55	6	17	118	6.34	0.30	11	9	1.01	1178	38	0.19	9	0.08	11	133	0.32	154	125

12/18

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
lo.	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm
38	LE0651	15	0.2	4.62	13	196	0.3	5	2.54	1.0	55	11	12	49	6.60	0.46	13	12	1.11	1020	35	0.27	14	0.07	12	182	0.27	174	49
39	LE0652	100	2.0	6.21	16	1041	0.3	5	3.02	1.3	53	4	31	66	4.80	1.60	12	10	0.71	433	4	0.07	8	0.08	36	54	0.20	105	123
40	LE0653	20	2.6	7.43	13	462	0.4	5	3.75	0.8	56	15	16	110	4.58	1.57	12	9	0.64	907	1	0.36	15	0.07	11	134	0.19	288	53
41	LE0654	16950	492.0	9.07	22	2086	0.4	5	0.77	2.6	40	13	35	313	5.47	3.26	12	13	1.20	850	6	0.21	25	0.09	364	57	0.20	159	687
42	LE0655	370	8.2	10.89	88	1445	0.4	5	0.44	0.2	31	19	37	111	5.94	3.72	8	11	0.30	236	20	0.49	44	0.06	21	135	0.08	148	111
43	LE0656	135	5.4	10.19	118	1281	0.3	5	0.16	0.2	21	1	36	142	7.79	3.55	5	10	0.47	508	10	0.44	5	0.12	21	117	0.14	175	54
44	LE0657	45	5.8	10.45	40	1145	0.4	5	0.40	0.5	33	17	39	67	5.77	3.36	8	17	0.42	695	27	0.53	39	0.08	16	141	0.09	176	43
45	LE0658	100	2.0	6.76	10	796	0.3	5	1.84	0.4	55	14	18	51	6.16	1.91	11	9	0.42	1120	11	0.31	15	0.09	14	114	0.29	236	58
46	LE0659	20	0.8	6.21	10	736	0.3	5	2.38	0.5	61	11	14	39	5.61	1.65	11	9	0.41	867	2	0.24	8	0.08	13	127	0.26	188	31
47	LE0660	10	0.2	7.21	9	706	0.4	5	3.16	0.7	59	5	12	53	5.58	1.48	11	8	0.38	774	15	0.14	8	0.10	3	128	0.30	215	31
48	LE0661	75	1.0	6.13	11	566	0.3	5	1.48	0.6	53	8	37	78	4.72	1.68	12	11	1.23	570	6	0.25	17	0.08	12	154	0.23	149	88
51	LE0662	745	3.2	10.28	24	826	0.3	5	0.17	0.2	11	12	36	40	4.94	3.55	4	8	0.30	147	7	0.50	19	0.04	6	114	0.07	193	28
52	LE0663	50	0.2	9.25	5	759	0.3	5	0.13	0.3	15	15	43	57	4.75	3.57	6	4	0.23	119	2	0.25	24	0.04	7	72	0.10	176	27

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: GRANITE BASIN – 176 (HEMLO) **Geol.:** G.G. **Date received:** AUG. 16 **LAB CODE:** 9508–016
Material: 3 Rx **Sheet:** 1 of 1 **Date completed:** AUG. 22 R #34591
Remarks: * Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – silt & soil, 15.0 g sample digested with aqua–regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 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
188	GM0269 rx	45	0.2	6.68	2	279	0.7	5	4.24	0.7	62	7	14	61	4.33	0.69	13	14	1.12	929	3	0.05	6	0.12	8	229	0.23	137	86
189	GM0270	975	2.4	8.37	56	1074	0.3	5	0.27	0.2	8	5	38	91	8.08	3.70	7	10	0.83	376	4	0.14	6	0.06	11	38	0.34	213	65
190	GM0271 rx	10	0.2	4.69	2	770	0.5	5	2.77	0.4	66	12	27	158	3.99	0.83	14	15	1.26	1194	1	0.10	9	0.12	6	371	0.22	154	75

23/02 GG GG

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: GRANITE BASIN – 176 (HEMLO) **Geol.:** GG **Date received:** SEP. 05 **LAB CODE:** 9509–008
Material: 84 Cores (HGB95–1/2) **Sheet:** 1 of 3 **Date completed:** SEP. 07 R #34605
Remarks: * Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – sift & soil, 15.0 g sample digested with aqua–regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 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	091351	50	0.6	5.40	8	656	0.4	5	3.27	0.2	43	17	30	39	4.95	1.04	6	5	0.37	546	1	0.34	11	0.07	2	444	0.20	124	89
4	091352	75	1.0	6.10	2	752	0.4	5	2.54	0.2	41	20	49	35	4.96	1.17	6	5	0.39	413	1	0.34	15	0.07	2	415	0.16	130	91
5	091353	60	1.2	7.17	2	676	0.4	5	2.52	0.2	41	18	26	27	4.59	1.38	8	7	0.49	516	1	0.44	14	0.07	2	274	0.14	132	77
6	091355	40	0.8	6.84	4	625	0.4	5	2.84	0.2	45	20	30	39	3.49	1.30	7	7	0.45	483	1	0.38	16	0.06	7	299	0.09	119	53
7	091356	75	0.6	7.15	5	646	0.5	5	2.65	0.2	45	19	35	31	4.39	1.45	8	7	0.48	515	1	0.41	17	0.07	4	278	0.13	129	47
8	091357	85	0.8	6.53	5	468	0.5	5	3.18	0.2	48	20	46	35	4.26	1.03	8	8	0.52	571	1	0.47	19	0.06	7	202	0.11	110	66
9	091358	140	1.6	7.11	11	543	0.5	5	2.92	0.3	49	22	38	46	4.70	1.36	9	8	0.52	555	1	0.41	19	0.07	11	217	0.15	129	92
10	091359	110	1.2	7.17	10	656	0.5	5	2.82	0.4	49	19	30	29	4.46	1.55	9	8	0.57	579	1	0.36	18	0.07	9	255	0.17	133	46
11	091360	130	1.6	7.15	2	1450	0.5	7	3.28	0.2	48	18	24	28	3.55	1.72	5	7	0.46	636	2	0.31	16	0.06	9	172	0.15	118	51
12	091361	170	2.2	5.00	15	574	0.5	11	4.45	2.1	57	15	41	61	4.75	1.11	8	17	1.38	1552	3	0.14	22	0.09	207	152	0.22	130	468
13	091362	75	0.2	4.42	9	310	0.5	12	3.51	1.3	61	15	44	60	4.74	0.67	14	21	1.83	1834	3	0.14	19	0.10	85	90	0.23	127	334
14	091363	75	0.4	5.03	8	699	0.5	10	7.83	0.9	60	16	45	40	3.33	1.85	5	10	0.63	2175	3	0.07	33	0.07	69	66	0.14	102	238
15	091364	60	1.2	6.37	21	896	0.5	11	4.55	1.5	61	16	31	47	3.40	2.59	8	11	0.80	1155	10	0.05	25	0.07	52	59	0.14	103	359
16	091365	65	1.0	4.84	16	492	0.5	18	4.53	1.1	63	20	52	49	4.27	1.36	9	18	1.55	1310	26	0.08	36	0.06	25	48	0.11	109	95
17	091366	15	0.4	4.66	14	91	0.5	21	7.08	1.0	71	36	116	107	6.47	0.14	10	26	3.87	1781	1	0.01	50	0.12	2	90	0.26	211	123
18	091367	25	0.2	4.45	18	314	0.5	21	6.73	0.8	69	21	61	133	4.71	0.72	9	26	2.12	2232	4	0.03	48	0.07	11	49	0.20	140	125
19	091368	40	0.2	5.23	15	103	0.6	19	7.79	0.6	69	33	97	105	6.65	0.24	8	34	4.02	1937	1	0.01	70	0.09	2	95	0.35	266	122
20	091369	20	0.2	5.18	16	82	0.6	26	6.62	1.2	65	38	90	93	6.67	0.16	11	32	4.12	1654	1	0.01	67	0.09	2	98	0.35	271	108
21	091370	20	0.2	5.56	7	26	0.6	5	8.18	0.8	47	35	121	113	7.02	0.07	7	27	4.28	1652	1	0.01	62	0.11	2	140	0.35	268	99
22	091371	35	0.4	2.39	12	146	0.4	5	5.70	0.5	54	15	80	27	4.41	0.32	10	15	1.34	1113	1	0.04	30	0.07	3	39	0.19	107	82
23	091372	30	0.2	3.40	3	215	0.4	5	5.18	0.3	54	14	57	29	4.21	0.52	9	15	1.34	1018	1	0.06	27	0.07	2	40	0.21	108	85
24	091373	30	0.2	3.53	8	241	0.4	5	5.74	0.7	57	16	66	30	4.40	0.71	9	16	1.26	1211	1	0.10	29	0.08	3	39	0.20	113	81
25	091374	80	0.2	4.01	9	456	0.4	5	5.61	0.6	53	15	64	32	4.29	1.21	9	13	0.98	1030	3	0.07	28	0.08	2	38	0.17	121	72
26	091375	60	0.4	3.01	15	372	0.4	5	5.61	0.8	53	15	61	25	5.04	0.92	9	12	0.88	986	14	0.06	31	0.07	6	30	0.12	104	79
27	091376	60	1.4	3.51	14	301	0.4	5	4.57	0.8	52	15	71	28	7.03	0.94	12	14	1.10	936	24	0.07	30	0.07	16	34	0.15	107	83
28	091377	655	4.0	3.64	20	243	0.5	5	5.83	7.7	61	15	59	55	6.51	0.91	12	17	1.34	1107	34	0.06	29	0.07	178	35	0.12	100	478
29	091378	20	0.4	4.85	10	229	0.5	5	3.90	0.6	58	18	58	36	4.85	0.94	11	24	2.05	1074	1	0.12	37	0.09	9	40	0.15	114	94
30	091379	30	0.2	4.51	11	170	0.5	5	3.22	0.9	54	18	63	36	4.72	0.82	10	25	2.08	924	1	0.06	34	0.08	5	26	0.11	112	93
31	091380	15	0.2	4.76	10	239	0.5	5	4.05	1.1	43	16	57	26	4.53	1.03	10	23	1.85	953	1	0.07	34	0.08	2	30	0.10	107	83
32	091381	55	0.2	5.27	3	187	0.5	5	5.45	1.0	49	17	60	23	4.43	0.93	7	37	2.22	1039	1	0.06	32	0.08	2	43	0.11	112	97
33	091382	5	0.2	5.98	2	225	0.5	5	4.82	0.9	48	21	52	49	4.96	1.13	12	37	2.44	931	1	0.06	35	0.08	2	34	0.14	147	106
34	091383	15	0.2	7.36	2	348	0.7	5	6.01	0.8	49	30	64	102	5.84	1.33	10	66	2.35	925	1	0.14	54	0.09	2	58	0.17	223	114
35	091384	5	0.2	7.40	2	297	0.8	5	6.01	1.1	53	19	43	74	4.69	1.39	9	47	2.06	913	1	0.20	39	0.09	2	76	0.06	127	110
36	091385	10	0.2	6.98	4	386	0.8	5	6.29	1.0	55	19	44	91	4.48	1.58	8	38	1.78	906	1	0.16	32	0.09	5	78	0.07	140	87
37	091386	15	0.2	6.44	8	488	0.8	5	8.00	0.5	58	18	35	43	4.19	1.80	5	28	1.26	904	2	0.09	29	0.08	4	80	0.16	136	69

