87-149-15967

PERCUSSION DRILLING AND GEOCHEMICAL REPORT

ON THE

GOOSLY 1 AND GOOSLY 2 CLAIM GROUPS

OMINECA MINING DIVISION BRITISH COLUMBIA NTS 93L/1W LATITUDE 54° LONGITUDE 126° LONGITUDE 126° LATITUDE 54° LATITUDE 126° LA 11' 21.4'

OWNERS

LORNE WARREN AND KENGOLD MINES LTD.

FILMED

SUB-RECORDER

RECEIVED

VANCOUVER, B.C.

1987

OPERATOR

NORMINE RESOURCES LTD.

AUTHOR

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FOR

BEMA INDUSTRIES LTD. 900 - 609 WEST HASTINGS STREET VANCOUVER, B.C. V6B 4W4

JANUARY 1987

GEOLOGICAL BRANCH ASSESSMENT REPORT

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1.0 SUMMARY

The Goosly 1 and 2 claim groups consist of 12 mineral claims and comprise 142 units. The claims are under option to Normine Resources Ltd. and Amir Mines Ltd. from L. Warren and Kengold Mines Ltd. of Smithers, B.C.

The Goosly property is located 30 kilometres southeast of the municipality of Houston in west-central British Columbia. Access is by 38 kilometres of good gravel road to the Equity Mine and then by 6 kilometres of logging roads southwest to the northern and central part of the claims.

The main portion of the claims occupy the southwestern slope of an upland plateau where relief is moderate rising to 1,370 metres along the northern boundary of the claims from 900 metres at Goosly Lake.

The Goosly Lake area is within the intermontane tectonic belt, comprised principally of Mesozoic volcanic and sedimentary rocks cut by intrusive rocks ranging in age from early Jurassic to mid-Tertiary. The Mesozoic layered rocks are overlain by extensive areas of Tertiary volcanic rocks but are exposed in erosional windows or in areas adjacent to Tertiary cover rocks. Mesozoic felsic pyroclastic and lesser sedimentary rocks host the Equity silver-copper deposit six kilometres east of the Goosly 2 claim group. Current reserves of the Equity deposit are 15 million metric tonnes of 109 g/t silver, 0.85 g/t gold, 0.35% copper and 0.08% antimony.

Similar rocks to those hosting the Equity deposit have been discovered on Faraway Gold's Sam claim which adjoins the Goosly 2 group on the east. Drill cutting and core exhibit variable quartz-sericite alteration, pyritic breccia and sections of massive sulphides over significant hole lengths. Strongly anomalous silver and zinc values are associated with zones of higher sulphide content, best values include a one metre section of 715 g/t silver and a 0.45 metre section grading 1000 g/t silver.

Much of the Goosly 1 and 2 claims are drift covered. Tertiary volcanic rocks are exposed in road cuts near the northern boundary of the claim block. Late Cretaceous andesite lavas and breccias (Church 1971) are exposed on the Ken claim south of the Goosly Lake and on Klo Creek.

Orequest Exploration Syndicate conducted soil geochemical bulldozer trenching and limited percussion drilling in the northern part of the property (Cochrane, 1970).

Soil geochemical and geophysical surveys were conducted on the Goosly 1 and Goosly 2 claim groups in 1985.

Soil sampling of the west grid and percussion drilling of induced polarization (I.P.), resistivity and soil geochemical anomalies outlined during 1985 on the east and west grids was carried out during the 1986 exploration program.

Percussion drilling on the Goosly 1 claim group failed to penetrate bedrock within the area of the I.P. anomalies. Drilling of geophysical-geochemical anomalies on the Goosly 2 claim group located three zones of altered pyritic tuff. The altered zones contain geochemical anomalous amounts of As, Mn, Pb, Sb, Zn, Au and Ag.

1.1 CONCLUSIONS

- 1. The depth of overburden intersected in percussion drilling (to 88 metres) on the West Grid (Goosly 1 claim group) precludes any meaniful reflection of bedrock geochemistry from the soil geochemistry.
- 2. Induced polarization anomalies within areas of deep overburden on Goosly 1 and Goosly 2 claim groups are thought to be caused by conductive glacial clays or detritial magnetite within gravels.
- 3. Altered pyritic tuff intersected in PH 86-07 and PH 86-08 contain geochemically anomalous amounts of As, Mn, Pb, Sb, Zn, Au and Ag. The "geochemical signature" of the anomalous elements is similar to what would be expected peripheral to an Equity Silver-Copper type deposit.
- 4. Porphyritic andesite penetrated in drilling on the Morning claim is considered to be Tip Top Hill volcanic rocks.

1.2 RECOMMENDATIONS

Further percussion drilling to define the geochemically anomalous zones discovered in PH 86-07 and PH 86-08 is recommended followed by diamond drilling of valid targets.

2.0 INTRODUCTION

Normine Resources Ltd. completed a percussion drilling program and a soil geochemical survey on the Goosly 1 and Goosly 2 claim groups located near Equity Silver mine in west-central British Columbia during the period September to November, 1986.

Percussion drilling was done on the Morning, Tet 2, Dave, Sept 1 and Sept mineral claims.

The purpose of the exploration work on the Goosly claims is to explore for a "Equity type" silver-copper deposit which has current reserves of 15 million tonnes of 110 g/ton silver, 0.85 g/ton gold and 0.35% copper. Percussion drilling was targeted to test a number of geophysical and geochemical soil anomalies that were outlined during 1985.

2.1 LOCATION AND ACCESS

The mineral claims are situated at Goosly Lake, 30 kilometres southeast of the municipality of Houston in west-central British Columbia (Figure 1). The geographic centre of the claims is at latitude 54°12' North and longitude 126°22' West.

Houston is on Provincial Highway 16 and the northern CN rail line. The town of Smithers, 64 km northwest of Houston has daily scheduled airline service from Vancouver.

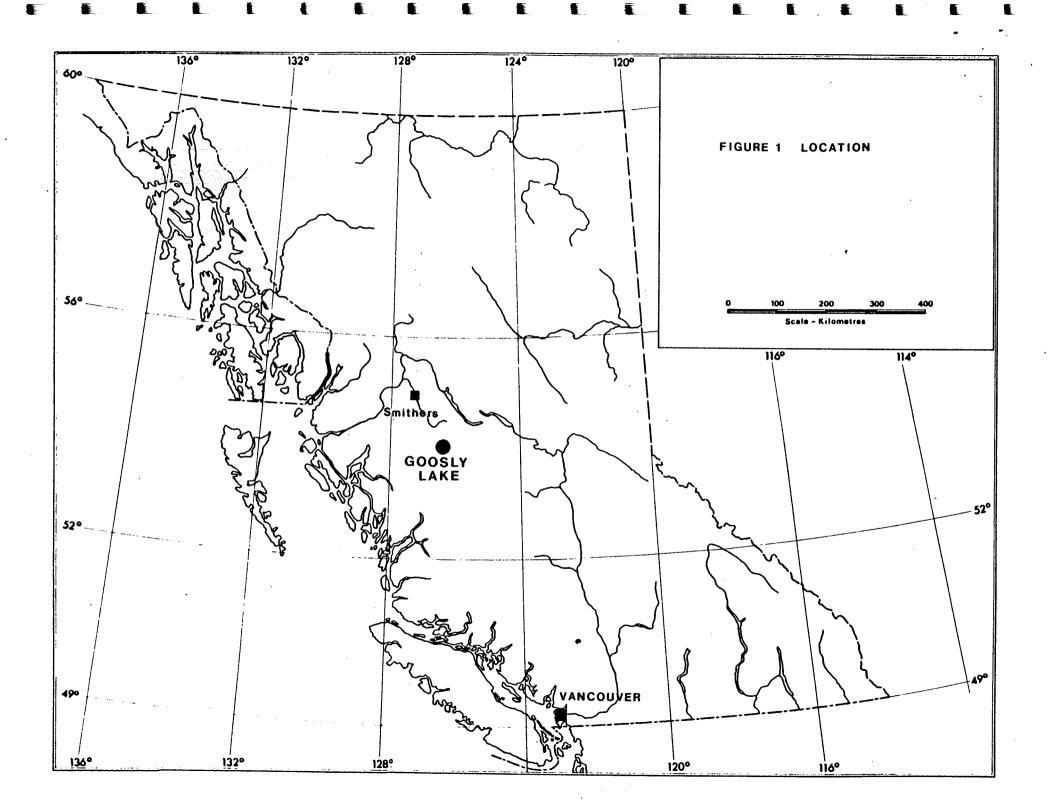
Access to the claims is by 38 kilometres of good surface gravel road linking Houston with Equity mine (Figure 2). Old logging roads, some of which require 4 wheel drive vehicles, provide access to the northern and central part of the claims (Figure 3). Alternate access to the area is afforded by the Buck Creek road to Highway 16.

2.2 PHYSIOGRAPHY

The mineral claims are situated within the Nechako plateau, the northernmost subdivision of the Interior Plateau. The main portion of the claims occupy the southwestern slope of a upland plateau where relief is moderate rising to 1,370 metres along the northern boundary from 900 metres at Goosly Lake.

The logging road into the northeast part of the claim block (Figure 3) is along the break in slope below which the topographic gradient decreases and overburden is extensive.

Much of the original forest cover of jackpine and spruce has been removed by forest fire and recent logging. Small second growth jackpine is extensive in old burn areas.



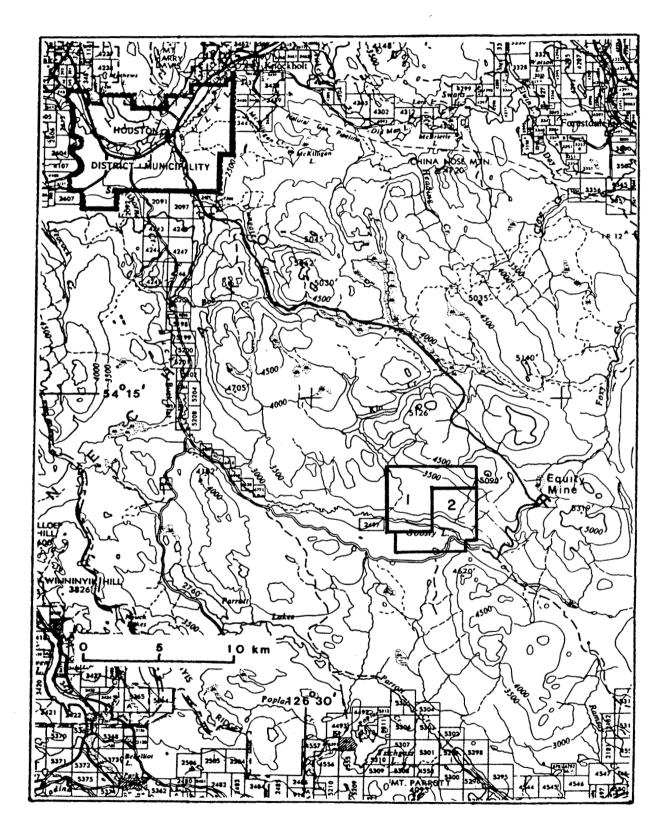


FIGURE 2- LOCATION - GOOSLY 1 CLAIM GROUP AND GOOSLY 2 CLAIM GROUP

2.3 CLAIM STATUS

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The present claims, known as the Goosly 1 and Goosly 2 claim groups, are owned by Lorne Warren and Kengold Mines Ltd. and are under option to Normine Resources Ltd. and Amir Mines Ltd. All pertinent data relating to the status of the claims is shown in Table I.