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	091387	5	0.2	6.32	5	324	0.7	5	6.81	0.8	61	17	45	43	4.13	1.60	3	34	1.31	828	3	0.13	34	0.09	4	62	0.17	133	80
39	091388	5	0.2	6.35	7	592	1.0	5	8.31	0.8	60	15	40	40	3.04	2.03	1	20	0.91	797	1	0.10	25	0.08	3	70	0.12	105	72
40	091389	10	0.2	7.95	10	457	1.0	5	9.73	1.2	64	18	48	53	4.74	1.60	2	24	1.46	1067	10	0.03	28	0.10	8	253	0.25	140	95
41	091390	5	0.2	5.70	2	66	0.6	5	9.84	0.5	59	21	80	83	4.92	0.22	2	19	1.96	1197	7	0.01	35	0.08	2	309	0.28	179	84
42	091391	5	0.2	6.52	3	41	0.7	5	9.85	0.6	61	23	60	68	5.59	0.04	6	20	2.25	1355	8	0.01	35	0.09	2	387	0.30	169	96
43	091392	5	0.2	5.12	3	20	0.6	5	10.09	0.5	63	16	44	66	4.83	0.04	6	15	1.60	1290	16	0.01	20	0.08	2	343	0.27	117	98
44	091393	40	0.8	5.37	2	25	0.7	5	14.40	0.6	46	12	35	105	4.11	0.04	1	13	1.13	1322	19	0.01	18	0.08	2	311	0.20	103	111
45	091394	5	0.2	6.10	20	65	1.5	5	13.43	1.9	59	24	51	146	4.87	0.12	10	23	1.25	1310	27	0.01	33	0.09	6	408	0.23	154	134
46	091395	10	0.2	5.66	3	178	0.7	5	6.08	0.4	62	22	32	97	5.88	0.22	10	36	3.02	1496	5	0.01	32	0.10	2	107	0.35	187	147
47	091396	30	0.4	6.45	2	730	0.4	5	3.24	0.2	51	22	45	65	5.26	1.13	8	12	0.77	639	1	0.24	25	0.07	2	364	0.21	141	135
48	091397	40	0.8	6.01	9	814	0.3	5	2.50	0.5	52	19	30	34	4.04	1.24	8	10	0.66	545	1	0.23	20	0.05	2	326	0.16	120	136
51	091398	10	0.2	5.30	2	834	0.5	5	3.33	0.2	49	19	41	54	5.39	0.93	11	14	0.86	749	1	0.13	19	0.08	2	393	0.26	141	94
52	091401	8900	28.4	7.43	97	671	0.6	5	6.19	5.4	62	17	39	66	4.35	2.44	13	20	3.01	15000	2	0.03	36	0.09	819	68	0.16	100	1220
53	091402	1210	4.2	7.96	51	487	0.7	5	5.11	1.9	57	17	36	46	4.81	2.26	12	19	4.04	12000	1	0.05	34	0.10	118	76	0.19	96	472
54	091403	300	1.8	8.90	44	807	0.7	5	2.38	1.5	49	20	35	31	4.76	2.95	16	19	3.96	6621	1	0.06	34	0.10	87	69	0.15	101	305
55	091404	215	2.2	9.23	39	739	0.7	5	2.54	2.2	53	21	37	41	4.51	2.59	13	22	4.53	7519	1	0.08	39	0.10	191	51	0.15	99	355
56	091405	525	3.6	9.58	51	801	0.7	5	1.87	1.4	50	22	43	33	4.64	2.95	15	23	4.32	7012	1	0.10	43	0.10	103	28	0.11	110	198
57	091406	335	1.8	8.62	60	1013	0.6	5	0.75	0.7	33	21	37	30	4.36	3.16	13	18	2.89	4694	1	0.05	36	0.10	69	17	0.12	103	151
58	091407	380	5.2	8.97	39	1260	0.6	5	0.60	4.1	29	20	38	266	4.69	3.03	15	22	3.90	6655	1	0.03	38	0.11	444	17	0.14	117	1051
59	091408	220	1.4	8.91	46	1773	0.6	5	0.45	1.5	28	22	42	38	4.98	2.96	14	24	4.35	6776	1	0.02	40	0.11	91	29	0.14	112	285
60	091409	120	1.6	8.42	37	1779	0.6	5	0.81	3.7	34	20	44	47	5.40	2.46	13	28	5.22	8589	1	0.04	36	0.10	307	41	0.13	105	913
61	091410	265	2.0	8.47	23	2435	0.6	5	1.24	1.9	40	21	42	137	5.77	2.68	12	23	4.26	5937	2	0.07	36	0.10	187	59	0.12	100	462
62	091411	210	1.2	9.13	16	2268	0.6	5	0.65	1.1	35	18	33	94	5.36	3.28	13	24	3.95	5346	1	0.07	32	0.10	77	43	0.19	111	374
63	091412	75	0.8	9.19	17	1525	0.6	5	0.80	1.5	41	19	37	24	5.21	3.63	11	25	4.18	5300	1	0.06	35	0.10	83	39	0.20	105	432
64	091413	40	0.2	9.21	7	1335	0.6	5	1.18	1.0	43	20	47	19	5.12	3.68	11	23	4.25	6363	1	0.11	43	0.10	13	60	0.18	107	188
65	091414	105	0.2	8.90	6	2561	0.6	5	1.05	0.7	44	18	44	17	4.97	3.83	13	20	3.53	5456	1	0.08	37	0.10	100	66	0.16	98	186
66	091415	100	0.8	9.12	13	2881	0.6	5	0.81	1.5	39	18	42	22	5.07	3.84	13	22	3.79	5910	1	0.06	34	0.11	120	42	0.19	108	368
67	091416	150	0.2	9.12	13	2474	0.6	5	0.98	1.3	38	18	41	20	5.29	3.56	12	24	4.10	6377	1	0.08	33	0.10	40	34	0.20	110	462
68	091417	240	0.4	8.97	20	2887	0.6	5	0.86	0.9	39	20	41	23	5.62	3.19	13	30	4.86	7085	1	0.06	37	0.11	25	25	0.21	113	223
69	091418	85	0.8	8.86	22	3023	0.6	5	1.38	1.7	46	20	47	25	5.74	3.37	16	27	4.28	7356	1	0.13	39	0.11	122	42	0.22	115	312
70	091419	240	1.0	8.73	22	2838	0.6	5	1.43	3.7	46	19	62	63	5.38	3.48	13	24	3.62	7550	1	0.13	38	0.10	92	39	0.23	115	801
71	091420	510	4.6	8.52	8	2296	0.6	5	1.47	5.0	43	25	49	208	6.11	2.53	15	29	4.84	6796	1	0.13	42	0.09	1544	37	0.29	163	1335
72	091421	300	5.4	8.24	30	2838	0.5	5	1.40	11.4	44	22	47	119	5.87	2.38	13	27	4.38	5502	4	0.15	40	0.09	3185	34	0.27	136	2934
73	091422	1590	4.4	7.78	28	1906	0.5	5	3.07	6.9	56	18	59	150	5.28	2.19	14	18	2.39	3343	2	0.34	30	0.09	231	72	0.19	102	1425
74	091423	2600	6.8	7.14	43	1415	0.5	5	3.44	13.0	64	17	54	252	5.15	2.20	12	17	2.27	2240	5	0.43	30	0.09	582	81	0.20	104	2775
75	091424	810	1.8	6.87	30	838	0.6	5	5.00	1.9	69	18	56	124	5.23	1.00	14	19	2.01	3515	2	0.31	31	0.09	58	123	0.26	122	393
76	091425	305	0.8	8.20	5	1404	0.5	5	1.99	1.1	61	18	51	40	5.12	2.44	12	23	2.74	2469	1	0.17	44	0.09	45	69	0.23	114	240
77	091426	75	1.2	7.99	9	231	0.6	5	5.21	1.4	68	22	53	56	5.44	0.55	11	17	2.54	2294	1	0.13	40	0.09	16	182	0.32	154	124
78	091427	160	2.6	7.61	24	387	0.6	5	3.99	0.9	62	24	56	64	5.83	0.77	12	20	2.72	1990	1	0.10	47	0.09	24	106	0.32	167	168
79	091428	135	2.2	6.97	13	284	0.6	5	3.72	1.1	60	23	46	43	5.95	0.68	13	22	2.79	1881	1	0.05	42	0.09	17	61	0.32	171	147
80	091429	300	1.4	6.79	4	153	0.6	5	4.27	1.1	60	21	36	48	5.37	0.49	13	24	2.77	2184	1	0.05	36	0.09	19	61	0.31	141	141
81	091430	200	1.4	7.39	12	490	0.7	5	4.00	0.7	57	21	49	52	5.44	1.15	12	22	2.43	1874	1	0.06	39	0.09	13	60	0.29	146	138
82	091431	225	0.8	7.70	14	996	0.6	5	1.86	0.3	51	17	35	38	5.02	2.45	12	22	2.30	1416	1	0.08	29	0.09	18	42	0.22	122	135
83	091432	275	1.6	7.84	15	658	0.6	5	2.82	0.8	60	22	59	62	5.46	1.51	14	21	2.70	1725	1	0.25	38	0.09	16	75	0.28	147	141
84	091433	110	1.4	8.00	9	327	0.7	5	3.98	0.8	64	23	66	53	5.79	0.76	14	19	2.98	1792	1	0.31	40	0.09	9	96	0.29	147	104

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	091434	35	0.2	7.82	12	284	0.7	5	4.22	0.8	64	24	64	53	5.86	0.62	13	20	2.79	1470	1	0.28	42	0.09	6	100	0.28	158	115
86	091435	55	1.8	7.68	12	163	0.7	5	5.66	1.0	69	24	65	69	5.15	0.49	10	19	2.37	1596	1	0.27	41	0.09	7	101	0.32	161	120
87	091436	40	0.8	7.78	13	339	0.7	5	3.99	1.1	67	20	71	50	5.31	1.14	16	24	2.73	2429	1	0.07	51	0.10	17	132	0.28	132	139

HEMLO GOLD MINES INC.

PROJECT # : 176

N.T.S. : 94C/5

LAB REPORT # :

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PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0550	Adit landing. Sheared (194/75) andesite	-	Chip	1.0								L. Erdman
	quartz fractures, hematite.											
LE0551	Adit landing, Sheared (285/65) andesite	-	Chip	1.0								L. Erdman
	strong propyllitic alteration, hematite.											
LE0552	Same location as 0551 but sampled	-	Chip	0.5								L. Erdman
	across shear (190/32).											
LE0553	Adit landing, sheared (150/20 and 215/	1 Pyrite	Chip	0.7								L. Erdman
	45), weak fracture fill carbonate, hem-											
	atite fracture fill, moderate propyllitic											
	alteration, feldspar porphyritic diorite.											
LE0554	Adit landing, feldspar porphyritic diorite,	-	Chip	0.7								L. Erdman
	sheared (100/80), rusty fractures.											
LE0555	Same location as 0554 but sampled	-	Chip	1.5								L. Erdman
	across shear (064/60).											
LE0556	To west of 0555, foliations at 300/85,	-	Chip	1.0								L. Erdman
	280/60, 240/44. Sampled perpendicular											
	to 320°, propyllitic altered andesite.											
LE0557	Adjacent and west of 0556, andesite as	-	Chip	1.0								L. Erdman
	at 0556, rare 1 cm clots of massive											
	pyrite shear 340/80.											

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PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0558	Near trench 1 + 13, porphyritic diorite,	7 Pyrite	Chip	0.5								L. Erdman
	10 cm shear (020/70), rusty fractures.											
	Propyllitic alteration envelopes shear.											
LE0562	Shear (244/44) 2 cm thick, moderate	7 Pyrite	Chip	0.35								L. Erdman
	argillic alteration, weak sericite.											
	Trench 1 + 13.											
LE0563	Shear (246/28), below 0562 by 0.5m.	-	Chip	0.4								L. Erdman
	Trench 1 + 13.											
LE0564	Shear (304/50), porphyritic diorite, strong	-	Chip	1.0								L. Erdman
	argillic alteration, weak sericite, local											
	bleaching in shears, 3 shears ~15 cm											
	each, propyllitic alteration between											
	shears. Trench 1 + 13											
LE0565	Hanging wall to 0564, porphyritic diorite,	10 Pyrite	Chip	0.35								L. Erdman
	no shears, weak sericite, moderate											
	argillic alteration, very fine grained pyrite.											
	Trench 1 + 13.											

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PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

Filename: GBASIN95.