TABLE I

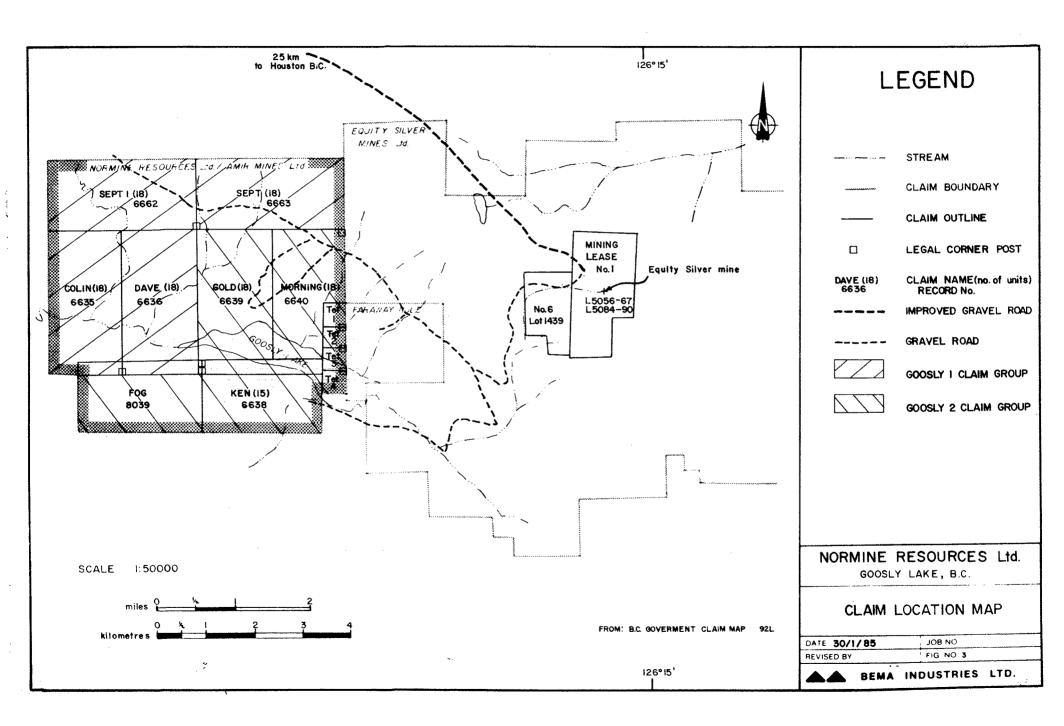
CLAIM NAME	UNITS	RECORD NO.	GROUP	OWNER	RECORD DATE	EXPIRY DATE
Colin	18	6635	Goosly l	L. Warren	Sept. 19, 1984	Sept 19, 1990
Dave	18	6636	Goosly l	L. Warren	Sept. 19, 1984	Sept 19, 1991
Sept l	18	6662	Goosly l	L. Warren	Sept. 21, 1984	Sept 21, 1990
Sept	18	6663	Goosly l	L. Warren	Sept. 21, 1984	Sept 21, 1990
Ken	15	6638	Goosly 2	L. Warren	Sept. 19, 1984	Sept 19, 1993
Gold	18	6639	Goosly 2	L. Warren	Sept. 19, 1984	Sept 19, 1993
Morning	18	6640	Goosly 2	Kengold Mines Ltd.	Sept. 19,	Sept 19, 1993
Tet l	1	6073	Goosly 2	Kengold Mines Ltd.	March 6,	March 6, 1993
Tet 2	1	6074	Goosly 2		March 6,	March 6, 1993
Tet 3	1	6075	Goosly 2	Kengold Mines Ltd.	March 6,	March 6, 1993
Tet 4	1	6076	Goosly 2	Kengold Mines Ltd.	March 6,	March 6, 1993
Fog	15	8039	Goosly 2	Kengold Mines Ltd.	Oct. 23,	October 23, 1992

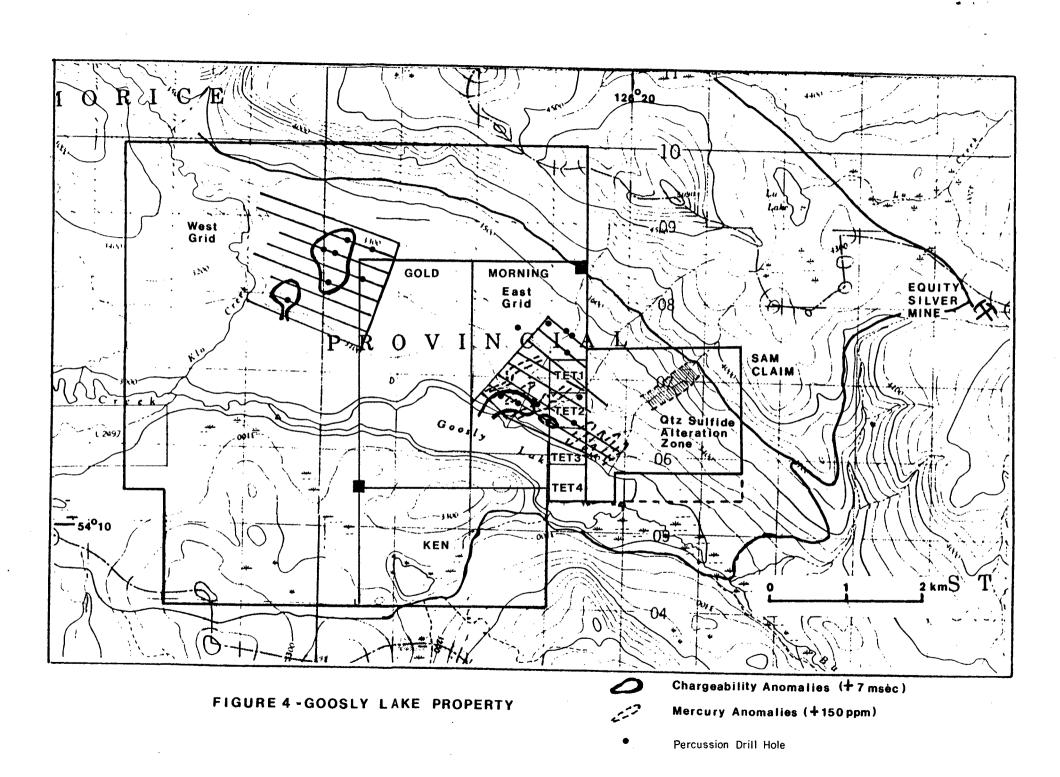
2.4 HISTORY

The discovery of the Sam Goosly silver-copper deposit (now Equity Silver mine) in 1968 resulted in the location of numerous mineral claims throughout the general area.

The area of the present claims was held in 1969 by several companies and a variety of exploratory work was carried out.

Orequest Exploration Syndicate conducted soil geochemical surveys, bulldozer trenching and limited percussion drilling in the northern part of the present property (Cochrane, 1970).





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The majority of the current mineral claims comprising the Goosly 1 and Goosly 2 claim groups were located in September of 1984 by Lorne Warren of Smithers, B.C. who subsequently optioned them to Normine Resources and Amir Mines Ltd.

In June of 1985, Bema Industries Ltd. undertook 14.1 kilometres of line cutting on parts of the Dave and Sept 1 mineral claims (West Grid) and 10.5 kilometres of line cutting on the Morning and Tet 1-4 claims (East Grid). A geochemical survey, consisting of the collection of soil samples, was carried out over the East grid. Geophysical surveys including Induced Polarization, magnetometer and VLF-Em surveys were completed over both East and West Grids.

2.5 PRESENT WORK

During 1986 a percussion drill program and a soil geochemical survey were completed over portions of the Goosly 1 and 2 claim groups. Various aspects of the surveys are itemized below:

- 1. Percussion Drill Program
 - a) Percussion Drilling 24 holes, 1326.5m (4352')
 - b) Percussion sampling and geologic logging
 24 holes, 419 samples
 - c) Drill road and drill pad construction via 1150 case and D-7 caterpillars 5.8 km, 29 drill pads
 - d) Rock geochemistry
 281 percussion samples analyzed for 12 element I.C.P.
 58 percussion samples analyzed for 27 element I.C.P.
 29 pulp geochem analyzed for Au

2. Soil Geochemical Survey

114 soil geochemical "A" Horizon samples analyzed for Hg 205 soil geochemical "B" Horizon samples, 134 samples analyzed for Au, Zn, As and Ag. 3.0 REFERENCES

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4.0 DISTRICT GEOLOGY

The Goosly Lake area is within the Intermontane tectonic belt, comprised principally of Mesozoic volcanic and sedimentary rocks cut by intrusive rocks ranging in age from early Jurassic to mid-Tertiary. The Mesozoic layered rocks are overlain by extensive areas of Tertiary volcanic rocks, but are exposed in erosional windows or in areas adjacent to the Tertiary cover rocks. Mesozoic felsic pyroclastic and lesser sedimentary rocks host the Equity silver-copper deposit six kilometres east of the Goosly 2 claim group (Figures 3 and 4). The deposit is a grossly tabular zone which is crudely conformable with the host rocks. Iron-copper-silver-antimony sulfides and lesser galena and sphalerite occur as disseminations, fracture and breccia fillings and veins over a strike length of 1500 metres. Current reserves are 15 million tonnes of 109 g/t silver, 0.85 g/t gold, 0.35% copper and 0.08% antimony. A distinctive clay alteration guartz, deposit and includes sericite, zone surrounds the andalusite, tourmaline scorzalite, corundum and some dumortierite (Wojdak and Sinclair, 1984).

Bracketing the Equity deposits on the west and east are an Eocene quartz monzonite stock with weak copper-molybdenum mineralization and a slightly younger gabbro-monzonite intrusive complex. A series of dykes occur between the intrusives and many of these cut the mineralized zones.

Similar rocks to those hosting the Equity deposit have been found on Faraway Gold's Sam claim, which adjoins the Goosly 2 group on the east (Figure 4). Drill cuttings and core exhibit variable quartz-sericite alteration, pyrite breccia and sections of massive sulfides over significant hole lengths. Strongly anomalous silver and zinc values are associated with zones of higher sulfide content; best values to date include a 1 metre section grading 715 g/t silver and a .45 metre section grading 1000 g/t silver. The zone as defined to date appears to trend into the Goosly 2 claim group (Figure 4).

4.1 PROPERTY GEOLOGY

Much of the property of the Goosly 1 and 2 claim groups is drift covered with bedrock exposures restricted to higher elevations. Within the Goosly 1 claim group bedrock exposures are restricted to the northern claims at higher elevations and in the vicinity of the Klo Creek. Tertiary volcanic rocks are exposed in road cuts and along ridges on the Sept 1 and Sept claims. Late Cretaceous andesitic lavas and breccias (Church, 1971) are exposed along Klo Creek. Tertiary (Eocene) Buck Creek basaltic andesites are exposed south of Goosly Lake of the Fog mineral claims. Percussion drilling during 1986 shows that overburden on the Sept and Dave claims below the break in slope (near access road) is in excess of 88 metres. As well, much of the Goosly 2 claim group is drift covered with Tertiary Goosly Lake volcanics exposed in road cuts near the northeast boundary of the claim block. Late Cretaceous Tip Top Hill andesitic lavas and breccias (Church 1971) are exposed on the Ken claim south of Goosly Lake and near the boundary with the Sam claim and possibly parts of the present claims north of Goosly Lake.

Percussion drilling on the Morning and Tet 2 claims show that overburden depths vary from in excess of 96 metres near Goosly Lake (within 300 metres) to six metres deep 650 metres upslope. Bedrock penetrated is predominated porphyritic andesite flows with minor tuffs. Olive green, grey, purple-green and reddish coloured andesite flows contain varying percentages of fine feldspar phenocrysts and biotite. Disseminated magnetite/hematite is generally present in amounts less than .5%.

Altered tuff (sericite-quartz-clay) containing pyrite (up to 10% by volume) was intersected in PH 86-07 and PH 86-08. The altered zone in PH 86-08 is underlain by purplish to green coloured fine grained hematic and magnetite volcanic rock with the odd euhedral feldspar phenocryst. The altered zones in PH 86-07 are separated by grey-greenish fine grained volcanic with fine feldspar phenocrysts, .2% disseminated magnetite and weak hematite alteration.

5.0 PERCUSSION DRILLING

INTRODUCTION

The percussion drilling was done by L. Spence Enterprises Ltd. of Vancouver, B.C. During the period October 20 to November 11, 1986 24 percussion drill holes including PH 86-01 to PH 86-22, PH 86-03A and PH 86-19A were drilled for a total of 1,326.5 metres (4,352 feet).

An Atlas Copco hammer drill mounted on a Sherman Tank was utilized for the drilling. The percussion system uses a combination of compressed air and water to retrieve the pulverized rock to surface.

A certain amount of contamination of the sample is unavoidable because the returning rock slurry passes between previously drilled rock and the outside of the drill rod on its way to surface. Casing is generaly drilled only to 15-20 metres depth in overburden because the rods usually become very tight and lost rods become costly at \$1,000.00 per 10 foot section.

SAMPLING PROCEDURE

The surface sample was mechanically split at a ratio of 8:1 with the 1/8 portion caught in a settling pail. Rock fragments settle to the bottom and the overflow is allowed to escape. Samples were taken every 10 feet (3.048 metres) down the hole. A small amount of floculent was mixed with the sample slurry and the mixture allowed to settle for approximately 5 to 7 minutes. The water was drained off and the remaining sample placed in a 10" x 17" Hubco sample bag which being made out of a strong perforated synthetic material allows the water to drain. A small plastic vial was filled with a representative portion of the sample and retained for binocular examination. These vials were marked with hole number and footage and stored in the Company's office located in Vancouver, B.C.

GEOLOGIC LOGGING

The percussion samples were logged by the author at the drill site as the percussion hole was advanced. This allows for immediate decisions on hole problems or the termination of the hole by the geologist. A binocular microscope was used to examine the sample as the fineness of the pulverized material precludes a detailed unaided visual observation. Conclusive rock type determinations are still difficult even with the detailed binocular descriptions.