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	ALL FROM TRENCH 1 + 13											
LE0566	Shear 170/60, argillic alteration,	-	Chip	0.7								L. Erdman
	porphyritic diorite (?).											
LE0567	Shear 290/30, porphyritic diorite, may be	15 Pyrite	Chip	0.4								L. Erdman
	same shear as 0566, local bleaching.											
LE0568	Porphyritic diorite, local weak propyllitic	7 Pyrite	Chip	0.5								L. Erdman
	alteration, moderate argillic alteration,											
	very limonitic fractures. Located											
	between 0562 and 0563.											
LE0569	Porphyritic Diorite, hanging wall of 0562,	-	Chip	0.7								L. Erdman
	similar to 0568 but manganese											
	fracture fill noted, local hematite											
	fracture fill.											
LE0570	Appears to be same shear as 0567,	-	Chip	0.7								L. Erdman
	poddy propyllitic alteration, strong											
	argillic alteration, 130/40 attitude											
LE0571	Shear at 330/68, chip direction 230°,	-	Chip	0.35								L. Erdman
	similar to 0566.											
LE0572	Shear at 170/30, maybe continuation of	10 Pyrite	Chip	0.7								L. Erdman

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Filename: GBASIN95.

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	0570, 3 shears sub parallel, widest is											
	7 cm.											
LE0573	Porphyitic diorite, unsheared, hanging-	10 Pyrite	Chip	0.4								L. Erdman
	wall of 0572, moderate hematite											
	fracture fill, moderate argillic alteration,											
	yellow-green fracture fill.											
LE0575	Trench 1 + 12, unsheared, footwall of											
	0576, diorite porphyry, moderate hem-	10 Pyrite	Chip	0.5								L. Erdman
	atite fracture fill, moderate argillic alter-											
	ation, weak sericite, mafics to pyrite.											
LE0576	Shear at 280/58, strong argillic alteration	-	Chip	0.5								L. Erdman
	bleached.											
LE0577	Shear at 140/76, cut off by 0576, strong	-	Chip	0.35								L. Erdman
	argillic alteration.											
LE0578	Shear at 118/44, strong argillic alteration	-	Chip	0.6								L. Erdman
LE0579	Shear at 054/12, strongly propyllitic,	-	Chip	0.7								L. Erdman
	rusty fracture fill, pervasive and fracture											
	fill carbonate, strong hematite fracture											
	fill.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0580	Trench 1 + 13, shear at 150/45 strongly	5 Pyrite	Chip	0.5								L. Erdman
	argillic, weak sericite, central 2 cm shear											
	very limonitic. Possible continuation of											
	0572.											
LE0581	Trench 1 + 12, porphyritic diorite, shear	10 Pyrite	Chip	0.5								L. Erdman
	at 140/65, chlorite/carbonate clots in											
	the shear, strong hematite fracture fill,											
	shear varies 2 - 10 cm wide.											
LE0582	1 cm shear displacing 0581 shear.	-	Chip	0.2								L. Erdman
	020/26. Right lateral 0.4 m, similar to											
	0581.											
LE0583	Shear at 270/50. Only sheared rock is	-	Chip	5 cm								L. Erdman
	sampled, cut off by 0584.											
LE0584	Basal shear (080/30) to 15 cm wide,	7 Pyrite	Chip	0.4								L. Erdman
	propyllitic center, argillic envelope.											
LE0585	Porphyritic diorite, strong argillic alterat-	10 Pyrite	Chip	0.2								L. Erdman
	ion hanging wall of 0583/0584. No											
	shearing.	10 Pyrite	Chip	0.2								L. Erdman
LE0586	Same as 0585. Footwall of 0583.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0587	Porphyritic diorite, shear at 244/85 on	5 Pyrite	Chip	0.35								L. Erdman
	cliff face, yellow fracture fill, weak											
	hematite fracture fill, weak sericite.											
LE0588	Trench 1 + 12. Porphyritic diorite, similar	3 Pyrite	Chip	0.2								L. Erdman
	to 0587, shear at 230/80.											
LE0589	Porphyritic diorite, hanging wall to 0576,	10 Pyrite	Chip	0.5								L. Erdman
	no shear, strongly argillic, moderately											
	sericitic,weak hematite fracture fill, local											
	bleaching.											
LE0590	Porphyritic diorite, totally bleached, shea	-	Chip	0.7								L. Erdman
	shear at 320/60, yellow/rusty fracture fill.											
LE0591	Porphyritic diorite, bleached, similar to	15 Pyrite	Chip	1.5								L. Erdman
	0590, shear at 330/54, Trench 1 + 10.											
LE0594	Trench 1 + 09. Andesite tuff, 2 shears	-	Chip	0.6								L. Erdman
	1 cm each 140/60, strong argillic alter-											
	ation in shears.											
LE0595	Andesite tuff, argillic shears (004/29)	3 Pyrite	Chip	0.7								L. Erdman
	<1cm thick, rusty fracture fill, hairline											
	clear quartz fracture fill, moderate											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	pervasive silica.											
LE0596	Possibly 2 shears, one for certain at	-	Chip	0.6								L. Erdman
	135/45, local strong argillic alteration											
	Andesite tuff.											
LE0597	Trench 1 + 08 Andesite tuff. Foliated at	3 Pyrite	Chip	1.2								L. Erdman
	200/45, unsheared, rare silica fracture											
	fill, moderate argillic alteration.											
	Shear 2 Trench 1											
LE0599	Tuff, very weak sericite, feldspar crystals,	5 Pyrite	Chip	0.7								L. Erdman
	hanging wall of 0600.											
LE0600	Altered shared (292/68) tuff. Mafics to	12 Pyrite	Chip	0.7								L. Erdman
	pyrite, moderate sericite, outcrop is											
	foliated but not so obvious in hand											
	sample.											
LE0601	Same as 0599, footwall of 0600, rusty	5 Pyrite	Chip	0.6								L. Erdman
	fracture fill, weak sericite.											
LE0602	Porphyritic diorite, moderate sericite,	15 Pyrite	Chip	0.7								L. Erdman
	rare mariposite, pyrite along foliations.											
	Foliated at 277/60, well foliated in											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	in hand sample.											
LE0604	Tuff similar to 0599, hanging wall of "cut	-	Chip	0.6								L. Erdman
	off" horizontal fracture. Fracture at											
	067/14.											
LE0605	Porphyritic diorite, hanging wall of 0602,	12 Pyrite	Chip	0.7								L. Erdman
	foliated as at 0602, moderate sericite.											
LE0606	Porphyry diorite, similar to 0602 but	12 Pyrite	Chip	1.0								L. Erdman
	local carbonate near upper cut off with											
	horizontal structure.											
LE0607	Porphyritic diorite, hanging wall of 0605,	10 Pyrite	Chip	1.0								L. Erdman
	rare mariposite, mafics to pyrite and											
	pyrite in foliations, moderate sericite.											
LE0608	Andesite, hanging wall of 0607, foliated	10 Pyrite	Chip	1.5								L. Erdman
	at 212/48, mariposite, similar to 0600.											
LE0611	Andesite, similar to 0600, well foliated in	10 Pyrite	Chip	1.0								L. Erdman
	outcrop, mafics to pyrite but pyrite not in											
	foliation. Foliation 280/66.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0613	Andesite, similar to 600 but local	10 Pyrite	Chip	1.3								L. Erdman
	carbonate fracture fill and local hematite											
	fracture fill. Foliation 292/70.											
LE0614	Two 1 cm shears (220/40, 175/008),	20 Pyrite	Chip	1.0								L. Erdman
	discontinuous carbonate lenses, diorite											
	host.											
LE0615	Shear zone, 50 cm wide, quartz veinlets,	-	Chip	0.7								L. Erdman
	chlorite, epidoted. Fractures/shear at											G. Manson
	158/40, rusty outcrop.											
LE0616	Shear at 256/42, cuts off 0615 shear	-	Chip	0.6								L. Erdman
	(above), extremely chloritic.											G. Manson
LE0617	Porphyritic diorite, footwall of 0615 and	5 Pyrite	Chip	1.0								L. Erdman
	hanging wall of 0616, locally silicified,											G. Manson
	hairline quartz veinlets.											
LE0618	Shear Zone, 1 m wide, rusty fracture	-	Chip	1.0								L. Erdman
	fill, extremely chloritic, rubbly outcrop.											G. Manson
LE0619	Footwall of 0618 shear, 1-2 cm shears at	15 Pyrite	Chip	0.7								L. Erdman
	an average of 074/10, porphyritic diorite,											G. Manson
	weak sericite.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0620	*Thin shear zone @ 265/80. Extremely*	-	Chip	0.2								L. Erdman
	propyllitic (appears to displace basal											
	shears).											
LE0621	<0.5 cm shears; generally 262/45,	12 Pyrite	Chip	1.3								L. Erdman
	shears 'in porphyritic diorite, similar to											
	0619.											
LE0622	Mafic dyke 027/63. The 0621	1 Pyrite	Chip	0.3								L. Erdman
	shears are continuous through dyke.											
LE0623	Thin shear at 270/70. Shears of 0621	-	Chip	0.1								L. Erdman
	slightly displaced. Shear zones totally											
	bleached.											
LE0624	Shears at 190/80 and 200/85, weakly	3 Pyrite	Chip	1.0								L. Erdman
	silicified in shear envelope. Dissemin-											
	ated pyrite and clots of pyrite. Possible											
	mariposite.											
LE0625	Footwall to 0624, not as sheared, well	10 Pyrite	Chip	0.7								L. Erdman
	foliated, trace mariposite, similar											
	to trench 1 shear 2, volcanic tuff.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0626	Footwall to 0625, structural depression	-	Chip	0.9								L. Erdman
	trending 262°, intersection of 2 shears											
	084/72 and 200/80, fault gouge.											
LE0627	1 cm fractures at 300/46, rusty weather-	15 Pyrite	Chip	0.6								L. Erdman
	ed surface on feldspar crystal tuff, many											G. Manson
	different fractures give rock a veined											
	appearance, fractures are cream colour.											
LE0628	Shear zone (80 cm), at 320°/vertical,	1 Pyrite	Chip	1.0								L. Erdman
	bleached, rusty fracture fill.											G. Manson
LE0629	Footwall to 0628, volcanic tuff weakly	5 Pyrite	Chip	1.0								L. Erdman
	silicified, mafics to chlorite/pyrite.											G. Manson
LE0630	Shear zone (1 m) at 358/38. Bleached/	-	Chip	1.0								L. Erdman
	cream colour, very fractured.											G. Manson
LE0631	Footwall of 0630, strongly chloritic, local	-	Chip	1.2								L. Erdman
	rusty fracture fill. Fractures at 258/40,											G, Manson
	110/70,350/54, 256/vertical.											
LE0632	Foliated at 272/48, tuff, trace mariposite,	10 Pyrite	Chip	1.0								L. Erdman
	weak to moderate sericite.											& G. Gill

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0633	Same location as 0632. Hanging wall of	10 Pyrite	Chip	1.0								L. Erdman
	0632 but foliation less obvious in											& G. Gill
	outcrop.											
LE0634	Foliated at 276/42, similar to 0633 and	7 Pyrite	Chip	1.0								L. Erdman
	hanging wall to 0633.											& G. Gill
LE0636	Outcrop does not appear foliated but	7 Pyrite	Chip	0.7								L. Erdman
	is hanging wall to 0634, locally silicified,											& G. Gill
	trace mariposite.											
LE0637	Dip slope, possibly footwall of shear at	7 Pyrite	Chip	0.7								L. Erdman
	310/28. In hanging wall of 0636.											& G. Gill
LE0638	Same as 0636, trace mariposite, footwall	7 Pyrite	Chip	0.7								L. Erdman
	of 0639.											& G. Gill
LE0639	Shear at 288/65, possibly hanging wall	7 Pyrite	Chip	1.2								L. Erdman
	of shear @ 310/28, well foliated in out-											& G. Gill
	crop, brittle fractures, no mariposite											
	observed.											
LE0640	Similar to 0639, fractures at 282/60,	10 Pyrite	Chip	1.0								L. Erdman
	hanging wall of 0639 and also shear at											& G. Gill
	310/28.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0641	To west of previous chip sequence,	7 Pyrite	Chip	1.0								L. Erdman
	foliated at 280/ (56-64), trace mariposite											& G. Gill
	moderate sericite, pyrite along foliation.											
LE0642	To west of 641. Foliation at 270/60, no	15 Pyrite	Chip	0.7								L. Erdman
	visible mariposite, feldspar porphyritic											& G. Gill
	diorite.											
LE0643	Shear on east side of rusty spine, 296/	10 Pyrite	Chip	0.3								L. Erdman
	64, rusty fractures, trace mariposite,											G. Manson
	moderate sericite.											
LE0644	Footwall of 0643, appears unfoliated,	3 Pyrite	Chip	0.7								L. Erdman
	weak epidote alteration, diorite, rusty											G. Manson
	surface.											
LE0645	Shear at 208/66, tuff, no sericite/mari-	3 Pyrite	Chip	0.5								L. Erdman
	posite, weakly argillic, rusty/bleached.											G. Manson
LE0646	Extension of 0645 along strike but wider	-	Chip	1.2								L. Erdman
	here, fractured at 204/60 to 198/80,											G. Manson
	bleached with rusty fracture fill.											
LE0647	Footwall of 0645, volcanic tuff, weak	15 Pyrite	Chip	0.6								L. Erdman
	pyrite/chlorite replacing mafics,											G. Manson

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	weak sericite.											
LE0649	50 cm shear, 278/60, well fractured,	7 Pyrite	Chip	0.5								L. Erdman
	pyrite in foliations, feldspar porphyritic											
	diorite, clay gouge to east.											
LE0650	Shear (approximate attitude 270/40)	-	Chip	0.35								L. Erdman
	in dirt slope, rusty, extremely fractured,											
	chloritic,on rusty ridge.											
LE0651	Hanging wall of fracture at 117/38.	2 Pyrite	Chip	0.5								L. Erdman
	Sample has numerous cream shears at											
	220/40, 234/36, 210/22, weakly chlorite											
	tuff host.											
LE0652	Shear at 302/70, very crumbly/rubble/	-	Chip	0.35								L. Erdman
	gouge. Maybe extension of 0615.											
LE0653	Thin (2 cm) shear at 076/78. Feldspar	5 Pyrite	Chip	0.2								L. Erdman
	porphyritic diorite host-weakly sericitic,											G. Manson
	mafics to pyrite/chlorite.											
LE0654	Hanging wall of 0624 but not immedi-	3 Pyrite	Chip	0.5								L. Erdman
	ately adjacent, trace mariposite, weakly											
	argillic, tuff.											

HEMLO GOLD MINES INC.

PROJECT # : 176

N.T.S. : 94C/5

LAB REPORT # :

DATE: July 14, 1995

PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

Filename: GBASIN95.

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0655	Foot wall of shear at 0656, foliated tuff,	15 Pyrite	Chip	0.35								L. Erdman
	possible mariposite clear quartz											
	fractures cut foliation.											
LE0656	Shear at 070/80, sampled 5 cm shear	-	Chip	0.05								L. Erdman
	only.											
LE0657	Hanging wall of 0656 shear. Sample											L. Erdman
	description same as 0655.											
LE0658	Feldspar porphyritic diorite, rusty/yellow	15 Pyrite	Chip	0.7								L. Erdman
	surface, hairline clear quartz, weak											
	sericite. Foot wall to fracture at 250/58,											
	cream fracture zones <0.5 cm.											
LE0659	Hanging wall or perhaps structure zone	-	Chip	0.7								L. Erdman
	itself, increase in cream fractures.											
LE0660	Down dip extension of 0630, bleach-	-	Chip	1.0								L. Erdman
	ed, rusty surface.											
LE0661	Shear zone @ 216/54, bleached, yellow	3 Pyrite	Chip	1.4								L. Erdman
	green weathering, feldspar porphyritic											G. Manson
	diorite, weak to moderate sericite,											
	weakly propyllitic host.											

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SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0662	At 1994 station number 174688, moder-	15 Pyrite	Chip	1.5								L. Erdman
	ate sericite, trace mariposite, foliated											G. Manson
	at 270/81, feldspar porphyritic diorite.											
LE0663	To south of 0662, foliated at 290/68,	12 Pyrite	Chip	1.8								L. Erdman
	rusty/red surface, pyrite in foliation, trace											
	mariposite, weak argillic alteration,											
	similar to 0662.											
GM0269	Strongly sheared diorite (?)	-	Chip	1.0								G. Manson
GM0270	sheared diorite, fine grained pyrite,	4 Pyrite	Chip	0.5								G. Manson
	chip across shear.											
GM0271	Diorite, sericitic, chlorite, between 2	-	Chip	0.7								G. Manson
	shears.											

HEMLO GOLD MINES INC.

PROJECT # : 176

N.T.S. : 94C/5

LAB REPORT # :

DATE: JULY 14, 1995

PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

Filename: RXSAMPLE.XLS

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	The station numbers below were not											
	sampled:											
LE0559	Same location as 0558. 1 cm fracture/											
	shear at 105/58.											
LE0560	Same location as 0558. 1 cm fracture/											
	shear cut off by 0559. Gypsum filled;											
	140/90.											
LE0561	Same location as 0558. 1 cm quartz											
	filled fracture at 190/90.											
LE0574	Augite porphyry dyke, strong propyllitic											
	alteration, carbonate veinlets.											
LE0592	Augite porphyry dyke, weak propyllitic											
	alteration.											
LE0593	Porphyritic diorite, hanging wall of 0592,											
	strong argillic alteration.	15 Pyrite										
LE0598	Siltstone - dark grey, strong fracture fill											
	red hematite, moderate propyllitic											
	alteration, same location as 0597.	5 Pyrite										

HEMLO GOLD MINES INC.

PROJECT # : 176

N.T.S. : 94C/5

LAB REPORT # :

DATE: JULY 14, 1995

PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

Filename: RXSAMPLE.XLS

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0603	Andesite tuff - similar to sample 0599,	7 Pyrite										
	dark grey, medium grained.											
LE0609	Porphyritic diorite - foliated, moderate											
	sericite alteration, similar to sample											
	0605.											
LE0610	Diorite dyke - fine grain, melanocratic.	1 Pyrite										
LE0612	Andesite tuff - non-foliated, weak sericite	10 Pyrite										
	alteration, locally mafic minerals altered											
	to chlorite.											
LE0648	Hornblende diorite - medium grained,	2 Pyrite										
	weak epidote alteration.											

HEMLO GOLD MINES INC.

PROJECT # : 176

N.T.S. : 94C/5

LAB REPORT # :

DATE: JULY 27, 1995

PROJECT: GRANITE BASIN

ROCK SAMPLE REPORT

Filename: RXSAMPLE.XLS

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
	The station numbers below were not											
	sampled:											
GM0263	Diorite - sheared (207/26), strong	2 Pyrite										
	sericite, strong chlorite.											
GM0264	Andesite tuff - sheared (176/34), strong	2 Pyrite										
	chlorite.											
GM0265	Limestone breccia in hanging wall of	Tr. Pyrite										
	shear, local alteration (sericite).											
GM0266	Intrusive (?) - bleached, strong sericite	1 Pyrite										
	alteration, rusty weathering surface.											
GM0267	Andesite tuff - weak epidote alteration,	4 Pyrite										
	underlies (?) intrusive at 0266.											

APPENDIX III

DETAILED DRILL LOGS

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS	PROPERTY Granite Basin		N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING / ANGLE	PROJECT NO. 176		SHEET 1 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED / CORRECTED / RECORDED / CORRECTED	LAT.	ELEV. / DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°		DEP.	LENGTH / BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
0.0	16.8		CASING (thick overburden)																			
16.8	39.6		FELDSPAR PORPHYRITIC INTRUSIVE (SPOTTED																			
			TEXTURE)	16.8	18.3	60	12		3	16.8	39.6	-	1	-								
			Light grey with 40% whole feldspar phenocrysts	18.3	21.3	70																
			All fractures are oxidized (rusty). No shears, non-foliated.	21.3	24.4	45																
			Locally very fractured in all directions. Disseminated fine	24.4	27.4	80																
			grained pyrite in matrix so that it appears feldspars are	27.4	28.9	100																
			encircled by pyrite.	28.9	30.5	100										33.5	35.5	91396	30			
			Carbonate fracture fill, no carbonate veins.	30.5	33.5	80										35.5	36.6	91397	40			
			Possible fault (rubble) at 33.8m	33.5	36.6	90										36.6	39.6	91398	10			
			Final 0.9m has weak pervasive carbonate as well as fracture	36.6	39.6	80																
			fill carbonate. Also fracture density increases to 5 from 2.																			
39.6	41.6	AP	AUGITE PORPHYRITIC ANDESITE (DYKE (?))	39.6	41.6	-	Tr		1	39.6	41.6	2	3	-								
			Upper contact at 45° to CA, lower contact broken.	39.6	42.7	100																
			Green grey, fine grained with pyroxene phenocrysts in a																			
			feldspar rich matrix. Pervasive carbonate and chlorite.																			
			Quartz/carbonate veinlets (<0.5 cm) at 30°, 20°, 45°, 120°.																			
			At 39.9 the 92/carbonate veins have chloritic alteration																			
			envelopes of 4 mm thickness and host rock is less																			
			chloritic than in remainder of interval.																			
41.6	42.1	FP	FELDSPAR PORPHYRITIC INTRUSIVE	41.6	42.1	-	12		1	41.6	42.1	-	1	-								
			As at 16.8 to 39.6 but less oxidized, more competent pieces																			
			of core. Upper and lower contacts are broken.																			
42.1	42.7	AP	AUGITE PORPHYRITIC ANDESITE	42.1	42.7	-	Tr		1	42.1	42.7	2	3	-								
			As at 39.6 to 41.6																			
42.7	53	FP	FELDSPAR PORPHYRY INTRUSIVE - SPOTTED TEXTURE	42.7	53.0	-	15		3	42.7	53.0	-	2	-	1	42.7	43.7	91351	50			
			Light grey colour, porphyritic with phenocrysts to 5 mm.	42.7	45.7	100										43.7	44.7	91352	75			
			Phenocryst volume ~40%. Abundant very fine grained pyrite,	45.7	48.8	100										44.7	45.7	91353	60			
			yellow colour. Pyrite appears to be replacing mafic minerals.	48.8	51.8	100										45.7	46.7	91354	Lost			
			Fine fractures in many directions, carbonate filled. Hairline,	51.8	54.9	100										46.7	47.7	91355	80			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 2 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY					
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au		
			clear quartz filled fractures, many directions. Possible													47.7	48.7	91356	75		
			mariposite at 52.1m. Does not appear to be foliated.													48.7	49.7	91357	85		
			Rare rusty fracture planes.													49.7	50.7	91358	140		
			Rare milky quartz/carbonate veins at 40° to CA (6 mm).													50.7	51.8	91359	110		
			Interval ends with quartz/carbonate vein (4mm) at 10° to CA.													51.8	53	91360	130		
53.0	57.7	HP	HORNBLENDE PORPHYRY	53.0	57.7	-	2		10	53.0	57.7	-	3	2	-	53	55	91361	170		
			Light grey, siliceous, feldspars are sausseritized.	54.9	57.9	100										55	57	91362	75		
			sections show phenocrysts of hornblende, other sections													57	58	91363	75		
			are very fine grained non porphyritic. At bottom of interval is																		
			a distinct breccia texture. Very fractured in many directions,																		
			filled with carbonate. Quartz vein (5mm) at 54.7, 20° to CA.																		
			Disseminated pyrite is medium grain forming discrete cubic																		
			shapes. At 53.3, very fine 'grained pyrite in quartz veinlet at																		
			55° to CA. The core has such abundant carbonate filled																		
			fractures cannot determine if carbonate is pervasive within																		
			the host. Sericite fracture planes but the rock is not foliated.																		
			The very 'fine grained sections are siliceous but have pervas-																		
			ive carbonate and carbonate fractures. Also have ghosty,																		
			sausseritized feldspar. Hornblende porphyritic predominant																		
			from 53.4 to 54.2 and 56.5 to 57.2. This interval is either a																		
			hornblende intrusive cut by siliceous dykes or a siliceous																		
			volcanic cut by hornblende intrusive.																		
57.7	60.4	FP	FELDSPAR PORPHYRY (?) ALTERED	57.7	60.4	-	10		20	57.7	60.4	-	4	2	-	58.0	59.4	91364	60		
			Light grey.	57.9	61.0	100										59.4	60.4	91365	65		
			Pervasive, fracture fill and vein carbonate. Clay fault gouge																		
			at 59.5 and at 60.1. Locally feldspar phenocrysts are																		
			observed so this is possibly the feldspar porphyry but overall																		
			it is so altered and fractured the original rock type is difficult																		
			to determine. Thicker (3mm to 5mm) milky carbonate veins																		
			at 40°, 45°, 10°. Sericitic fractures and clay on fractures but																		
			non foliated. Very fine grained pyrite ranges from 2% to loc-																		
			ally 15%, generally 7%. Locally pyrite replaces mafics but																		
			generally is disseminated in ground mass with ghosty white																		