The sample was also panned to allow visual observation of heavy minerals, in this particular instance predominately magnetite and pyrite were observed. The water colour of the returned rock slurry was also noted as the water is returned somewhat faster than the rock fragments giving more sharply defined geologic breaks. The following observations concerning water coloration were made:

- black water colour could be indicative of strong pyritization or massive sulphide;
- 2. a whitish water colour could be indicative of quartz-sericiteclay alteration;
- 3. a reddish-purple colouration could be indicative of hematization.

All geologic logs PH 86-01 to PH 86-022 are located in Appendix I.

GEOLOGY

Percussion drill holes PH 86-01 to PH 86-11, PH 86-21 and PH 86-22 were drilled on the Goosly 2 claim groups and PH 86-12 to PH 86-20 were drilled on the Goosly 1 claim group. See Figures 5 and 6 for hole location maps.

PH 86-01 to PH 86-05 tested a westerly trending I.P. anomaly. All of these holes failed to reach bedrock penetrating in excess of 96 metres of till, fine grained sand and silt containing varying amounts of detrital magnetite up to 5-10% by volume. The remainder of the holes drilled on the Goosly 1 claim group were designed to test magnetic and resistivity lows. The holes intersected predominately andesitic volcanics which were usually a light grey, purple green, olive green or reddish (hematitically altered) coloured fine grained feldspar porphyritic andesite containing varying amounts of disseminated magnetite usually in amounts less than 0.5% by volume.

Altered pyritic rocks were intersected in PH 86-07 and PH 86-08. Pyrite concentrations were in amounts up to 10% by volume. The altered rocks are composed of clay-sericite quartz and could be altered fine grained tuffs. Minor pyrite (.1-.2%) was noted in PH 86-09 and PH 86-10.

Percussion holes PH 86-12 to PH 86-18 drilled on the Goosly 2 claim tested a series of northeasterly trending I.P. anomalies. All holes failed to penetrate bedrock and intersected overburden consisting of either clay-boulder till, pebble gravel, sand, silt or clay. A thick section of clay was intersected in PH 86-12. PH 86-12 was drilled to 90.5 metres and may have penetrated bedrock at the bottom of the hole.

Percussion holes PH 86-19, 19A and 20, also drilled on Goosly 1 claim, are located on the access road near the entrance to the west grid, see Figure 5. Outcrop near the road was examined by the author and is believed to be Tip Top Hill andesite. A description is given below:

"Medium olive green coloured, medium to fine grained porphyritic andesite with approximately 20% tan-whitish (2 mm x 8 mm) euhedral feldspar laths and less than 1% 1-2 mm biotite phenocrysts and .1 to .2% disseminated magnetite."

PH 86-19, 19A and 20 intersected volcanics similar to the above description as well as a light grey coloured finely porphyritic volcanic with varying amounts of disseminated magnetite and hematitic alteration.

6.0 ROCK GEOCHEMISTRY

A total of 339 percussion samples from holes PH 86-01 to 11 and PH 86-19 to 22 were submitted to Min-En Laboratories Ltd. of North Vancouver for analyses. Overburden samples from PH 86-12 to 18 were not submitted for analysis and are stored at Lorne Warren's warehouse, Newens Road, Smithers, B.C.

Min-En Laboratories Ltd. geochemically analyzed the above samples via I.C.P. for the followed elements: Ag, As, Cd, Cu, Fe, Mn, Mo, Ni, Pb, Sb, V, Zn, and Au; in addition 58 of the above samples were geochemically analyzed for: Al, B, Ba, Be, Bi, Ca, Co, K, Li, MG, Na, P, Sr and Th. The results are shown in Appendix II.

Min-En Laboratories Ltd. as well, carried out a statistical study of the results, analytical procedures, histogams and cumulative probability plots (for elements: Ag, Mn, Pb, Zn, As, Cu, Ni, Sb, Au) which are included in Appendix IV. A summary of the statistical results are shown in Table II.

Element	Value Range	Mean	Background (2)	Standard Deviation ()	Threshold (mean + 2)
Ag	0.1 - 1.1	.47	0.38	0.19	0.85
As	1 - 111	10.14	36.02	18.01	46
Cu	13 - 154	27.12	21.96	10.98	49
Pb	8 - 203	33.38	46.32	23.16	80
Sb	3 - 15	7.1	4.04	2.02	11
Zn	23 - 757	58.09	116.74	58.37	175
Mn	189 - 3353 7	789.52	862.78	431.39	1650
Au	3 - 50*	5.95	6.94	3.47	25*
Ni	2 - 71	12.71	13.34	6.67	26

TABLE II

Note all values in ppm except for *ppb.

Based on the results of the above statistics rock geochemical anomalies have been determined and listed in Table III.

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TABLE III ROCK GEOCHEMICAL ANOMALIES

ANOMALY NO.	PERCUSSION HOLE NO.	METRAGE (FOOTAGE)	ANOMALOUS ELEMENTS (VALUE RANGE PPM PPB) [WELL ABOVE BACKGROUND]	ROCK TYPE
I	PH 86-08	14.3-57.0 (47-87)	As(39-111), Mn(1185-3353) Pb(610-203), Sb(6-12) Zn(118-757), Au(5-20)* Ag[.48]	Altered tuff ser-clay-qtz alter py to 5%
II	PH 86-09	50.9-60.0 (167-197)	Ag(.9), As(22-44) Mn(1120-3014), Sb(11-14) Ag(.9-1.1), Pb[55-70]	Dacite/Andesite hem-ser alter'n .12 diss Mt
III	РН 86-10	8.2-26.5 (27-87)	Ag(.9-1.1), Sb(10-11)	Porphyritic and- esite and tuff - ser alter'd
IV	PH 86-07	75.3-78.3 (247-257)	Ag(.9), As(87), Cu(154) Sb(15), Pb[64]	Altered zone (75.3-83.5m) qtz-ser altered w/ py up to 10%
V	РН 86-07	32.6-44.8 (107-147)	Mn(1801-2030), Au(5-20) Pb(49-86), ZN(72-213)	Altered whitish grn rock qtz w/ py to 5%, ser altered (32.0- 44.8m)

Referring to correlation of coefficients tabulated in Appendix IV the following elements correlate in decreasing order.

Ag with Sb, Mn, As, Cu As with Pb, Mn, Sb, Zn, Ag, Cu Cu with Sb, Mn, Ag, As, Ni Mn with Pb, As, Zn, Sb, Ag, Cu, Au Ni with Cu, Sb Pb with Zn, As, Mn, Sb, Ag Sb with As, Mn, Ag, Pb, Zn, Ni Zn with Pb, Ag, Mn, Sb, Au Au with Zn, Mn

The strongest two element correlations in decreasing order are with:

Pb-Zn, Pb-As, Pb-Mn, As-Mn, Mn-Zn, As-Zn, As-Sb, Mn-Sb, Ag-Sb, Pb-Sb.

7.0 SOIL GEOCHEMISTRY

During the period September 22 to 25 sixteen man days were spent collecting soil samples from the West grid (Goosly 1 claim group) which had been previously established during 1985.

A total of 114 "A" horizon samples and 205 "B" horizon samples were collected from 50 metre stations along lines spaced at 200 metre intervals and from approximately 14 kilometres of grid.

Samples collected from every second sample site were shipped to Min-En Laboratories, Vancouver, for analyses. A total of 114 "A" horizon samples were analyzed for mercury and 134 "B" horizon samples were anlyzed for Cu, Zn, Ag and As.

The results of the percussion drilling program that followed show that the gridded area is underlain by thicknesses of glacial till, sand and gravels in excess of 89 metres which precludes any meaningful reflection of bedrock geochemistry from the soil geochemistry. As a result the data has not been statistically studied or contoured.

The results of the survey are shown in Appendix III.

APPENDIX I

PERCUSSION DRILL GEOLOGIC LOGS

		HOLE: ANGLE				GRID LOCATION: LI2N 44+52 (2mN) Page 1 of 2 ELEVATION:		
		TYPE:	Parce	nssion		r = r + r + r + r + r + r + r + r + r +		
		DEPTH	1: 32	20' (317		LUGGED BI. ONNOT		
			97	7.5 m	•	NOTE: Dupths are 3' talong because of 3 " 1 lom = 24.m 15 casing stick up. Conversion 14=.3048 m 1	SAMPLE	۲ ۸۵۶
	Nates	1 1	1		1+	casing Stick up DESCRIPTION Conversion 1ft=.3048 m	FOUTHON	A.J.
MUNIT	clou	-++-	-+	++				
						0- 40' Brown clay rich till up pebbles to 1 cm (rounded) <u>hemotic free</u> , fragment up oliving xtls, gtz fragments and f-g Megnetite 1-2°6.	10	
21 1				++-	-+-	hemotic trac tragments		i
3.1						and t-g ringim.)	ĺ
							20	
6.1	-+-	-++		+-+-	-+-		1	
							1	
1 1	1						30	
9.1			-+	+-+			1	1
					i	ļ	1 1	
							40	
12.2		_+_+		++	-+-	40 - 320' VOACANIC SAND (SANDSTONE). Driller says	1 '	1
1	1					w/20% hemetitic grassomeraded,		ļ
	1			1 1	5%	40 = 320° VOLCANIC SAND (SANDSTONE). Driller suys w/20% humilitic finssomernded, bedrock at 40° 10% It yellow tim gris. 30% v-1-9 stz-calc. finger grins, 5% Hagrains. Brown, calor, 20% hem, gris/frag., 5% yellowish fim frag.	50	+
15.2	L+	++		+-+	-+	Brean color, 20% hem, gris/frag., 5% yellowish tim frag.		
	1					40% gt 2, 10% calc.		1
	1			1 1	5%		60	
18.3	┣		-+	+	<u> </u>			
				-		as obive		
				1 1	5%		70	
21.3	└ ──┼			+-+	-+	- 10% gray block volc frog-gras some w/vesicules		
	a. 24					sole turn. gins		
	9.5			/	5%	50% whitish gtz-cal v-micre-granular , vf- migratet 5%	80	—
-24.4		+		+-+	2/6		Ì	
	1 1					Pl ic ic		
	1				5%		90	_
27.4		,+		-++	-++	godo whitish minutes qt2-cale -, some clivine x15. L1%.		
					5%	15 1/2 hem frag-gins i ony bin rock w hem speck Mt ~ 5 %	100	
- 30.5				-++				l
7		.	•					
l	1 1				1%	M+12.	110	
- 33.5			r	-++	+			
		i	, [
		i	1		.		120	
- 36.6		⊷++		-+-+	+			
-		()	1		,)			
	1 1	1	1		.]	ultrace of gtz ulpy,	130	+-
39.6		┝━━╋┥		-++	+			
5.0			1		.)			
		1			.		140	
- 42.7		↓		-++	+			
1	1 1	1			, I	1		
	1 1	1			i †		150	-+
45.7		↓		_++	-	Pock particles, hem volc, Itgrn. volc : predemin. of grayvoic frog.	[
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 1	()			1 1	of armunic frog.		
	1 1	1 1		1)	1)		160	-+-
488	<u> </u>		↓	\rightarrow	↓ J	30% qtz-case particles, 5% tem Brag.		
700				1 1	3%			
	1	1 1 1		1	5%		F. 170	
510		1		\rightarrow	\$ /c	c	1	
- 51.8				1 1	1 '		1	
		1 1 7	1 1	· · ·	1		180	