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 3 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY					
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au		
			feldspar being unpyritic.																		
60.4	62.5	AND	ANDESITE	60.4	62.5	-	Tr		5	60.4	62.5	3	4	-	-	60.4	62.5	91366	15		
			Green grey, fine grain, non-porphyritic. Fine to medium	61	64	100															
			grained disseminated pyrite. Pervasive and fracture fill car-																		
			bonate. Fractures range from 10° to 50° to CA, rarely 0°.																		
			Upper contact at 45°, lower contact 20°. Quartz carbonate																		
			veinlets (<3mm) milky, irregular, at same angles as fracture																		
			fill carbonate. From 60.8 to 61.1 - feldspar porphyry as at																		
			57.7 to 60.4. Upper contact 50°, lower contact broken.																		
62.5	63.8	FP	FELDSPAR PORPHYRY (ALTERED)	62.5	63.8	-	2		50	62.5	63.8	2	4	2		62.5	63.8	91367	25		
			Light grey, extremely fractured. Similar to 57.7 to 60.4 but																		
			far more fractures. Many pieces are so fractured they fall																		
			apart when handled. Sericite, clay on fracture surfaces.																		
			Pyrite is fine grained and occurs disseminated in matrix.																		
			Pervasive and fracture fill chlorite.																		
63.8	69.1	AP	AUGITE PORPHYRITIC ANDESITE	63.8	69.1	-	1		10	63.8	69.1	3	4	1	-	63.8	65.8	91368	40		
			Grey green, fine grained but locally ghosty pyroxene pheno-	64.0	67.1	100										65.8	67.8	91369	20		
			crysts (3% volume) are visible. Pervasive chlorite, feldspar	67.1	70.1	100										67.8	69.1	91370	20		
			to epidote. Pervasive and fracture fill carbonate. Irregular																		
			veinlet (<5mm) carbonate ranging from 10° to 60° to CA.																		
			At 66.9'Milky/cream quartz carbonate epidote "vein" (35°)																		
			4cm, ill defined vein margins more like a pervasive																		
			flooding, but no distinct central fracture. This is cut by																		
			carbonate veinlets at 20° to CA. Interval does not appear to																		
			be foliated. Local sections extremely fractured and chloritic																		
			so that they core breaks apart when handled. Local sections																		
			appear similar to 60.4 to 62.5																		
69.1	75.9	FP	FELDSPAR PORPHYRY - WEAKLY FOLIATED	69.1	75.9	-	10		50	69.1	75.9	1	4	1	-	69.1	70.1	91371	35		
			Light grey, fine grained but locally feldspar phenocrysts are	70.1	73.2	100										70.1	71.1	91372	30		
			observed. Extremely fractured. Pervasive and fracture fill	73.2	76.2	100										71.1	72.1	91373	30		
			carbonate similar to 62.5 to 63.8 but more pyritic with thick													72.1	73.1	91374	80		

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
	FIELD CO-ORDINATES	DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 4 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM							ASSAY					
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil		FROM	TO	SAMPLE No.	Au			
			quartz/carbonate veins hosting fine grained pyritized breccia														73.1	74.1	91375	60			
			fragments. Weak pervasive sericite. Pyrite is fine grained														74.1	75.1	91376	60			
			and occurs in fractures or disseminated in the matrix (5%).														75.1	76.1	91377	655			
			Locally very fine grained pyrite occurs as "clots" or floods.																				
			73.5m - 3.5m quartz/carbonate/pyrite vein at 70° to CA.																				
			74.5 m and 74.8m - pyrite flooding. Calcite veinlet at 45° to																				
			CA at 74.8m.																				
			75.3 - 2 cm quartz/carbonate/ pyrite vein at 30°																				
			75.6 - 6 cm quartz/carbonate/pyrite vein at 10°																				
75.9	83.9	AND	ANDESITE - MODERATELY FOLIATED	75.9	83.9	-	3		30	75.9	83.9	-	3	3			76.1	77.1	91378	20			
			Grey green, fine grain. Pervasive and fracture fill carbonate.	76.2	79.3	100											77.1	78.1	91379	30			
			Trace mariposite at 81.6m. Pyrite is fine grain and	79.3	82.3	100											78.1	79.1	91380	15			
			disseminated in matrix, locally as "clots" possibly replacing														79.1	80.1	91381	55			
			mafic mineralization (5%). Core ranges from extremely														80.1	81.1	91382	5			
			fractured (50%) to few fractures (2%). In hand sample surface														81.1	82.1	91383	15			
			of core looks silicified but it is not. Less white veining/														82.1	83.1	91384	5			
			fracture fill than in previous interval. At 80.7m mafic pheno-														83.1	84.1	91385	10			
			crysts occur in an irregular margined dyklet (20cm length).																				
			Lower contact 40°, upper contact at 20°. Below 82.2																				
			fracture density averages 10% and sericite content																				
			increases to 4. Local red/maroon colored ghosty streaks,																				
			possibly hematite. Pyrite decreases to 2%.																				
83.9	86.3	FP	FELDSPAR PORPHYRITIC ANDESITE (ALTERED)	83.9	86.3	-	3		10	83.9	86.3	-	3	4			84.1	85.1	91386	15			
			Light grey, obscure feldspar phenocrysts. Pervasive and	82.3	85.3	100											85.1	86.1	91387	5			
			fracture fill carbonate. Local carbonate veinlets especially																				
			from 83.9 to 85.0 and 85.6 to 86.3. Veinlets vary from 45° to																				
			60° to CA. Variably sericitic from weak at start of interval to																				
			strong at bottom of interval. Locally well foliated at 45° to 50°																				
			to CA. Fine grain disseminated pyrite along foliation planes																				
			and also replacing mafic minerals. Section from 85.3 to 85.8																				
			has pervasive carbonate but only one carbonate vein is well																				
			foliated, trace disseminated mariposite.																				
			From 85.0 to 85.3 is a buff/grey colored dyke, lower and																				

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 5 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
			upper contacts at 45°. Sericitic spots (possibly feldspar),																			
			pyrite replacing mafics and along foliations.																			
86.3	87.4	FP	.FELDSPAR PORPHYRITIC ANDESITE	86.3	87.4	-	9		70	86.3	87.4	-	4	4		86.1	87.1	91388	5			
			Light grey, extremely fractured with almost all pieces of core	85.3	88.4	100																
			clay-like. Pervasive and fracture fill carbonate. Pervasive																			
			sericite, most probably the basal section of the interval																			
			directly above. Well foliated at 45° to CA.																			
87.4	88.4	FP	FELDSPAR PORPHYRITIC ANDESITE				-		20	87.4	88.4	-	4	2	2	87.1	88.1	91389	10			
			Continuation of interval above but silica flooding has over-																			
			printed the sericitic alteration so that the core is locally																			
			siliceous but other sections are soft and sericitic. Silicified																			
			rock has clear carbonate fractures at 45° to CA (dominant																			
			direction).																			
88.4	93.4	FP	FELDSPAR PORPHYRITIC INTRUSIVE (?) - SPOTTY TEXT	88.4	93.4	-	1		3	88.4	93.4	-	3	2	4	88.1	89.1	91390	5			
			URE.	88.4	91.4	100										89.1	90.1	91391	5			
			Light grey to light greenish yellow colours. Spotted feldspar	91.4	94.5	100										90.1	91.1	91392	5			
			porphyritic texture observed locally but generally pervasive													91.1	92.1	91393	40			
			silification has obscurred the texture. Totally silicified													92.1	93.4	91394	5			
			sections have only trace pyrite, less silicified rock has 2%																			
			pyrite. Silica flooding accompanied by carbonate flooding so																			
			that silicified rock is also carbonaceous. Quartz/carbonate																			
			veins (< 1 cm) at 10° to 45° to CA. Local weak pervasive																			
			epidote accompanies silica/carbonate flooding causing rock																			
			to be yellow green in colour. Foliation observed locally,																			
			defined by sericite. Rare quartz only veinlets, discontinuous,																			
			< .3cm. 88.6 - 89.5 - Non silicified pyroxene porphyritic dyke.																			
			Pyroxene altering to chlorite on crystals margin. Fracture																			
			fill carbonate, some fractures also carry pyrite. Pyrite in																			
			matrix replacing mafics and locally on margins of pyroxene																			
			phenocrysts (Py = 1%).																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin				N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176				SHEET 6 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP		HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING		HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH					GEOCHEM							ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
93.4	94.5	FP	FELDSPAR PROPHYRITIC ANDESITE	93.4	94.5	-	Tr		60	93.4	94.5	2	3	4		93.4	94.5	91395	10			
			Light grey, extremely fractured. In appearance similar to																			
			86.5 to 87.4 but this interval is chloritic. Contact with above																			
			interval at 20° to CA.																			
94.5			END OF HOLE																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 1 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH					GEOCHEM						ASSAY				
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au
0.0	16.8		CASING (thick overburden)																
16.8	39.6		FELDSPAR PORPHYRITIC INTRUSIVE (SPOTTED																
			TEXTURE)	16.8	18.3	60	12		3	16.8	39.6	-	1	-					
			Light grey with 40% whole feldspar phenocrysts	18.3	21.3	70													
			All fractures are oxidized (rusty). No shears, non-foliated.	21.3	24.4	45													
			Locally very fractured in all directions. Disseminated fine	24.4	27.4	80													
			grained pyrite in matrix so that it appears feldspars are	27.4	28.9	100													
			encircled by pyrite.	28.9	30.5	100										33.5	35.5	91396	30
			Carbonate fracture fill, no carbonate veins.	30.5	33.5	80										35.5	36.6	91397	40
			Possible fault (rubble) at 33.8m	33.5	36.6	90										36.6	39.6	91398	10
			Final 0.9m has weak pervasive carbonate as well as fracture	36.6	39.6	80													
			fill carbonate. Also fracture density increases to 5 from 2.																
39.6	41.6	AP	AUGITE PORPHYRITIC ANDESITE (DYKE (?))	39.6	41.6	-	Tr		1	39.6	41.6	2	3	-					
			Upper contact at 45° to CA, lower contact broken.	39.6	42.7	100													
			Green grey, fine grained with pyroxene phenocrysts in a																
			feldspar rich matrix. Pervasive carbonate and chlorite.																
			Quartz/carbonate veinlets (<0.5 cm) at 30°, 20°, 45°, 120°.																
			At 39.9 the 92/carbonate veins have chloritic alteration																
			envelopes of 4 mm thickness and host rock is less																
			chloritic than in remainder of interval.																
41.6	42.1	FP	FELDSPAR PORPHYRITIC INTRUSIVE	41.6	42.1	-	12		1	41.6	42.1	-	1	-					
			As at 16.8 to 39.6 but less oxidized, more competent pieces																
			of core. Upper and lower contacts are broken.																
42.1	42.7	AP	AUGITE PORPHYRITIC ANDESITE	42.1	42.7	-	Tr		1	42.1	42.7	2	3	-					
			As at 39.6 to 41.6																
42.7	53	FP	FELDSPAR PORPHYRY INTRUSIVE - SPOTTED TEXTURE	42.7	53.0	-	15		3	42.7	53.0	-	2	-	1	42.7	43.7	91351	50
			Light grey colour, porphyritic with phenocrysts to 5 mm.	42.7	45.7	100										43.7	44.7	91352	75
			Phenocryst volume ~40%. Abundant very fine grained pyrite,	45.7	48.8	100										44.7	45.7	91353	60
			yellow colour. Pyrite appears to be replacing mafic minerals.	48.8	51.8	100										45.7	46.7	91354	Lost
			Fine fractures in many directions, carbonate filled. Hairline,	51.8	54.9	100										46.7	47.7	91355	80

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 2 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
			clear quartz filled fractures, many directions. Possible													47.7	48.7	91356	75			
			mariposite at 52.1m. Does not appear to be foliated.													48.7	49.7	91357	85			
			Rare rusty fracture planes.													49.7	50.7	91358	140			
			Rare milky quartz/carbonate veins at 40° to CA (6 mm).													50.7	51.8	91359	110			
			Interval ends with quartz/carbonate vein (4mm) at 10° to CA.													51.8	53	91360	130			
53.0	57.7	HP	HORNBLENDE PORPHYRY	53.0	57.7	-	2		10	53.0	57.7	-	3	2	-	53	55	91361	170			
			Light grey, siliceous, feldspars are sausseritized.	54.9	57.9	100										55	57	91362	75			
			sections show phenocrysts of hornblende, other sections													57	58	91363	75			
			are very fine grained non porphyritic. At bottom of interval is																			
			a distinct breccia texture. Very fractured in many directions,																			
			filled with carbonate. Quartz vein (5mm) at 54.7, 20° to CA.																			
			Disseminated pyrite is medium grain forming discrete cubic																			
			shapes. At 53.3, very fine 'grained pyrite in quartz veinlet at																			
			55° to CA. The core has such abundant carbonate filled																			
			fractures cannot determine if carbonate is pervasive within																			
			the host. Sericite fracture planes but the rock is not foliated.																			
			The very 'fine grained sections are siliceous but have pervas-																			
			ive carbonate and carbonate fractures. Also have ghosty,																			
			sausseritized feldspar. Hornblende porphyritic predominant																			
			from 53.4 to 54.2 and 56.5 to 57.2. This interval is either a																			
			hornblende intrusive cut by siliceous dykes or a siliceous																			
			volcanic cut by hornblende intrusive.																			
57.7	60.4	FP	FELDSPAR PORPHYRY (?) ALTERED	57.7	60.4	-	10		20	57.7	60.4	-	4	2	-	58.0	59.4	91364	60			
			Light grey.	57.9	61.0	100										59.4	60.4	91365	65			
			Pervasive, fracture fill and vein carbonate. Clay fault gouge																			
			at 59.5 and at 60.1. Locally feldspar phenocrysts are																			
			observed so this is possibly the feldspar porphyry but overall																			
			it is so altered and fractured the original rock type is difficult																			
			to determine. Thicker (3mm to 5mm) milky carbonate veins																			
			at 40°, 45°, 10°. Sericitic fractures and clay on fractures but																			
			non foliated. Very fine grained pyrite ranges from 2% to loc-																			
			ally 15%, generally 7%. Locally pyrite replaces mafics but																			
			generally is disseminated in ground mass with ghosty white																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
	FIELD CO-ORDINATES	DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 3 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
			feldspar being unpyritic.																			
60.4	62.5	AND	ANDESITE	60.4	62.5	-	Tr		5	60.4	62.5	3	4	-	-	60.4	62.5	91366	15			
			Green grey, fine grain, non-porphyritic. Fine to medium	61	64	100																
			grained disseminated pyrite. Pervasive and fracture fill car-																			
			bonate. Fractures range from 10° to 50° to CA, rarely 0°.																			
			Upper contact at 45°, lower contact 20°. Quartz carbonate																			
			veinlets (<3mm) milky, irregular, at same angles as fracture																			
			fill carbonate. From 60.8 to 61.1 - feldspar porphyry as at																			
			57.7 to 60.4. Upper contact 50°, lower contact broken.																			
62.5	63.8	FP	FELDSPAR PORPHYRY (ALTERED)	62.5	63.8	-	2		50	62.5	63.8	2	4	2		62.5	63.8	91367	25			
			Light grey, extremely fractured. Similar to 57.7 to 60.4 but																			
			far more fractures. Many pieces are so fractured they fall																			
			apart when handled. Sericite, clay on fracture surfaces.																			
			Pyrite is fine grained and occurs disseminated in matrix.																			
			Pervasive and fracture fill chlorite.																			
63.8	69.1	AP	AUGITE PORPHYRITIC ANDESITE	63.8	69.1	-	1		10	63.8	69.1	3	4	1	-	63.8	65.8	91368	40			
			Grey green, fine grained but locally ghosty pyroxene pheno-	64.0	67.1	100										65.8	67.8	91369	20			
			crysts (3% volume) are visible. Pervasive chlorite, feldspar	67.1	70.1	100										67.8	69.1	91370	20			
			to epidote. Pervasive and fracture fill carbonate. Irregular																			
			veinlet (<5mm) carbonate ranging from 10° to 60° to CA.																			
			At 66.9'Milky/cream quartz carbonate epidote "vein" (35°)																			
			4cm, ill defined vein margins more like a pervasive																			
			flooding, but no distinct central fracture. This is cut by																			
			carbonate veinlets at 20° to CA. Interval does not appear to																			
			be foliated. Local sections extremely fractured and chloritic																			
			so that they core breaks apart when handled. Local sections																			
			appear similar to 60.4 to 62.5																			
69.1	75.9	FP	FELDSPAR PORPHYRY - WEAKLY FOLIATED	69.1	75.9	-	10		50	69.1	75.9	1	4	1	-	69.1	70.1	91371	35			
			Light grey, fine grained but locally feldspar phenocrysts are	70.1	73.2	100										70.1	71.1	91372	30			
			observed. Extremely fractured. Pervasive and fracture fill	73.2	76.2	100										71.1	72.1	91373	30			
			carbonate similar to 62.5 to 63.8 but more pyritic with thick													72.1	73.1	91374	80			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 4 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
			quartz/carbonate veins hosting fine grained pyritized breccia													73.1	74.1	91375	60			
			fragments. Weak pervasive sericite. Pyrite is fine grained													74.1	75.1	91376	60			
			and occurs in fractures or disseminated in the matrix (5%).													75.1	76.1	91377	655			
			Locally very fine grained pyrite occurs as "clots" or floods.																			
			73.5m - 3.5m quartz/carbonate/pyrite vein at 70° to CA.																			
			74.5 m and 74.8m - pyrite flooding. Calcite veinlet at 45° to																			
			CA at 74.8m.																			
			75.3 - 2 cm quartz/carbonate/ pyrite vein at 30°																			
			75.6 - 6 cm quartz/carbonate/pyrite vein at 10°																			
75.9	83.9	AND	ANDESITE - MODERATELY FOLIATED	75.9	83.9	-	3		30	75.9	83.9	-	3	3		76.1	77.1	91378	20			
			Grey green, fine grain. Pervasive and fracture fill carbonate.	76.2	79.3	100										77.1	78.1	91379	30			
			Trace mariposite at 81.6m. Pyrite is fiine grain and	79.3	82.3	100										78.1	79.1	91380	15			
			disseminated in matrix, locally as "clots" possibly replacing													79.1	80.1	91381	55			
			mafic mineralization (5%). Core ranges from extremely													80.1	81.1	91382	5			
			fractured (50%) to few fractures (2%). In hand sample surface													81.1	82.1	91383	15			
			of core looks silicified but it is not. Less white veining/													82.1	83.1	91384	5			
			fracture fill than in previous interval. At 80.7m mafic pheno-													83.1	84.1	91385	10			
			crysts occur in an irregular margined dyklet (20cm length).																			
			Lower contact 40°, upper contact at 20°. Below 82.2																			
			fracture density averages 10% and sericite content																			
			increases to 4. Local red/maroon colored ghosty streaks,																			
			possibly hematite. Pyrite decreases to 2%.																			
83.9	86.3	FP	FELDSPAR PORPHYRITIC ANDESITE (ALTERED)	83.9	86.3	-	3		10	83.9	86.3	-	3	4		84.1	85.1	91386	15			
			Light grey, obscure feldspar phenocrysts. Pervasive and	82.3	85.3	100										85.1	86.1	91387	5			
			fracture fill carbonate. Local carbonate veinlets especially																			
			from 83.9 to 85.0 and 85.8 to 86.3. Veinlets vary from 45° to																			
			60° to CA. Variably sericitic from weak at start of interval to																			
			strong at bottom of interval. Locally well foliated at 45° to 50°																			
			to CA. Fine grain disseminated pyrite along foliation planes																			
			and also replacing mafic minerals. Section from 85.3 to 85.8																			
			has pervasive carbonate but only one carbonate vein is well																			
			foliated, trace disseminated mariposite.																			
			From 85.0 to 85.3 is a buff/grey colored dyke, lower and																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 5 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au			
			upper contacts at 45°. Sericitic spots (possibly feldspar),																			
			pyrite replacing mafics and along foliations.																			
86.3	87.4	FP	.FELDSPAR PORPHYRITIC ANDESITE	86.3	87.4	-	9		70	86.3	87.4	-	4	4		86.1	87.1	91388	5			
			Light grey, extremely fractured with almost all pieces of core	85.3	88.4	100																
			clay-like. Pervasive and fracture fill carbonate. Pervasive																			
			sericite, most probably the basal section of the interval																			
			directly above. Well foliated at 45° to CA.																			
87.4	88.4	FP	FELDSPAR PORPHYRITIC ANDESITE				-		20	87.4	88.4	-	4	2	2	87.1	88.1	91389	10			
			Continuation of interval above but silica flooding has over-																			
			printed the sericitic alteration so that the core is locally																			
			siliceous but other sections are soft and sericitic.Silicified																			
			rock has clear carbonate fractures at 45° to CA (dominant																			
			direction).																			
88.4	93.4	FP	FELDSPAR PORPHYRITIC INTRUSIVE (?) - SPOTTY TEXT	88.4	93.4	-	1		3	88.4	93.4	-	3	2	4	88.1	89.1	91390	5			
			URE.	88.4	91.4	100										89.1	90.1	91391	5			
			Light grey to light greenish yellow colours. Spotted feldspar	91.4	94.5	100										90.1	91.1	91392	5			
			porphyritic texture observed locally but generally pervasive													91.1	92.1	91393	40			
			silification has obscurred the texture. Totally silicified													92.1	93.4	91394	5			
			sections have only trace pyrite, less silicified rock has 2%																			
			pyrite. Silica flooding accompanied by carbonate flooding so																			
			that silicified rock is also carbonaceous. Quartz/carbonate																			
			veins (< 1 cm) at 10° to 45° to CA. Local weak pervasive																			
			epidote accompanies silica/carbonate flooding causing rock																			
			to be yellow green in colour. Foliation observed locally,																			
			defined by sericite. Rare quartz only veinlets, discontinuous,																			
			< .3cm. 88.6 - 89.5 - Non silicified pyroxene porphyritic dyke.																			
			Pyroxene altering to chlorite on crystals margin. Fracture																			
			fill carbonate, some fractures also carry pyrite. Pyrite in																			
			matrix replacing mafics and locally on margins of pyroxene																			
			phenocrysts (Py = 1%).																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug 6/95	DATE COMPLETED August 7, 1995	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 6 OF 6	MAGNETIC DECLINATION 23°
LAT. 9995N	ELEV. 1550 m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9995E	LENGTH 94.5 m	BEARING 230°					DEP.	LENGTH	BEARING	HGB-95-1	DATE AUGUST 9, 1995

				GEOTECH				GEOCHEM								ASSAY				
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	Py		Frac Dens	FROM	TO	Chl.	Carb	Ser	Sil	FROM	TO	SAMPLE No.	Au	
93.4	94.5	FP	FELDSPAR PROPHYRITIC ANDESITE	93.4	94.5	-	Tr		60	93.4	94.5	2	3	4		93.4	94.5	91395	10	
			Light grey, extremely fractured. In appearance similar to 86.5 to 87.4 but this interval is chloritic. Contact with above interval at 20° to CA.																	
94.5			END OF HOLE																	

HEMLO GOLD MINES INC.