				Ч	ROJE	CT: GOOSLY Page 2 of 2		
	A	OLE: NGLE YPE:		86-0	01	GRID LOCATION: ELEVATION: DATE Start/Finish: LOGGED BY: SCALE: 1"=20'		
		EPTH	:			100 = 2.4m	SAMPLE	
	1			1	Int	DESCRIPTION COnversion 1 ft = . 3048 m	NUMBER	45
HELTALE				+		30% white ence- 9tz particles.		
549	-				58	role him. porticles.	190	-
57.9		+-+		+	+	50% qtz-cake particles		
					5%	15% hern, reddish vole. 5%. fire Ht	200	-
-61.0 -						11 24 E1	8.0	
	1						210	╀
- 64.0					-1	70 % oft - cale particles 10 % tum. frag. , some It grammeral?	220	
67.1		<u> </u>			5%	5 % Mt.		
					•	et 14	230	
- 70.1 -		++			1			
					5	1 C (C	2.40	
- 73.2 -		_ _			10	50% whit minerals qtz-cale, 5% Hyrner portide	a	
					5	414 olivine mineral L	1	
						15-20% hum particles S-reality	12.00	+
- 76.2					540	5 % fan asinfrag, 10 % hem. frog; hordinat 25 E. 30 % qtz cal. 15 ome block bos frog; hordinat 25 E. 166 philogopite 166 olivne xits. 5to	260	_
- 79.2		_			10/2	Similian to above wiladdition of bin tan oak frag (probibly silt frag ~ 20%, 40% gf2-cale, f1% olivine, 10% humitro odd serie fleck, some block frag, 1/t gin ser frag.	\$ 2.70	
82.3					10	and serve there is some birship if be , 20% oft - cale.	1	Τ
702.5					5 to	30-40% ton och (Propobly silt bd, 20% 9/2-calc. 1% bio-phlogopite, 5% greenial frag. 21% oliveria. 1% black frag.	2+0	
- 85.3					10	2/40 oliveno. 1-10 Diach Fing	~	
					5 # 10		290	
0 - 88.4						5% hern. altered gins some black frogbasult		
					5%	alow uf odd servetic grn. 5% hem altered gins some block frogbosoll? 10% wht qt2-cale. 2% phkgopite 20% hen bott ach-silt 30% wht micro qt2-cal 30% han och-silt grns. 30% qt2-cal. 1-2% phlogopite, 10% hem altered frogs plag 1+grn frog : It blue, grns - 5%.	e. 300	_
° - 91.4			╞──┼		-	30% tan och - silt grns. 30% ft2-cat.		
					5%	It grn frag ! It blue, gins ~ 5%.	310	-+
- 94.5			t					- 1
							.320	
° - 97.5			+-+					
4			┼──┤					
								-+
4	+-		++					
1	ΓT							
1								

						P	ROJ	ECT: E.GRID Page of		
			HOLE ANGL	Ε:	900	>		GRID LOCATION: $\angle IZN + B + OOE (2m S)$. ELEVATION: $\angle IZN + B + OOE (2m S)$.		
			TYPE	:	Percu	255 i	on.	DATE Start/Finish: Cc+20/ LOGGED BY: G.NORMAN SCALE: 1"=20'		
			DEPT	11:	142 43.	3m	0j.		SAMPLE	I AL
DEPTH	neiks						itt	DESCRIPTION CENVERSION 14t = .3048 m	NUMBER	ASS
- 0 -	neiks							0-35' TILL		
								Boulder - pebble till w/ clay matrix.		ļ
7-	2.1	┝──┼			╏──┤					
										
17 -	5.2	╞╼╼╇		 						
	-									<u></u>
27 -	8.2			†				SEDUMENT / TUFF		
								35-97 VOLCANIC SEDIMENT / TUFF		_
37 -	113			<u> </u>				Appears to be arock w/ a great variance in	1	
								rock fragment types, consisting of		
47-	14.3			1			1	1) hematitic trag ~ 5- 15% 2) grey velconic tragmento, some u/v-fine amygd		
und							2	2) grey volconic traginants, some of the		<u> </u>
57-	17.4			<u>†</u>				3) odd serific fragmintig 912 w/ fine serife		
						I		4) liminitic fing - to vicila some blush fiar on minural		<u> </u>
-7-	20.4			†	1		†	Also minutais as 912 - V-fine grained - 20-30		
							1 tu	possibly matrix to secondania 1-2% phigupite	ļ	
- 7	23.5							4) liminitic frog - to vicile 5) some blush frog a minual Also minutain as 912 - v-fine grained - 20-307 Also minutain as 912 - v-fine grained - 20-307 Also minutain as 912 - v-fine grained possible matrix to sedimentor to tt. Colorte while "Clean ~ 10% - 20% n 1-2% phegopite 'xits. Rock also contains 1-5% dissern. Mt.		
- 7	265				ļ		╂	67-57 Rock could be more like a sand to gravel not that		1
							3%	consolidated and portot overlunden.		
(7 -	29.6	 +					1-	rounded Similar lithology breakdown as above.		1
								87 - 97 Becoming finer grained but similian lithology.		1 :
'57 ·	32.6						+	97-142' VOLCANIC SILT		
							325	Very fine grained (2.2mm) with Similian lithology & about	4	
117 -	35.7			<u> </u>		<u> </u>	<u>).</u>	15% tem. gruno.		
أنشعه								Grains are very well sorted.		
127 -	38.7						+			
137 .	41.8			+	+					1
42	43.3									
₩.	-	$\left \right $		+	+	+	+			
	4	 		+	+	 	+			
							1			
and .	4	 		+	+	┨──	+			
				•		*				

	PROJECT: Groosly	Page / of /
	HOLE: PH 86-03 GRID LOCATION: 13+06N 46+55	
luinout	TYDE. DATE SLALL/FINISH, OCH 22/06/00	CALE: 1"= 2 0'
		onversion Ift= 3048m NUMBER ASSI
et menter		onversion Ift=. 30480 NONSEE NOST
0-0	0-15 <u>TILL</u> Brown cluy matrix w/ bldero an	ad pebbles. 7
7-2.1	15-17' <u>CHAY TILL</u> Brown clay w/ pebbles	
7-5.2	17-25' <u>PEBBLE-SANCLY TILL</u>	
		25
7.7 - 8·2	Very Similian material in the w/a wide Variance in volcan	supported and 37
27 - 113 -	bles. Most closts are rounded- the unit is well sorted up size for Rough % bicakdown of common	
47 - 14.3 -	minimals. 215% hematitic volconic pebb	leo . 47
	ingly lummitic closts.	
	- 5% grey volconic pebbles -	Targe blast and
-		

	PRO	JECT: GOOSLY E.GRIP Page of		
	HOLE: PH 86-03A	JECT: GOOSLY E.GRIP GRID LOCATION: 13700 N 46781E Page of FLEVATION:		
4		ELEVATION: DATE Start/Finish: Oct 22/oct 22/86		
	TYPE: Percussions	n LOGGED BY: G. NORMAN SCALE: 1"=20"		
	טרין די דיוטע	(m = 1, 4m)	SAMPLE	A
DEPTH HEYES		DESCRIPTION Conversion 1ft = , 3048m	NUMBER	ASS
1 1			Ŭ	
		0-7'_TILL Branclay matrix up boulders and pebbles	7	
7-2.1		7-15 CLAY TILL		
		Brown clay w/2mm pebbles		
		Brown clay w/2mm pebbles 15-39 <u>SANDY PEBBLY TILL</u> Fine sondy matrix w/ pebbles	17	
17-52		Fire sondy matrix w/ pebbles		
			27	
27-8.2				
			37	
31-//3		39-47 VOLCANIC SAND (SANDSTONE?).	1	
		95 per 86-03.		ļ
47-14-3		43 100 00 -	41	+
47-175				
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-4 -				
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-	<u>_}_</u>			1
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i ile i				

5		PROJE	ECT: G00527						
	ANGLE:	86-04 -90	ELEVATION:						
	DEPTH:	287 ¹ ,87.5m	DATE Start/Finish: 6ct-22/0dz3 1986. LOGGED BY: G. NORMAN SCALE: 1"=20'						
		, , , , ,							
DEPTH UNIT			DESCRIPTION Conversion Ift=, 3048 m	SAMPLE AU NUMBER ASSA					
0-0			0-22' <u>TILL</u> Brown clay tich till w/ some blders (porph						
7 - 2.1			greyvolc.).						
17-52				17					
27 - 8.2			22117' VOLCANIC SAND / SANSTONE. Very fine grained rock. high % of ton osh-silt. frez ~ 30°C. 10% hem frag. 5 & Am frez , voldserfree.	27					
37 - 11.3			most frag are rouncled - subrounded be coming coarser grained 29' ave size 1/2mm. some perbles to form of greyplede vol., widen variety fl. ie. yhem alter volc., some of hipreedle 5./imonitic frig. // c 24 it grey oak tott orsisting.	. 37					
		1-2%	ie yhem alter volc., some of the readles 5 timonitic Siz of a 2/ It gray ask taff orsistifies. 3/ It blue froz. a olive colored freg. 1-2 % Altsond	47					
47 - 14:3			- rounded pebbles upti 1 cm. similian to chare	.57					
•7 -17.4			, , , , , , , , , , , , , , , , , , ,	67					
- 20.4			· · · · · ·						
7 - 23.5			some rounded pebbles to , 4mm.	77					
7 - 26.5			·	87					
~7 - 29.6		140	- Somewhat finer grained, up 10% hern. frag. also 30% alk make usle frag. 412 and call frag. It brn. frag. H gray volc. frag 1% Mt.	97					
				107					
32.6									
117-35.7			117-287' <u>SILT SAND</u>	_117					
127 - 38.7		∠1%	Very fine gruined fryg 50% 912-cale gross, 5% herngros 5% black vice gross 10% phogopia. 4/21% y-f-g Tit. somewhat coarses grains up some peblices to 3 cm. w/ matrix of 1mm gross, longer gross as subroundedes	127					
137 - 41.8		2.5: V	7. 1mm gris longer gris at subroundeded 20% him. gris gtz-cale gris, dkude.gris - Zim. 1-f-g.	137					
#7 - 44-8				147					
4 7 - 47.9			f-9 40% miero quartz-calc., 15% ken frog 1% tan frog some phogopie, 14 grey frag n2. 1mm grain sije	157					
				167					
7 - 50.9		2.58	v-f-g. 40% mero quarty-cale, 10% hem frog 5% clk Vole-frag. quain size L.Imm ~2.5% Mt.						
· 17 540			~2.52Mt.	177					

			ANGLE:	-90		DATE Start/Finish: 0d22/0d23/86.		
			TYPE: DEPTH:	Percesio	~)	LOGGED BY: G. NORMAN SCALE: 1"=20'		
أتتنعو				287 /	6		SAMPLE	AU
EPTH	UNIT 54-0				1+	DESCRIPTION COnversion Ift = , 3048 m	NUMBER	
	540					SILT/SAND		Į
						Similier & previous page.	187	
	57.0							
				2	.5		197	
197 -	60.0	╞──┼		╂╌╂╌╂╸		Similionte obouen 30% 9+2 - minor cale, bright him.		
						Similionte o bouen 30% qt2 - minor cale, bright him. altered volc. I dull hem frog 1 5 % dK grey volc. larger oneo subrounded, alive ellered frog ! bluid Srip.	207	
207-	63.1	┝──┼		╉╾╄╌╄╴		larger groste 2mm are roundedte Subrounded.	201	
217 -	11.1						217	
,,, ,	66.1							
	100						227	_
127 -	67.2							
							237	
1 -	72.2	\vdash		+				
							247	
- 1	753	 		+ $+$ $+$		Medium and human similiants above u/many varies		+
						Miduin quy brunn. similian & above u/many rarvis rock types, well sorted matriced Tidal - Delta Silt		
, , _	70 2					grain Sile 0.05mm - 15mm uf 50% gtz (2.1mm)	257	+
2 7 -	10.3					cole grains, 5th hem. 15 It ten ach (prolit 5ilt frog) add serie gra, 1% lim grains, odd White grag.		
					2.1.	2.72.47	267	
2 7 -	81.4					80% v-f-g menor rounded gt grains - immor less 5% onular ashor silt frog, soft.		
-						5% ham trock 5% Gar black when the	277	
: 17-	811			┼╌┼╌┼		higher persent gt represents a more worked	1	T
						sand-silt.	287	
287 -	87.5			┽┈┽╌┼╸			201	+
أسالن								
								_
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tand								
		$ \rightarrow $		┽╌┼╌┼╴			1	T
	4			+ $+$ $+$			+	+
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-	1			+++	$-\uparrow$			
-							<u></u>	

		PRO	JECT: GOOSLY E.GRID Page L of 2	
		РН 86-05	GRID LOCATION: LI2N 42100 E Page 1 of 2	
luente	TYPE:	Percussion	ELEVATION: DATE Start/Finish: Oct23/Oct24/86	
	DEPTH:	267'	LOGGED BY: G. NORMAN SCALE: 1"=20'	
	1 1	1 1 40	1cm=2.4m.	
D TH UNIT		M+ PY	DESCRIPTION CONVERSION Ift = , 3048M	NUMBER ASS
			0-10' BLACK ORGANICS	
0+0				Nosanpi
7-2.1				7
			10-23' TILL	
			Sandy people cobble fill.	
7-5.2		╉╼╌╉──┤──		17
			23'-25 CLAY TILL	
			25 - 27 SILT.	27
7-8.2		+ - + - +	27-37	
			NO SAMPLE RETURN.	Nosanna
27			NO SAMPLE N-	_37
37-11.3		+	37-42 <u>SAND</u> f-g sond.	
			42-45 PEBBLE GRAVEL	
47 - 143			al recorded nepples to 5 cm.	47
41-7/43			in an and a start of the source wipebouc	
			45-57 SAND/PEBBLES - coorse growth and - 15% hemotite ave grn size of sond is 2-3mm. Lithelegy of sond - 15% hemotite when frag, 30% gray volce black f-g volc frog, limonite frag 1%, 240 ep atteriet frog, Closits one well rounded to subangular	
57-17.4			vole frag 30% grey vole; black f-q vole frog, limonitic tray 1 20,	57
			2% ep atterid frog Clasts one well rounded to supergular	
luma			57-69 COARSE SAND [SIL 1.	
67 - 20.4	-++	2.5k	60% coarse sond (3mm grains) -40% sitt fins	67
			69'-147 FINE GRAINED SAND/SILT	
		4.5%	fine grand soud -silt elama grasales.	77
77 - 23.5			fine ground soud -silt elmm groscules. 1546 hem. portillos 20% atz also gruy volc, lim fort. Very similionto oboue u12.5% Mt grouis. word	
			portiles, fu cool.	
		2.5		87
187-265			40%f-Sond as above up 1-1.5mm gross most subrounded al	
			40%f-Sond as above of 1-1.5min grns most subrounded al 15 % him. grns, 5% quy ule, me lim grns; scritic grns 5% qtz - cale, 60% sitt a/ 80% qtz grns ~. 1mm 10% him.	
27 29.		2.5	5%1972 - calc , 60% sitt a/ 69,972 grns ~. 1mm 10% him.	97
29.6			3rns 5% grey volk. Somelim. Sing.	
•		10	70% silt - 30% sund lith. similiente about breatdown.	
67 - 32.6		2.5	Cool 1 14 0000 - 0+7 / 1000	107
			80% silt - 20% sond 21% / phagopite 3% grey voic., 5% hem grus.	
		2.5	3 % grey volc. , 5% hem grns	117
17 - 35.7			ł	
			90% silt - 10% sond 1mm 3mm. wellsurted.	
		2.5	Similion 1. thology to above. up 5% humgons ~ 20% gtz cal.	127
*27 - 36.7				
137 - 41.8		2.5		137
		2.5		147
147-44.8	╶╁╴╴┼╴╴┤			147
			147-267' <u>SILT</u>	
		2.5	Cours y-1-gins immorilise well sorred. w	157
157-47.9	╶╉╼╍╊╍╍╉		Cruy v-f-gins . Immor less well sosted. u/ 10% herm. gros 70% v-fytz-cale. 5% gruy bolc. some It green satisfic frog., somebluich gross It grey rela and minor phogop to. and. I-, 2 MF grove.	
		1 T	and minor phogopite. and. 1-, 2 Mf give.	
		.20		167
#167-50.9			11 11 11 11 11	
		1(11 20 20	177
177 54.0				177
-				

				F	ROJ	ECT:	GOOSLY	Y			D	age 2	of		
			DLE: f	H 86-0	\$5	ELE	D LOCATI VATION:				r	age –	01		
		TY	YPE: EPTH:				E Start/ GED BY:	'Finish:				: 1"= 1			
р тн	UNIT		1	#+	M		DESCR	IPTION		Conve	n n rsion	10m = 2 1 ft = 13 0	48m	SAMPLE NUMBER	ASS
177	HENITO 540			1152				SILT permon	s par	qe				187	
1 - 7 -	57.0					1°l 40	o It grey uc vlo qtz-ca wr fsp:	ec, dkg	orgone	hem.	{ redhc	m grns(1 t grns	•1-i3mi Jule w1	(97	
17-	60.0			~ ~		e n.	un Aspi			nes	~ ~	~~		207	
£ :7-	63.1					2. 1°	Imm grns to grey volc	ize, 900/e	912 m	nor co ngeni	lc., 19	6 han g	rns.	217	
2 '7 -	66.1			u			t x		i `	<u></u>		、		227	
227-	69.2				<u> </u>	* 0 -0	about	-1 2-000	C chips	t: 3i	nin•				
237-	72.2													237	
247 -	75:3			.1		53	il+ ul 5. clc qt2, ; · lo quy vo	-10% U-f	-g some	t., m ns, o	ultical dd py g	orea, grn,		247	
257-	78.3			.2		2	· lo grey vot	e. simeb	tuiol gra	airis	<u>, 1- 1</u>	<u>v-f-r</u>	Harns	257	<u> </u>
:#7-	81.4				·			7° end c	fhole					267	
				<u></u>	_		81	4m.	· ••••		<u></u>				
-											-				:
-															
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iotide					1										

BOLE: $PI (Ber 0.66 GRID LOCATION: 20MSN 37+322ANGLE: 90^{\circ}ELEVATION:20MSN 37+322DEFT: 20^{\circ}DATE Start/Finish: 0.134 0.5DEFT: 277 (PoSm) LOGGED BY: G. NormanSCALE: 1^{\circ}=20^{\circ}DEFT: 277 (PoSm) LOGGED BY: G. NormanSCALE: 1^{\circ}=20^{\circ}1^{\circ}DEFT: 277 (PoSm) LOGGED BY: G. NormanSCALE: 1^{\circ}=20^{\circ}1^{\circ}DEFT: 277 (PoSm) LOGGED BY: G. NormanSCALE: 1^{\circ}=20^{\circ}2^{\circ}1^{\circ}Deft: 771LConversion Ft=30481^{\circ}Deft: 771LConversion Chy rich 4111 w/ pebbleNOSMM1^{\circ}5.21^{\circ}2.400NOSMM1^{\circ}5.21^{\circ}2.77SAND1^{\circ}5.21^{\circ}2.77SAND1^{\circ}5.21^{\circ}2.77SAND1^{\circ}5.21^{\circ}2.77SAND1^{\circ}5.21^{\circ}2.77SAND1^{\circ}5.21^{\circ}2.77SAND1^{\circ}5.21^{\circ}2.77SAND1^{\circ}2.772.64066667847623.771^{\circ}2.7772.64066678784702.7566766786787401^{\circ}2.77772.6407678678740702.77778767667978797676677677677676767676776777767776$						PROJ	ECT: GOOSLY E GRID Page 1 of 2	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				HOLE:	PH 8 90°	6-06	GRID LOCATION: 20742N 37+32E	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				TYPE.	Perce	ussion	DATE Start/Finish: Oct-1	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				DEPTH:	297	' (90.5n	n) LOGGED BY: G. Norman SCALE: 1"=20'	
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$77 - 29.6$ 2.1 $77^{-}95' coarse sand and problem gravel (pebblem 5.5mm) 97$ $-coarse sand unitaria : p(3 km gravel (pebblem 9.5mm) 97$ $5'i grgvvk : , 5'i t Propriev voic and 2.1'b Mt 95' - 137' ANDESIFE 107 32.6 1 95' - 137' ANDESIFE 107 32.6 1 17 - 32.6 1 17 - 35.7 12 - 200 - $	n + 2	26.5					anula	
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167-177: GREY ANDESITE 167	1	• • • • •					45 Jun 151 -141	
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- 87.5 - 87.5 - 87.5 - 87.5 - 87.5 - 287 - 297 - 29	- 81.4	·)===				25% whitish frogments, probably typer plenes.	Ι	
- 87.5 - 87.5 - 87.5 - 287 - 297 - 2 - 297 - 2 - 297 - 2						Andre yrey volc. frog.		
- 87.5 - 87.5 - 87.5 - 87.5 - 287 - 297 - 297					. 2	15 to hem. frag.	277	
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							+	+
	-							
	ł							1
	<u> </u>	L						

W

					P	ROJI	ECT: GOOSLY F. GRID BARA 1 OF 2		
			HOLE: ANGLE:	Рн 9	86-	67	ECT: GOOSLY E. GRID Page / of 2 GRID LOCATION: $L 24+00N$ $43+00E$ ELEVATION: DATE Start/Finish: $0 + 26$		
			DEPTH:	317	1' 9é	(.6m	LOGGED BY: G. Norman SCALE: 1"=20'		
						7c .	m = 2.4 m	SAMPLE	AL
HT C	MANIA	water			MH	PY	Description Conversion III - 12-10-1	NUMBER	A55/
	Metics	cony		1		+	0-15' <u>TILL</u> Brown clay rich bouider till.		
0	- 0	brn					Brown clay rich boulder fill.	7	
- T		brn					15-17' SAND Brown Coarse gin Sand. grn to 3mm	17	
1-	5.2	┝──┼╴		+	+		17-27' TILL to 1 427'		
		brn					Brown clay rich fill, becoming sandy at 27'	27	
27_	8.2			4					
	0.6						27-33' COARSE SAND		
		b. ^					33-46 PEBBLE GRAVEL	37	4
37-	11.3			-	1		33-40' 50% pebbles to 1 cm.		
-		brn					33'-40' 50% pebbles to ± cm. 40'-46' decrease ingpe bbles 50% →10 increase in sand to 90%	47	
47-	14.2							+ + /	+
41-	14.5						46- 52' FINE SAND		
		bm					52-57 ANDESITE? 2+grn f-g Volc.	57	<u> </u>
57_	17.4				1		Lt grn f-g Volc.		
		1t withish g.g						67	
61-	204	3.5					57-82 TUFF Zight gry (clayrichi) vole of fine particles, minor specks PJ. (Soft whited matrix alterid - upparticles)	+	+
61-	20.4						specks pf. (Soft where matrix and a "particul		
i		1.						.77	
4 7 -	23.5	}			+				
							82-147' <u>OACITE</u> Lt gry-whish gry volc ut micro-fsp xHs and	6) 7	
	3.5				.5	minsi	Li gry-whish gry voic w/ micro-isp his and	87	+
i /-	26.5						dessim. Mt & 20% - some frag up It green tinge (ser?)	1	
		, d		ļ	1.1	minch	105- 147 ALTERED ZONE	97	
7-	29.6			-+		ł	That It are alteridrock some lige/tspi		
					1.1	tr.	dissem Mt L. 1% Some g12 - fragul trace Pt		
7		105			<u> </u>			107	
- ن سس	32.6	white				5%	107-109 High pyrite - some fragul 20% - 912 altrid		
							100'- 122' It and after rock up ~ 1% dessin Py	117	
17-	35.7				+	+	109'- 127. Lt gry olter rock up ~ 1% dessen by 127'- 138' G12 alter'd rock w/ dessen py ! block mineral. ?(tetrated). and up. 2% dessen Ht		
						1%	mineral. ? (tetroked). and up. 2% dissem Ht		
127	20.7					. 10	at ~135'.	127	
·2 [-	38.7	128 bbsk							
					135	ļ		137	
137-	41.8				1.27.	138	138-147 Whitish alter'd rock (912-ser) wilfrag w		
						5%	upter 20% py. and overall py content of 5%.	47	
	110					-10	TUEF / DACITE	+	+
14 -	44.8	while				.	IAT-157 Whitish (clay altered) w/ traces pyrite Tuff;		
أعتدر		a			1.2	2.	frag of H gry volc w/ fine fsp. podd 9tz fragu/py	157	<u> </u>
157-	47.9				+	+	157-167 OACITE Whitish altered volc. up Itgen ser altered fisp., odd		
- 1					1	2.1	whitish altered voke. up Itgin ser altered 45p, oct frag up py: dissem. Alt. ~ 1%	167	1
	6.0				·	12.1	array of por anon in the set of and and sealthand	and the second se	+
767.	50.9						167-177 whitish alterid rock alterid (q12-ser) and and opecks desser por ideser Marin		
		1			1.2	1.1		177	
17	54.0								

	1 "=2 0'
DET TH UNIT with Sev 912. Coubling MI PY DESCRIPTION COnversion If	
1221 Bry w/ It graish tinge colored vole w/ find dissum Mt. ~ . 2% and ~ c.1% py odd	ne fsp,
a a a a a a a a a a a a a a a a a a a	
197-60.0 W3 L.I w/ uk hem altern Hiragul glzbx j	y blockmining 197
redde W 3 tr - isps - it gin sew (or che)	207
216 M 207-216rock becoming more hematiti Isp to Imm. jodd gt grnul3	c, enhedral wpy dissum
216-227' Similian volcomie as alime	ulhem.
M Speaks ! dissem 17t. , odd qt py	
2 37-72.2 Si2 227-247 Rusty colored hermatitie vole abave vele, only herm. altered, some	237
	247
217-75.3 unt 247-274 (ALTERED ZONE) DACITE?	
257-78.3 55 . 152 247.255 whilish rock qtz-ser. w) frage w/op dissemply - overall by 1-2(cmpen)	t 10% 257
157 255-259 with n. 10% dessem py. 1-3. 259-262 gtz allard rock w/ 1-3% py. 262 262-268 gtz-sen alteridrock w/ 10% desse	267
gry 5 5 1-3 268 - 274 23%	
277 - 84.4 35 174 274-277. OACITE ? 277 - 84.4 35 274 - 277. OACITE ? 279 - grn weckly hem. rock.	277
287 - 825	28/
9'3 W S W 3 tr whitish colored rock w/ str card mente ser. Whitish colored rock w/ str card	vonde altri vores py. 297
whith whith whith whith whith whith whith whith	grnu/py.
-27- 93.6 anti-	307
-7-966 W 5 .2 -	317