DATE COLLARED Aug.7/95	DATE COMPLETED Aug. 8/95	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
	FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 4 OF 4	MAGNETIC DECLINATION 23°
LAT. 9875N	ELEV. 1635M	DIP -60°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9672E	LENGTH 88.4M	BEARING 190°						DEP.	LENGTH	BEARING	HGB-95-2	DATE AUG. 11/95

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	PYRITE		FRACDEN	FROM	TO	CHL.	CARB	SER		FROM	TO	SAMPLE No.	AU			
			71.2 - quartz/carbonate veinlet at 20°, 5mm, oxidized.																			
			70.2 - vuggy core at 30° to CA.																			
			Final 50cm has more finely crystalline feldspar.																			
72.7	76.8	HB	HORNBLENDE PORPHYRITIC ANDESITE	72.7	76.8	-	2		10	72.7	76.8	-	2	3								
			Light grey to grey brown colour. Varying textures from very	73.2	76.2	90										73.7	74.7	91428	135			
			fine grained to hornblende porphyritic. Upper contact at 30°,													74.7	75.7	91429	300			
			lower contact is ~50° but is not well defined. Weak foliation.													75.7	76.8	91430	200			
			Pervasive sericite alteration. Locally intensely fractured with																			
			carbonate fracture fill but no pervasive carbonate alteration.																			
			Very fine grained disseminated pyrite.																			
			72.7 - 72.8, 73.9 - 74.1, 74.5 - 74.8,, 75.1 - 75.2, 76.0 - 76.6,																			
			76.0 - 76.6: highly fractured sections with 50% fracture																			
			density. Fractures at 20°, 30°, more rarely 60°, 45°.																			
76.8	77.4	FP	FELDSPAR PORPHYRITIC (INTRUSIVE)	76.8	77.4	-	3		5	76.8	77.4	-	1	3		76.8	77.4	91431	225			
			Light grey, porphyritic.Feldspar phenocrysts dominant, minor	76.2	78.4	95																
			smaller hornblende crystals. Carbonate fracture fill. Lower																			
			contact is indistinct/gradational as if it has absorbed rock																			
			from interval 'below. Pervasive sericite, weakly foliated.																			
77.4	88.4	AND	FELDSPAR PORPHYRITIC ANDESITE (?)	77.4	88.4	-	2		1	77.4	88.4	1	1	1		77.4	79.4	91432	275			
			Medium grey to light maroon in colour. Fine grain to													81.4	83.4	91433	110			
			feldspar porphyritic. Local hornblende phenocrysts. No sharp													85.4	87.4	91434	35			
			contacts. Fine grained pyrite and pyrite in some fractures.													87.4	88.4	91435	55			
			Carbonate fracture fill,also sericite in fractures. Non foliated.																			
			Fractures at 25°, 30°, 40°. Local pervasive carbonate. Quartz																			
			carbonate veins (<1cm) at 45°, 80°, 20°. Locally pyrite up to																			
			10%, generally trace to 1%. Weak local chloritic alteration.																			
			Local pervsive secondary biotite. At 87.6 - Silica flooding																			
			adjacent to a 45° quartz (carbonate) vein (1cm). At 84.2 -																			
			Quartz/pyrite/carbonate flooding, 25° to CA.																			
88.4			END OF HOLE																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug.7/95	DATE COMPLETED Aug. 8/95	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
	FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176		SHEET 3 OF 4	MAGNETIC DECLINATION 23°
LAT. 9875N	ELEV. 1635M	DIP -60°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV. DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9872E	LENGTH 88.4M	BEARING 190°						DEP.	LENGTH BEARING	HGB-95-2	DATE AUG. 11/95

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	PYRITE		FRACDEN	FROM	TO	CHL.	CARB	SER	SIL	FROM	TO	SAMPLE No.	AU			
			parallel to CA. Silica flooded core adjacent to vein also																			
			contains increased pyrite (10%).																			
			59.5 - 60° to CA quartz/pyrite vein/flooded area. Vein 1cm,																			
			flooding 5 cm.																			
60.3	61.5	DI	DIORITE	60.3	61.5	-	2		2	60.3	61.5	-	1	-	3	60.3	61.5	91424	810			
			Same rock as above interval but 30% of the rock is silica																			
			flooded. Quartz flooding has indistinct margins. Quartz/																			
			carbonate veinlets at 40° to CA within flooded sections.																			
			Pyrite content increases to 5% in silica flooding. Overall																			
			pyrite content is generally 1%.																			
61.5	64.2	HP	HORNBLENDE PORPHYRY (INTRUSIVE)	61.5	64.2	-	1					-	-	1	-	61.5	64	91425	305			
			Light grey, fine grained matrix with 1mm - 3mm hornblende	61.0	64.0	100																
			phenocrysts. Porphyritic texture becomes better defined																			
			downhole. Hornblende, altered to biotite ± disseminated																			
			pyrite. Weak alignment of phenocrysts, possible foliation at																			
			45° to CA. Weakly sericitic. Pyrite is fine grained to medium																			
			grained and is generally cubic. Possible trace disseminated																			
			galena.																			
64.2	67.6	DI	DIORITE	64.2	67.6	-	1		-			-	-	-								
			Medium grey, fine grained. No silica flooding, fine grained																			
			disseminated pyrite. Similar to 55.1 to 60.3 but mafic miner-																			
			als are more finely crystalline. Fractures at 40° to CA, quartz																			
			± pyrite in fractures. Irregular contact with interval below.																			
67.6	72.7	AND	FELDSPAR PORPHYRITIC ANDESITE	67.6	72.7	-	Tr		1			-	-	1		70.0	71.5	91436	40			
			Light to medium grey, fine to medium grained. Most of													71.5	72.7	91426	75			
			interval shows feldspar crystals but locally rock is as above.																			
			Interval starts within 1 cm quartz/carbonate 'vein' at 20° to																			
			CA offset by horizontal carbonate fracture. Feldspar crystals																			
			euhedral, 1-3mm, 30% volume. Sericitic fracture surfaces.																			
			Rare epidote fractures. 70.2 - quartz/carbonate vein at 45°,																			
			6cm, vuggy oxidized.																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug.7/95	DATE COMPLETED Aug. 8/95	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE		PROJECT NO. 176			Sheet 2 of 4	MAGNETIC DECLINATION 23°
LAT. 9875N	ELEV. 1635M	DIP -60°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9872E	LENGTH 88.4M	BEARING 190°					DEP.	LENGTH	BEARING	HGB-95-2	DATE AUG. 11/95

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	PYRITE		FRAC DEN	FROM	TO	CHL	CARB	SER	EP	FROM	TO	SAMPLE No.	AU			
			Medium grained disseminated pyrite cubes. Galena in																			
			fractures at 31.6m and 37.0m.																			
37.5	38.6	DK	CHILLED MARGIN OF HORNBLENDE/FELDSPAR DYKE	37.5	38.6	-	3		-			-	-	-								
			below. Dark grey, fine grain at top becoming ghosty feldspar																			
			porphyritic downhole. Hornblende crystals altering to biotite																			
			38.4 - 38.6 - broken core with pieces of quartz vein approx-																			
			imately 3cm thick, 40° to CA. Quartz vein also contains																			
			chlorite blebs, trace pyrite.																			
38.6	52.6	DK	HORNBLENDE/FELDSPAR PORPHYRITIC DYKE	38.6	52.6	-	Tr		1			-	1	-	2							
			Medium green, porphyritic, spotted texture. Carbonate	39.6	45.7	100																
			fracture fill, epidote fracture fill, local epidote flooding.	45.7	48.8	95																
			Hornblende and feldspar phenocrysts vary in size and	48.8	51.8	100																
			proportion one to another. Hornblende crystals to 1 cm,																			
			feldspar rarely larger than 0.5 cm.																			
52.6	55.1	DK	HORNBLENDE/FELDSPAR DYKE-CHILLED LOWER MAR-	52.6	55.1	-	1		1			1	-	-	1							
			GIN.	51.8	54.9	100																
			Dark grey to black with <1mm white feldspar phenocrysts																			
			and ≤3mm hornblende crystals. Hornblende altering to																			
			chlorite. Feldspar are sausseritized. Epidote fracture fill.																			
			Lower contact broken.																			
55.1	60.3	DI	DIORITE	55.1	60.3	-	2		1			-	1	-	Sil 1	57.0	59.0	91422	1590			
			Light grey to browny grey, ghosty feldspar crystals, horn-	54.4	61	100										59.0	60.3	91423	2600			
			blende crystals. Contact with dyke above is broken. Fine																			
			grained disseminated pyrite. Pyrite also has cubic crystals																			
			in altered mafics. Hornblende altered to fine grained biotite																			
			with pyrite rims. No pervasive carbonate, local carbonate																			
			fracture fill. 'Core surface shows porphyritic texture but brok-																			
			en surface is not obviously porphyritic. Silica flooding from																			
			58.3 to 58.5, with no obvious quartz vein but fractures at 30°,																			
			40°, 60°. Carbonate in these fractures.																			
			59.3 - silica vein with 30% fine grained pyrite. Vein is 4mm,																			

HEMLO GOLD MINES INC.

DATE COLLARED Aug.7/95	DATE COMPLETED Aug. 8/95	CORE SIZE NQ	DIP TESTS				PROPERTY Granite Basin			N.T.S. No. 94C5	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE		PROJECT NO. 176			SHEET 1 OF 4	MAGNETIC DECLINATION 23°
LAT. 9875N	ELEV. 1635M	DIP -60°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY L. ERDMAN
DEP. 9872E	LENGTH 88.4M	BEARING 190°						DEP.	LENGTH	BEARING	HGB-95-2	DATE AUG. 11/95

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY	PYRITE		FRACTURE DENSITY	FROM	TO	CHL.	CARB	SER		FROM	TO	SAMPLE No.	AU			
0	3.0		CASING																			
3.0	16.1	TUFF	VOLCANIC TUFF	3.0	16.1	-	5		1			-	1	2		3.0	6.1	91401	8900			
			Light grey fine grained, no mafics. mariposite spot	3.0	6.1	50										6.1	7.1	91402	1210			
			at 4.0m, 5.0m. Locally ghosty feldspar crystals are observed	6.1	9.1	80										7.1	8.1	91403	300			
			From 3.0 to 9.1 the core is broken and rusty; 5.8m - maroon	9.1	12.2	95										8.1	9.1	91404	215			
			fault gouge, 7.6m - 4 cm oxidized shear at 50° to CA, 6.4m -	12.2	15.2	90										9.1	10.1	91405	525			
			rusty rubble.From 3.0 to 8.3 pervasive and fracture fill carbon	15.2	17.7	100										10.1	11.1	91406	335			
			ate 1% fine grained pyrite. Unfoliated. At 3.4m - 5mm quartz/													11.1	12.1	91407	380			
			carbonate veinlet @ 30° to CA with 1% galena and 1% pyrite.													12.1	13.1	91408	220			
			Below 6.2m - foliated, weakly sericitic, foliations at 45° to													13.1	14.1	91409	120			
			50° to CA, 3% to 5% fine grained pyrite in foliation planes.													14.1	15.1	91410	265			
			Indistinct contacts appear to be at 60° to CA.													15.1	16.1	91411	210			
16.1	18.5	DK	DYKE	16.1	15.5	-	1		1			-	1	-								
			Dark grey to black, fine grain with white <1mm feldspar	17.7	20.7	90																
			phenocrysts. Upper contact 30°, lower contact 45°. Has																			
			"cooked " the host andesite tuff for 10 cm at both upper and																			
			lower contacts. From 16.6 to 17.1 core appears similar to																			
			host rock tuff, a large Xenolith, or perhaps the dyke is																			
			irregular.Discrete medium grain to coarse grain pyrite																			
			crystals evenly disseminated. Conjugate fractures at 40° to																			
			45° and 130° to 135°. Fractures filled with carbonate ± pyrite																			
			and at 18.3 epidote is in fracture envelope.																			
18.5	30.5	DI	DIORITE - LEUCOCRATIC	18.5	30.5	-	3		-			-	-	-		18.5	20.5	91412	75			
			Light grey, medium grained, non foliated. Feldspar pheno-	20.7	23.8	100										20.5	22.5	91413	40			
			crysts to 3mm. Medium grained disseminated pyrite. 23.6m	23.8	26.9	100										22.5	24.5	91414	105			
			- 4mm quartz vein at 50° to CA with trace galena.	26.9	30.2	100										24.5	26.5	91415	100			
				30.2	33.5	100										26.5	28.5	91416	150			
30.5	37.5	HD	HORNBLENDE PORPHYRITIC DIORITE (?)	30.5	37.5	-	2		-			-	-	-		30.5	32.5	91418	85			
			Brown grey colour, fine grain to medium grain. Hornblende	33.5	35.5	100										32.5	34.5	91419	240			
			phenocrysts <1mm to 5mm. Rare feldspar phenocrysts of	35.5	36.6	95										34.5	36.5	91420	510			
			similar size. Hornblende altering to fine grain biotite ± pyrite	36.6	39.6	95										36.5	37.5	91421	300			