				PI	ROJ	ECT: GOOSLY E.GRID Page of 2		
			HOLE: P ANGLE:	H &6-08 90°	3	GRID LOCATION: 25 rook 48+14E ELEVATION:		ì
			TYPE: (Percussi 294	on. 89 L	DATE Start/Finish: Oct26 m LOGGED BY: G. NORM SCALE: 1"=20"		
	,	worken	Interporty	21.,	% •/c	$l_{cm} = 2.4 m$	SAMPLE	A
оготн	TINT	Color M	Intensing	MT	pyl	DESCRIPTION Conversion 1ft = ,3048m	NUMBER A	SS
العلي الم	MAR					0-15' TILL		
	-0	bion				Brown etay rich till ul boles yvok.	7	
7 -	2.1					15-27' SANDY TILL		
	5.2					Sandy fill w/ some py grains to 3mm.	17	
	5.2	14						
-						27-33' Weathered Bedrock?	27	
- 7 -	8.2					et bin yery soft clay attend material, pateo surface ueattine, or other ash layer. 3	37	
37 -	113					AUDESITE ?		
						it green - purple celoud to g vale.	47	
41 -	14-3					47-192 ALTERED TUFF		
		917		21	4	Soft unite altered (clay-ser) tet ful fine particles	57	
57 -	174	med			1	and frag of dark-mid grain ser. attered up 3-440. 57- Whitish - It gen servet altered lift. w/ particles.		
		dk		-	3	and derker grow ser altered portices up 34 % py	67	
67 -	20.4	517 entist			1-2			
		gry		-	41		77	
17 -	23.5				3			
		11		_			87	
- 1	26.5				5		1	
		11		_	35		97	
7 -	29.6	Hari			3-5	Inviane in 912 Tragments as compared to dark-Harn sincitic Grag.		
		Hgij H		-	1		107	
· 7 ·	32.6	tinge			1-2	Light green - whitish Ser- 912 altered rock w/		1
		n		-	2-1-2	¿ % dissern. py cubes.	117	
•17 -	35.7				2	11 11 11 11 11		
		u I		-	1-2		127	
127 -	38.7				_	•		
imil		135		-	35	Lt green ser frag. u/ sonall faiticles (tuffereus)	137	
137 .	418	Hgrn			2	Light green - wintish ser-gtz alter rock w/c1		
·]+ 9ry			2	dissem. py cutes	147	
147 -	44.8				42			
• • •		n			3-5		157	
\$57.	479	tunt			1-2	11 11 11 11 11 11		
		milky			5		167	
6 7 ·	50.9			┞──┼──	10	Whitish 9+2 alterdrock w/ 5-rek py, some frage >15% Py.		
		11		_			177	ļ
17	54.0	174 medge	/		3-5		<u></u>	<u></u>

							F	ROJ	ECT: GOOSLY E. GRID Page 2 of 2						
isent	HOLE: PH 86-08 GRID LOCATION: 25+00N 48+14E ANGLE: -90 ELEVATION: TYPE: Percession DATE Start/Finish: DEPTH: 294, 90.5m LOGGED BY: G. NORMAN SCALE: 1"=20"														
:						-									
DEPTH		witer	,	cele				0	DESCRIPTION CONVERSION IFT=: 3048M	SAMPLE	AU ASSA				
Errt V	UNIT 54.0	color nelgig	hem	تعلد			Mt	1%	ALTERED TUFF CONT.	177					
		1755 KJ			M.	5	2.1			187					
107-	57.0														
		192					•.1	$2\frac{1}{2}$	192-294 HEMATITIC VOLCANIC (ANDESITE	197					
197-	60.0	purpe purpe					•1		Weakly hemichter volcance w/odd whichal						
207-	621	Purpt					12	.1	Weakly hemichitic volcanic w/odd eskedoal fsp phenocryst w/ 1% dissem. Mt. - 197- Purple - It gin colored medicatily hem altert w/ weak. It gin ser - che? potched, dissem Mt ~ 2% and micro fsp phenocryst enhechal.	207					
~~ /	05.1	1 ecida 1	μ					•	alterit. w/ wieck. It gin ser - che potchest, dessent Mt ~ 2% and micro fop phenocryst enhected.						
217-	66.1						٠Z			217	<u></u>				
		4	M			w		2.1							
207-	69.2			Ì		~	.2			227					
		11	M				.2	.1							
2-7-	72.2	9:3 J.L J.L					12			237					
		purph	M					2.1		247					
2 7 -	75.3	+1,150						+							
		Fi.	Μ				ج,	2.1		257					
27-	78.3								Purptish - himstitic volc. u/ It grn ser attents fisp punceryts Stillsome fragu/ traces of py contamination?						
2'7-	UIA.	~	М				•2	2.1	for punceryto Stillsome fragul traces of py contamination?	267					
	C1. 7		м												
277-	84.4		101				,4	21		277					
287-		•	Μ				.]	tr	the It grow ser frug-part of hem. vale or not?	287	•				
201-		•1							Lt purple - greenisk volc. a/ 11 gen ser top						
7 4	89.6		Μ				2.1	tr	Lt purple - greenisk volc. u/ It gon ser fip w/ wk-mod hem. alkin. 'L. 1' dessenth. end of hole 294' (89.6)	244					
									end of nove 294 (87.6)						
-															
-															
-		┝──┤						\vdash							
-															
	:														
											*				
~															

							ų	ROJ	ECT: GOOSLY E. GRID		
iumi			F	IOLE	E: F	н е	86 -	09	GRID LOCATION: 17N 50+30 Page / 012		
				NGI		90		ion	ELEVATION: DATE Start/Finish: oct29/86		
,				DEPI				4.4m			
	,	inde	л	Inter	sity		ĺ */	μ.	11 11 1cm = 2.4m	SAMPLE	A
DEPTI	HELES		Hem	corb	ser	9i2	Mt	PY		NUMBER	ASS
	10								0-19' TILL	NO Somple	
	1	brn							Med. brown clay rich, blder - cobb & till.	7	
• 7	2.1		1						7-19' some strongly limonitic frage/dissampy.		
	- 2	bvn								17	
17.	5.2			1					191-27' Light green mod-seridic volc. w/ weak-mod hem.		
		brn							alteration	27	r -
27	8.2		1	<u> </u>	1				27-32' Purple Volc (Andesite)		
		Sin	-						Fine grned purpleish (hematitic) volc.	37	
37.	11.3	E			W				32-37' PORPHYRITIC DACITE Lt gin (sericik) fsp porphyritik volc w/dissom. Mt.		
í		97					. 4 -	trace	fspt. 1mm.	4 7	
47.	14.3	40	<u> </u>		M		• 1	1144	37-47' Ltgrn(str sericik-cn?) w hematite patches !	47	
		875						~	dissem. Ht, traces pydensem.		ł
\$ 7	17.4	Fing	-				•2		48-52 becomis str 52-62 TUFF	57	
		817		Ì			.2		Very saft purplish colored tuff uf fine particles.		
7.	20.4				M		2.1		62-94 DACITE	67	
	20.1	grn	1						Light gin-purple (servicite-hem.) altered velc. w/ clission. Mt.		
77		91 y	1		M		Z ·	-	71-82 Stionger Harn sevalkin - less hem.	77	
a	23.5	1+							#2-94 becomes whitish - It gen w/ introduction of carb.		
• .		gin			n		2.1	fra ce	94 - 99 TOFF	87	
57-	265		1	S					whitish - It grn scritically altered tuff w/ fine		
				M·S	G		2.1	-	porticles	97	}
77 -	29.6	99							99'-111'DACITE Lt grn- whitish volc w/ Egrnish servicite a chi allern).		
		gry dk		M-S	\$		21	•1 •2	of fsp lan. 2 'h py dissem individ fragte . 5 %. frags of toff also uf pyrite	107	1
' 07 -	32.6	3.4	<u> </u>					• 2		101	
		ary		M- 5	5		21	1%	as above if dissem py to 1ch.		i F
117 -	35.7	91.9 61						, 1	117-116 Marcon Volc. Nod-Str hemetized bed.	127	
استرابيو		116	M	W	W		2	2.1	Nod-Str hemetized bea. 118-27 <u>10ACITE /ANDESITE</u>		1
127 -	38.7	910					.2			137	
		12 6 gry					.1 t.2	trae	Dark to It grn Ser(cni?) vok. w/ med carbonde afteration and w/ 1-2 dissem. Mt. w/ fine		
737 -	41.8			-			.2		fsp (nel-2m) and trace clissem. py	147	
		814		_			ĺ		11 11 11 11 11 11		
-7-	44.8	3rn 745 -							Becomes more hemotitic at 145, still It ginser.	157	
	סּידד	140						trace	Lt greenish - marroon colored (ser - hem attern) w/ dissem. Ht : odd fraga/py., micro fsp plenos.		
- ج أخس	(70	91391 11/11/11 11/11/11 11/11/11 91/11	Ŵ	W			- 1		dissem. Ht 'odd fraga/py., micro tsp planes	167	
6 57 -	47.9	914	.,	W					11 11 11 11		
			W	Б М		ŀ	۲۰۱	-		167	
7 -	50.9	171							11 11 11 11	Ī	
.72	54.0	gry	W	S			.2	-		177	
17 1	27.0	J''' !		.							

							Р	ROJ	ECT: GOOSKY Page 2 of 2		
			A	OLE NGL YPE	E:	- 9	9C		GRID LOCATION: ELEVATION: DATE Start/Finish:		
ک			D	EPT	H:	27	7'	- · I	LOGGED BY: G. NORMAN SCALE: 1"=20"	SAMPLE	F
->TH :+	115 315 31	wohn color	Carb	him	ser	9tz	Mt	PY	DESCRIPTION Conversion 15t=.3048m		ASS
	54:0	gry gin		W	•		•2	-	Lt gin - manson colorec Nok ser - hem altern Voic. W/ fine fsp plenociysts , dissom. Mt - 2%	187	
-7-	57.0	4	M to o	W	Ş		•2	-	small belot titl - whitish sift rock if fine posticle. as before.	177	
` ? 7-	60.0	4		W					4+ gin. servitic Velc marcon +inge (hem, a Hein) w/ cale. frag (amyg/ VNS?), u/ fine fspluhititi	207	
-7-	63		s	W	M		.1	-	phencery sts.		
- 217-	66.1	~			5 W		2.1		It grn- whitish vole of wk-mod(sec-che?)	217	
227-	69.2	914	S	W	ь М			-	ottein, minn. hem. specks, dissem. Mt. ~ L.1%. cele again any ouns.	227	
.37 -	72-2		s	 	M		2.]	-		2.37	
i	75.3		H B S		W G H		2.1	-	str cale altistion or cale anyof.	247	
		252	MrS.		ч		2.)	-		257	
	78.3	11	s		4		2.1	-	Very strong cake. trogments - amyge? on abten.	267	
7 -	81.4	9144 917	5	W	11		21	-	Lt grn - whitish vok up mad-sec-chez, wk hem. attein . 'Str cale . (amyslow uns).	277	
7 -	844			<u> </u>					end of hole at 277' (84.4m)		
- -i						<u> </u>					
-						ļ					+
										<u> </u>	+
.					ļ 			<u> </u>			+
											+
•											<u> </u>
-	1					+		1			
38 ⁶¹			!	ļ 						<u></u>	

	PROJECT: GOOSLY E.GRID Page & of 2 HOLE: PH BC-10 GRID LOCATION: 216 +001 52 +02.9m E													
1							36-1		E. GRID Page / of 2 GRID LOCATION: LIE toon 52 to 2.9m E ELEVATION:					
			1	TYPI	Ξ:	Per	دددج	in	DATE Start/Finish: Oct30/0ct31					
			Ľ	DEPT	CH:	2	57',	78.3	LOGGED BY: G. NORMAN SCALE: 1"=20"		1			
	.1	hat	1	1	Carl	21	1			SAMPLE				
דיייכ <u>די</u> <u>ד</u>	NETS	Culon.	Gt.	Lem	er	Ser	Mt	er	DESCRIPTION Conversion 1ft=.3048m	NUMBER	ASSI			
0	0	brn	1						0-15' <u>TILL</u> Boulder rich till af grup vole blders i hem. Helers miner liminomitic bldes. Chy rich section 12-15'.	7				
1 -	2.1				┨───			┟──┼─	15'- 18' SAND					
		bra							15 - 18 <u>- 5714 -</u>					
	5.2		ļ	ļ	ļ	ļ	ļ	╏──┼─	18-23 CLAY TILL ALL Sochblacked	_/7_				
أستحنا		br.	1	[18-23 CLAY TILL Brown clay rich till w/ cubbles & pebbles(10m)					
-									brewn Engrice in 1	27				
27 -	8.2			<u>†</u>	+	1	†	++-	23-76 PORPHYRITIC ANDESITE					
		brn					2.1		Dark green enl-ep alter'd porphyrytic volc.					
37 -	11.3	grn		W		ļ	—	┦	w/1-2mm wht tsp. (Euhedral) xHs, 2.1% dissem.	37				
									Mt. , Coll matine, whit Isp., minor him. attern.					
							2.1			47				
47-	i43	914	+	<u> </u>	+	<u> </u>		┨──┤─	Increase in hematite attern Still for perpi- volc., some cont. Volts, minor 14 gen ser.					
				W			2.1		volc., some cont. valts, minor 14 gra ser.		l			
27	17.4	11					4.1			57				
57	11/4					gra			purplish- Hgrn., Isp perplyry. u/strong Hgrn ser altern 'H dusting of unt sericite., fine fsp(climin) wk hem - (morroon even).					
	1	1		W		She	12.1		ser altern ilt dusting of unt sericite, fine	67				
- 7 -	20.4	<u> </u>	<u> </u>		+	wK.		┟──┼─	Sp(2(mm) WK hem - I morrison tour	-01				
										1				
	22.5	-	1				2.1		76-EC <u>TUFF</u>	77				
. / .	235	1+							whitish wlow up tinge of It green coloration (sericite altern). toft up fine posticles, very	Í				
		9.7					2.1		(sericite often). to ff w/ fine posticues, very	87				
7-	26.5	917		<u> </u>				┨──┤─	Soft., Weak dissem Mt. (->hum), EC-ET' DACITE (FLOW ON TUFF?)	<u> </u>	<u> </u>			
		p.1	t			ļ	1		EC-ET' DACITE (FLOW ON TUFF?)					
37									6+ gin f-y sericitic.	97				
	29.6	gur R				1			E 7-132 DACITE JANDESITE		1			
		gry		M		W	1.		Purplish - narroon w/ light green tone (mod	107				
57-	326	 					┼──	- +	hem. altered ! wk It grn servicite , upplers. Immore what entudial - anticital for prenos.	107				
in cu				.			.1		pissem M. a. 18					
117	35.7	114-		5		w!	'		Stiony himslie. attein 114-132: u/specilar hematike, Textures obscured. add small &p discein.	117				
	1.00	Pund	7 I				[
		reda	t I	S			.1		+32-145, w	127				
127 -	38.7						<u> </u>	┝──┼─		127	 			
				S			,							
137-	A10	purpl		M			•2		132-145 weaken rematite altern ulanurane	137				
151-	T1.8	SM		• 4			.1		in It gin series to					
أسزين	ł	145		Μ		W	.3		145-157 changes have allerin as have wit	147				
747 -	44.8	Perp	•						145-157 Stronger hem attein as before up dissem Mt. 1- 3%. weak dusting of wht. service.					
. 1		148 913			corb		./		wht. sericite.		1			
157-	171	in the					•1		- 10°	157				
	T 1.9		м	•]					157-167 Carb altern addition - Units? Still- hematitic (md)					
		Bry	w		M		.1		volc, w/fine fsp. (leths'enleding) in hem. metric. Transment in 14 and Servicite with servicite, whit	167				
- 7	50.9		~					┝╼╾╉╾	Transme in It gin sericite, which sericite, whit for a limme fits.					
		9.7	W		M	5	2.1		167-177- L+ grn u/uk purple coloration, 1+ grnsericite u/ uk hem dissem H+ ~ L. 11" Cale unth.					
77	54.0								up uk nem dissem Mt ~ L. II ' Cale units.	177				
L H W														

idid M

							Ρ	ROJ	ECT: GOOSLY		
أوري				OLE		PH 8	36 -	10	GRID LOCATION: Page 2 of 2 ELEVATION:		
			I	YPE	:				DATE Start/Finish:		
			D	EPI	:н:		%	6	LOGGED BY: SCALE: 1"=20'		
DEPTH	UNIT	wakr	hem	carb	9 1 2	ser	M	PY	il i' lom = 2.4 m DESCRIPTION Conversion 1ft = .3048m	NUMBER	ASSA
, 1 1	54:0	med gry	٤	5		S			- Lt grn colored (It grn serollein) w/ white seaitite flecks, also hem. sturning 'dissem Mt 2.1%, - Strong wht ser in matrix and Isp 1115 w/ Itgrn ser. wht carbonate - Units - any ?	111	
11 -	57,0	dk gry					2.1		- Strong wht ser in matrix and sp rits up it gin ser.	187	
	60.0	૭૫૫	ω	S		s	Ц		What carbons & country a catterin of matrix as well. WK merroon color (wkken) alterin of matrix as well. V-strong corb. portices - units or anyon? strong it grn sev as well as unitser. Specks, is still consider , where dis 17th.	197	
197 -		4							1(11 11		
207 -	(2)	gry	W	n		5	14			207	
201 -	162-1	milky	-	5	W	5		2:1 : tr	Lt gin sericitiesly attend rock. w/ 1% cont. porticles odd whit giz-seri frag u/ py. dessem.	217	
217 -	66.1										
2 27 -	69.2	med 9ry	ω		W	5	1	tr -	Lt gin - purplish rock w/ str sericite i wk hem altern dissem Mt 2.1.	227	
			3112			M	ų	-		237	
2=17 -	72.2	3+3-									
~ 1	75 2	grn	ω				"	tr 	Clack.	247	
2_1 -	75.3	"					minor	-			
2 7 -	78.3)	257	
_											
-											
السترور 											
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<u> </u>											
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							ł	PROJ	ECT: Pagel of 2		
			н		: .F·	PH 8	36 - 90 °	H	GRID LOCATION: E. GRID 33 154N ELEVATION: 40+45E		
			Ĩ	YPE	E :	per	rcuss	ion	DATE Start/Finish: oct 31/Nov1		
أتفتها			D)EP1	CH:	2	17'	(66.1	m) LOGGED BY: G. NORMAN SCALE: 1"=20'		
		1	. .		1	1				SAMPLE	
: PTH =+	Heares	color	him	ep	912	Ser	MH	PY	DESCRIPTION CONVERSIONALIFI=.3048m	NUMBER	ASS
						Γ			0-9' TILL		ł
•		bin							Clay rich blder, cobble till, 70% clay matrix	7	
- 7	2.1	bin				1	1		9-18' SANDY PEBBLE TILL.		
-	5.2									17	
	5.2								16-27' ALTERED TUFF /DALITE?		
-		910		j		s	2.1	minu	Light whitish to H gen volcenic w/ H genser		
27 -	8.2	-				+	+	╉╼╌┥	27'-99' ANDESITE	27	
-		n		M			2.1		Light clive green colored volconic ufsmall frag	137	
37-	11.3					†	+	┼──┼	ersien ssp. and a prendings of print good & the		<u> </u>
		n		м			.2		Light clive green colored volconic ufsmall frag -broken tsp? and plenecysts of philogopitesien possible micro gtz grains? W/ dissem. the El-, 2% olive grn colore epictore? w/ch/?, on cliv.ne?	47	
-47-	i4:3				<u> </u>	†	+	┨╌╌┨			
أسمرا							1.1				
57 -	174		L			 				57	<u> </u>
•••	14-1	.									
67 -	20.4	66				W	1.1		6B'- Some It gin ser alkin - weak he coming stronge at be wink hem altern i dissentit	67	
		wi?	Ŵ				1.1		Lt grn-pinkish bisun colered rack w/ strong pow. Itginsericite, specks of hem, 'w/ dissim. Ht., philos Vts Bucked, Stronger hem. alternal 125		
jumi .		pink	P			5	21		Ats bucked Stringer hem. alternal 75	77	
17 7 -	23.5		W			1	12.1	1-1		1	
l		11	~~			M			odd timenitic frog?		
87-	26.5	Pink				<u> </u>	.5	\downarrow	El' olivie yin coprectiock whep-all altern Similier text, li obrie uppossible v-fine trag? Till	<i>E</i> 7	<u> </u>
		bin					1.0		Similar text. Lobre uppessible V-time trug ? Tiffe		
_		gon t		M			.2			97	1
97-	29.6	¢ li wż							98-99 Shut Section w/ It gin sertchil altern		
-							.		9E-99 Shart Section w/ Hgin Ser (Chi) altern w/ 2-3% dissem philogopit - bio i dissemitte.	2	
107 -	32 6			M			. 	┟╌╌┽	99-127 ANDESITE (BASALT.	107	
		1.1							Olive grn colored rock (olivine-ep) and (tuff?) w/ dissem Mt. phlogopite plenos.		
	JC 7			M			1.2			17	
117 -	32,1	med					1		weaker epottern w/ dissem Mt ' fine plag xtts :. probable a anclesite - hesolt flue.		
		wi arn		W			1.3		probable a anderite - hesult flue.	17-	
-27-	38.7	Finge				L	1	├	127 /32	27	
in a	-	gry brn				Μ	1	frace	Greyish to It gon (w It gon ser altern) dken gon ser		
137		132 brny				11	•3		Greyish to It gin (w It ginser altern) dkin ginser specks (altern of particles? ulso dissemptit, tracespy 132-137 - olive gen cubi as pri 99-127	137	
13/-	41.8	grj					†		137-152 Grenish & It got X and 17-17-17-11 Ilinkson philosophi		
		01997 97997 145	141		.,]	М	.2	-	ti i2mm, possible g12-ser altern. many particles		ļ
147 -	44.8	clive			W	•••			ti i 2 mm. , possible giz-sen altern. many particibul dissem. Mt.; play x115.	147	
ŀ		gry				М			Ltgry-grn rock of dissemary philogophil prendoys	f.	
		152			W	1.1	1.1	-	152-155' Olive grn coloud section egain	157	
757 -	47.9	9.17				M	1		155- Ltgygin colored ixas before w/ser. othin.		
		9'3- 9'3		-	M	~	1.1	trace	darker GIN Ser Spelles () in an als all identic	167	
67 -	50.9			\rightarrow		5	ļ	┝──┼		101	·······
		sry brn			M			-	al is is in the gopite these gopite		1
-77	540					M	2.1			177	
									I		

	·						F	PROJ	IECT: 600544					
		HOLE:86-11GRID LOCATION:Page 2 of 2ANGLE:-90ELEVATION:TYPE:DATE Start/Finish:DEPTH:217', 66.1mLOGGED BY:G.NORMAN'SCALE:1"=20"												
						21	7', 6	6.Im						
DFPTH F :t	HANIZS	water	hen	ep	917	Ser	70	Py	DESCRIPTION Conversion 1ft = . 3048m	SAMPLE NUMBER	A' ASS			
]]	54:0	gry bin				м	.1		Lt-mud turgeris gin (It ginser) rock w/dissen M- .1% 'phlugopite phenocrysts.	177				
7 -	57.0 60.0	brn brn gry		N?			2.1	-	back to alive green color 1x up ser altern	197				
	60.0	gry		2			2.1		olive gin f-grok. up phlegopite phonecryst;					
207-	631	brn		M ³		ļ	[dissem Mt., eporclive (blive grommeneel)	207				
217-	44 i	bin gry		M.			2.1	-	equal amounto of chile gra Proy, Horn ser aspiding.	217.				
211	06.1								-					
-									end of hole 217 (661m)					
فتس														
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			HOLE: ANGLE: TYPE:	- 90	0	GRID LOCATION: 20+02.75N 24+03E ELEVATION: DATE Start/Finish: NOV2/		
			TYPE: DEPTH	297	90.5	LOGGED BY: G. NORMAN SCALE: 1"=20'		
DEPTH Feet		tucto color				DESCRIPTION Conversion 1st =. 304Em	NUMBER	AU
5-	- 0	brn				0-17' <u>TILL</u> Brown cluy rich biden till. w/ dKuok bidens'		
7 -	21	bro				bin clay u/ coarse sond ginn 5% peptiles bldes		
77-	5.2					17-27' FINE SAND Very fine gin bin Some	17 Very litik	
1 7 -	8.2	bin				27-33' TILL	5121104	
		33 917				Clayrich block, pebble till.	37	
-7	11.3	brn				33'-53 <u>CLAY</u> Grey brn clay - (Greasy feel)	117	
_7 -	14.3	giy brn				53-54 COARSE SAND and CLAY.	47	
7 -	17:4					54-102' <u>GREY BROWN</u> CLAY. give bin - silty clay - greasy text odd Sond give	57	
7 -	20.4					Send gra	67	
77-	23.5						77	
	26.5	N				Somewhat gritty text. upcoardsondgris	87	
∞(- ⊯	20.5	~					97	
	29.6					102'-106' TILL Sandy w/ pepbles duyrich till.		
107_	32.6			_			107	
9 #7 -	35.7	115				106-136 <u>GRITTY SILT-CLAY</u> Grey bin mixture of clay; Silf (60.40) w/ 54. sand grns 115-116 within 15% sond grns	117	
<u>-</u> 7-	38.7	giy bik				as before	127	
		giy				136-138 GREY BLACK SILT.	137	
	41.8	4				138-146 SILT SAND Grug black silt - Kery fine gun Sand	147	
¥7-	44.8			-		Clay rich w/sond - 51/t and 5% pebble		
57-	47.9					148-167 SILT-CLAY Grey - grypin Silt-clay mixture (30:70)	157	
."7-	509	\ 		_			167	<u> </u>
	54.0	11				167- CLAY-SILT Givey bin mixture of clay Silt 40:50 u/ 10% coarse sund gins ~ 2mm (greusy-gr. Hyt	4.177	
.,,-								