APPENDIX IV

STATEMENT OF COSTS

HEMLO GOLD MINES INC.
STATEMENT OF COSTS

PROJECT: **GRANITE BASIN** DATE: **December 14, 1995**

TYPE OF REPORT: Geological/Drilling

a) Wages: Geological Crew
No. of Mandays : 79
Rate per Manday: $215.73
Dates From : June 15 to September 9, 1995
Total Wages : $17.043.00

b) Food & Accommodations: Geological Crew Plus Drillers
No. of Mandays : 93
Rate per Manday: $27.50
Dates From : June 15 to September 9, 1995
Total Costs : $2,557.00

c) *Transportation:* Trucks
No. of Mandays : 40
Rate per Manday: $62.92
Dates From : June 15 to September 9, 1995
Total Costs : $2,517.00

d) Supplies:
No. of Mandays : 79
Rate per Manday: $36.91
Dates From : June 15 to September 9, 1995
Total Costs : $2,916.00

e) Drilling: Britton Bros. Diamond Drilling
No. of Meters: 182.9
Cost Per Meter: $75.80
Dates From: June 15 to September 9, 1995
Total Cost: $13,865.00

f) Analysis: $2,100.00
(See attached schedule)

g) Cost of Preparation of Report:
Author : 2 days x $300.00 = $600.00
Drafting: 2 days x $220.00 = $440.00
Typing : 1 day x $150.00 = $150.00

h) Other: Helicopter Flights
Total Cost: $21,089.00

Contractor: Pacific Western Helicopters
Fort St. James, B.C.

GRAND TOTAL $63,277.00

HEMLO GOLD MINES INC.

DETAILS OF ANALYSIS COSTS

PROJECT: Granite Basin

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL COSTS
ICP + Au	56 rocks	$15.00	$ 840.00
ICP + Au	84 core	$15.00	$1,260.00

APPENDIX V

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Linda R. Erdman, of the City of Vancouver, Province of British Columbia, hereby certify that:

I am a geologist residing at 1397 Matthews Avenue, Vancouver, B.C.

I have graduated from the Univeristy of British Columbia in 1978 with a BSc in geology, and in 1985 with an MSc in geology.

I have worked in mineral exploration since 1976.

I have been with Hemlo Gold Mines Inc. since March, 1995.

Linda Erdman

Linda R. Erdman, MSc.

9800N

9850N

9900N

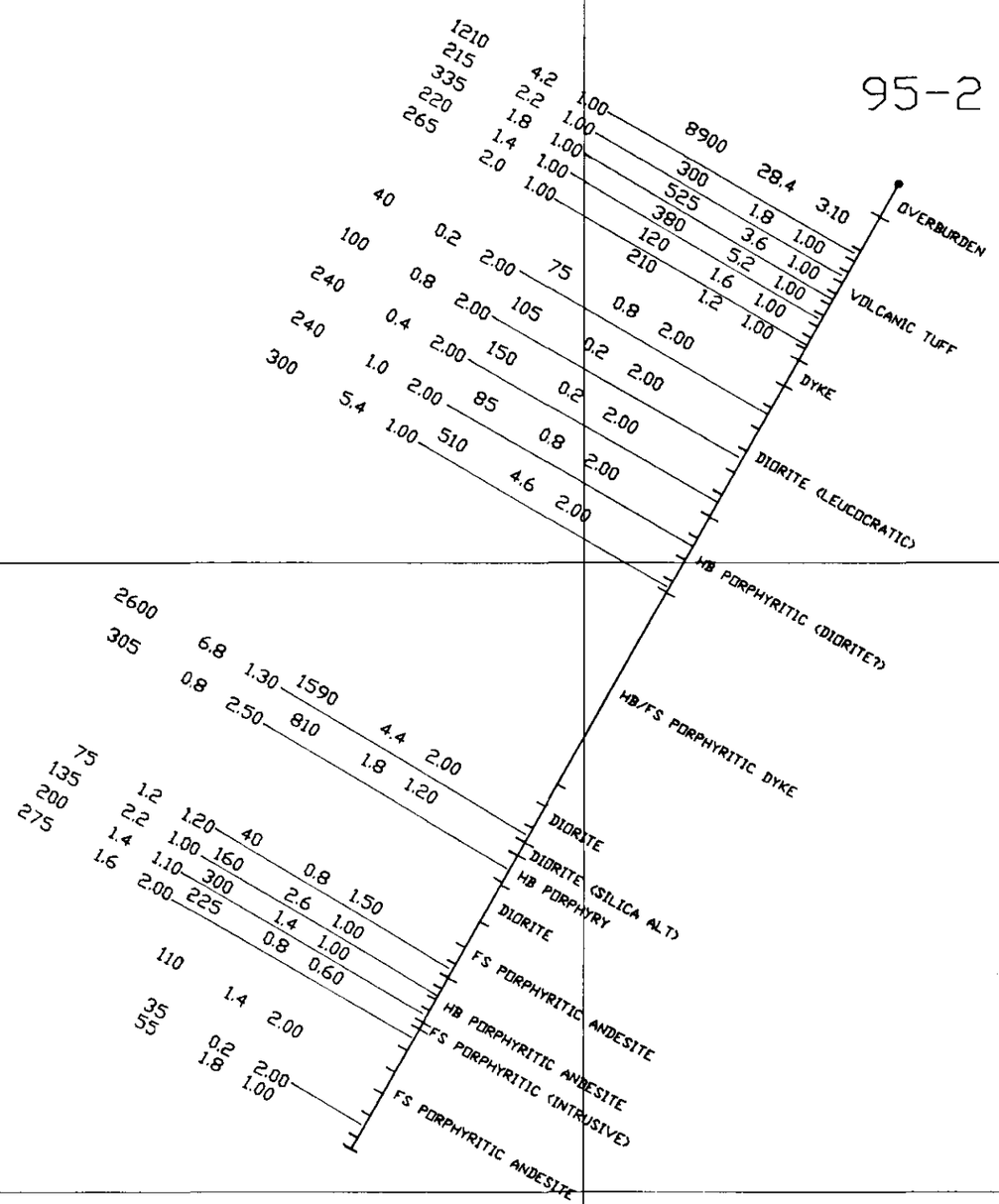
1750

1700

1650

1600

1550



95-2

88.40 m.

Hemlo Gold Mines Inc.

GRANITE BASIN

SECTION 9872E
DDH-G95-2

NORTH-SOUTH FACING WEST

Au(ppb), Ag(ppm), width(m), GEOLOGY

(1)

DATE: 95/10/05

SCALE: 1/500

DRAWING 5

9950N

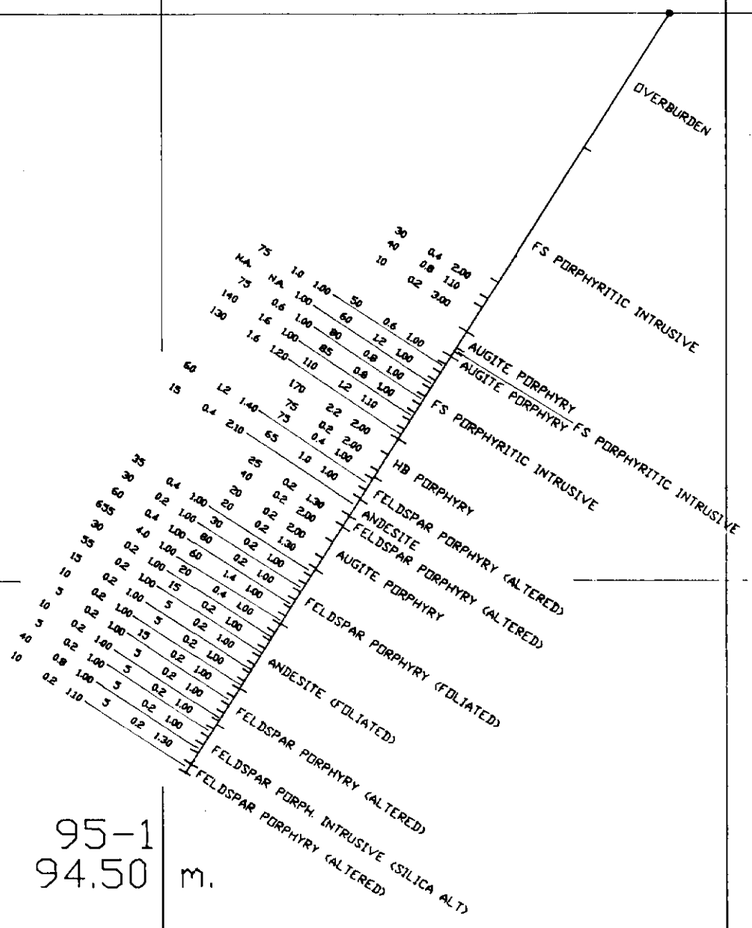
10000N

10050N

1550

95-1

1550



95-1
94.50 m.

1500

1500

1450

1450

Hemlo Gold Mines Inc.

GRANITE BASIN

SECTION 9995E
DDH-GB95-1

NORTH-SOUTH FACING WEST

Au(ppb), Ag(ppm), width(m), GEOLOGY

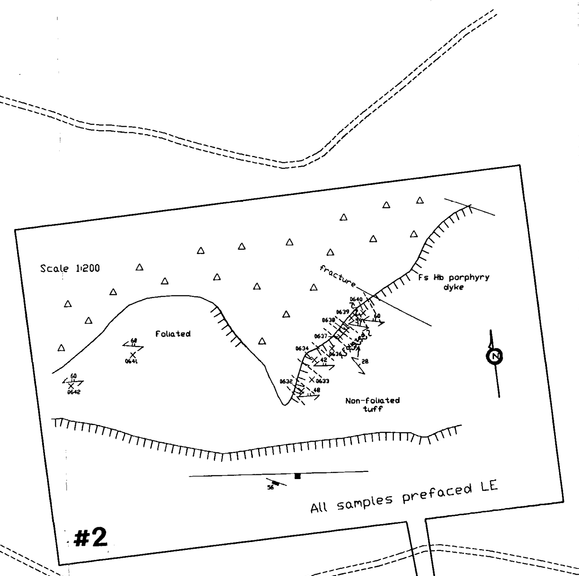
(2)

DATE: 95/10/05

SCALE: 1/500

DRAWING 4

Adit and Trenches Detail



SYMBOLS

- Fault/shear
- Schistosity
- Foliation
- Fracture
- Bedding/tops known
- Chip boundary
- Talus
- Station location/number

25 0 25 50 75 100M.

REVISED	GRANITE BASIN
	GEOLOGY and STRUCTURE
PROJ.No. 176	SURVEY BY: L.ERDMAN DATE: NOV.6.1995
N.T.S. 94C/5	DRAWN BY: G.MARTIN SCALE: 1:1000
DWG No. DWGNO 3	HEMLO GOLD MINES INC.
BASINGEO.DWG	OFFICE: VANCOUVER