						Р	ROJ	ECT: GOOSLY Page 2 of 2		
			HOLE ANGL TYPE	E:	н қ	(; -1	2_	GRID LOCATION: WGRIP - 20+02.75N ELEVATION: 24+03E DATE Start/Finish:		
	1	weth	DEPT	'H: 	1		% 		SAMPLE	AU ASSA
1 7	UNIT 54.0	٩×٩				11+	Ру	DESCRIPTION CONVERSION 1ft = .3048 M <u>CLAY SILT CONTO</u> Orray bin clay-silt mix (40:60) w/ 5-10% Sond grains w/a greasy - grilly text.	177	
. 47_	57.0	brn 4						as befor - send grains contamination? belog clay-silt smooth? or interbeds?	187	
197-		11						70% grey pro flecks of eley-silt 30% sond gros	197	
207-								e 0% ··· ··· ··· 40% ···	207	
217 -		1(217	
2 7-		11							227	
- 7									237	
2		1						70% sand grains 30% brn grey clay grains	247	
27-		d						259'-267' SAND Brown mechager sand w/a variety of rock types and minuals also soft silt frag (-2mm): 267-287' SAND SILT 267-287' SAND SILT action michaelson mixture?	2.57	
2 7 - 277 -		1,						267-261' SAND SILT wed - coarse sond ? interbedson mixture? Actor Hyrey bin silt	267	
		.\						11 11 11	277	
287-		~				∠,1	odd 9r. 295		287	
297 -	90.5							1-3% black uck; clear cale1%, some blued gros, 30%. 5-1mm bro - sitt gins.	297	
								245-247' <u>ANDESITE ISAND</u> ? Bedrock? w/ high % of 14 grey purpled vole fre g w/ some cleasers Mt.		
-								end of hole 297' lost circ. rods Stuck. (90.5m)		
- im -									_	
-										
~	<u> </u>			A						

				P	ROJE	CT: GOOSLY Page 1 of 1		
			HOLE: f	-90		GRID LOCATION: 20+02.5N 26+75E Page of ELEVATION: DATE Start (Finish: Nov 2/Nov2/86		
			TYPE: DEPTH:	Percossi 57,17	ion 7.4 m	LOGGED BY: G. NORMEN SCALE: I = LU		
о тн	HALES	water		Mt	PY	DESCRIPTION CONVERSION 1 ft=.3048 m	SAMPLE NUMBER	AU
E 1	Helies			1		0- 10' BLACK ORGANICS.	1	
	2.1	brn			 	10'-25' <u>TILL</u> Brown clay rich blue - cobble - peble till	7	
	~ ·	u					17	
7 -	5.2	$\left \right $		++	╏──┤	25-28 PEBBLE GRAVEL w115% pebbles lones or bigger; 85% coarse		
.07	8.2	11				Sand	27	<u></u>
- / -	18.2					28-37' COARSE SAND gin size ~ 2-3mm	37	
37 -	11.3			┼──┼───	$\left\{ - \right\}$	37'-44 PEBBLE GRAVEL		
		u				37'-44 <u>PEBBLE GIRAUEL</u> w140% pebbles (veriety of volc types 1 cm or 7	47	
47-	- i 1 .3				1	44-47 COARSE SAND ! PEBBLES		
57.	17.4					coarse sand 2-3mm w/20% fine pebbles ~ 4-5mm	57	+
57	11.7					47-57 SAND Fine to med. gin Sand wellsorted w/a fine to med. 95% hum vole, 40% gtz gins, purple vole variety of vole types (1% bikvole 5% fim gin, bin speckla)		
	4			+	╉╼╋	w minor dissem Mt L. 1%		
						1 of halo 57'(174m) Pusked Casingt 52'		
•					++	end of hole 57'(174m) - Pusked Casing to 52' rods still sticking - priller doesn't want to proceed with cosing in growel (sond for he might loose		
						de coorng.		
	-			<u></u>	+			
	4			<u> </u>	+		+	
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	-			++	┥┈┨		+	
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	4							+
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لتحله	1							

D PTH	4NHTS	we for color							DESCRIPTION Conversion 1 ft=.304Bm	SAMPLE NUMBER	AU ASSA				
0 -		bin							0- 14: TILL 0-10' Brown clay rich blacks, cobble till						
- 7	2.1							╏╌╌┤	10-14' Brown clay till up pebbles 'Sondgros. 14'- 32' SAND 14'B'Med gron bon sand 18-25' mid-gron- coarse groned send - 2mm 25-32 coarse growd sondup minor pebbles -tom	7					
_7-	5.2								18-18 Med Gin Uni Sana 18-25' mid-gin - coarse gined send - 2mm	17					
		11								27					
7 -	8.2	"							32'-42! <u>COARSE SAND /BEBBLES</u> COARSE gin sand w/ 2.5% pebbles 2 - 1cm.	37					
7 -	11.3							┼──┼	42-60' SAND/SILT.	- 21					
- 7 -	14:3				ļ	ļ		 	42-52' med gen kin sand w/ high % of silt.	47					
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	л.							52-58' 1-gin sand 'silt much bin (comp. 58-59' brown silt.	57					
	17,4 18:2	60		+	<u> </u>	<u>+</u>	1	$\frac{1}{1}$	59-60' med gin bin sand. Very losse - sonding in bit Cont picceed ruds sticking abordon hale	60					
· •					ļ				end of hole 60' (18.2m)		 				
-															
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- 100						<u> -</u>									
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		PROJ	ECT:	
	ANGLE:	-90 -	GRID LOCATION: 17+64N 19+94E ELEVATION: DATE Start (Finish: Acuta Acuta Acuta	
	DEPTH:	141', 43.0n	DATE Start/Finish: Nov3/Nov4/66 M LOGGED BY: G. Norman SCALE: 1"=20'	
DEPTH F. + UNITS			u v 1cm = 2.4m DESCRIPTION conversion Ht = .3040 m	SAMPLE AU NUMBER ASSA
			0-26 TILL	
7 - 2.1			10'-26' CLAY TILL	7
			Bican clay rich till u/ 5% pebbles - zim	17
17-5.2			26-27' SAND COALSE grained Send Solt.	
27-8.2			27-36.5' <u>CLAY TILL</u>	27
37-11.3			85% binchay 10% course sand 5% blocks	37
			3615 - 48' SAND worst 365 - 44' Medgin & Sand - Silt 10% Bok (4mini) 10%	47
47 - 14-3			44 - 46 Mediumi grat SANd.	
97 - 17.4			40°47' Fine gind send	57
		.(2)	47- 48' Course gint sand 48-54' TILL	
-7 - 20.4			48-54 TILL Sandy - peobly. Tilluf 20% chay, 30% send 20% pebbles	67
		N I	20% pepplis	77
7 - 23.5		. ,	54-62' <u>SILT/SAND</u> 16% 511t, 20% fine sand, 10% Small pebbles ~ 4-Sman. 2014. 11t.	87
7 - 26.5			62-63' TILL SANCHY- pepple till with 20% clay, 30% Sand.	97
7 - 29.6		· · · · · · · · · · · · · · · · · · ·	63-70'SILT/SAND COUTWASH) Toyle SILT/SAND COUTWASH) Toyle SILT, 20% f- gsand : 5% pebbles Amm	
107-32.6			70'-80' SAND Guy med grad sand w/ It bin silt bos	107
117 - 35.7			:3 - 2.1mm w/variety of rock types. "20% s./t minor nebbles 6 5mm (2%), 4.1% int.	117
127 - 36.7		۱٬	3 - 2.1mm u/variety of rock types '20% s. 1t 'mines petities 6 5mm (2%), 2.1% Mt. Bi-87' poorly Sorted Sand u/ 30% silt	127
127 0011		2.1	30% med sond 30% course sond - pebbles	
139-41.8			87'-132' <u>SILT-CLAY-SAND</u> 87-99L+ brown SIHClay matrix uf 70% sout	137
43.0			grains.	14!
			94-132' Lt bin Silt-clay matrix w/30-50"2.2mm sond gins.	
			132-137' <u>SAND</u> Fine-med. grnd bin sond. u/1.1%/Ht. 137-140' SAND/SILT.	
			137-140' <u>SAND/SILT</u> Fine groud dK brg-gry Sand/Silt 140-141' <u>SILT</u> 11 brn and of hole 141' (43.0)	
			and of hole 141' (43.0)	

						PF	(OJ	ECT: GOOSLY		
			HOLE	: E•	РНе	36-	16	GRID LOCATION: 13+985N 22+98 E Page; of ELEVATION:		
			TYPE	:	Perc	e ussi	ion	ELEVATION: DATE Start/Finish: $N \circ \sqrt{4}/eG$		
1			DEPTI	Η:	4	7', 14	t.3 h	DUGGED DI: GINCKMAN SCALE: 1-20		
	1	wet	1 1	I	1	´ 1	1	11 11 1cm = 2.4m	SAMPLE	AU ASSA
5-7	HNITS	celin				/^	#	DESCRIPTION Conversion 1ft = .3048 m	Fortage	
- 🛥	. 0							0- & <u>TILL</u> Brn hord clay w/ longe volc bldes, hem purple volc ' dk grn ander to 8'- 27' <u>SAND</u>	7	
7 -	2.1	┝╼╼╌╂╸	-+-+					e' - 27' SAND		
								8'- 12' - Merclarn bin Sana	17	
17 -	5.2							12-17 nect- coarse grn sand		
								12-17' ned-coarse grn sand 17-20' Fine grn'd sand 20-27' Coarse grn'd sand		
27 -	67								27	
21-	0.2							27-34' PEBBLE GRAVEL.		
							Z.I.	50%. petites & 12 cm: 50 sond.	37	
37 -	11.3	+				-		34-37' SAND		
							Z:[34-37 <u>SAND</u> coarse growt Sand. u/L./Mt	47	
- 17 -	14.3	┣╂						37'-47' PEBBLE GIRAVEL	41_	
								ST +1 <u>TEODA CIANCE</u>		
· mal =								ere persons (12mon2) - + + June print		<u> </u>
								Ack penblis (12mon2) ~ 40 Sand /silt Note: priller didn't think he would get casing out it		
								se proceedic diapon.		
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							F	PROJE	CT: Page (of)		
			A	OLE	E:	- 9	10		GRID LOCATION: 9+99N 19ta3E ELEVATION: DATE Start/Finish: 4/0/5		
أصدا			T D	EPTI	: H:	Pera 107	c uss 7 ' (i	10n 32.6m]	DATE Start/Finish: Nov5) LOGGED BY: G NORMAN SCALE: 1"=20' /cm=2.4m	SAMPLE	I AU
DEPTH Exct	UNIT			 			ļ	Mł	DESCRIPTION Conversion 44=3048m	NUMBER	ASSA
••••									0-10 <u>GRAVELLY TILL</u> Bin clay-s, H So% w/ So% pebbles, cibbles ! blders. mina	7	
7-	2.1								10'- 175' <u>SAND</u> 10-12 bint-g sand 12-175 Course Sand w/ -20% f-mgrd sand	17	
- 11	5.2								17.5 - 19.5 SANDY TILL Brn clay - 30% Sand-50% 20% pebbles ~ 1 cm		
27-	8.2			┟──┤			+		19.5-27' SAND fine gind sand	27	
9 7 -	11.3	$\left - \right $					+		27- 34' SANDY-PEBBLY TILL Sollabor clay w/ 40% intersit sand ginss' 10% pehble	37	
7-	14:3			 	 		+	1%	ALL ILL COARCE SAMD	47	
-7	17.4	 					+	.1%	A4-71' SANDY - PEBBLY TILL	57	
.7-	20.4			 	 	 		,2	70% Coarse sind gris and/of 4 min ferri and 20% Fin duy matrix w/ 2% 11t	67	<u> </u>
-	235							2.1	71-75 SAND Fine - Coard grad sandu/~10% silt.	77	· ·
								21	75'-895' <u>PEBBLY SAND</u> COARSE grad Sand w/2,19,Mt gras Sand gras up 3 3mm- u/5-10% pebbleste 5mm. B2-Eq u/ 940% pebbles - 5dm.	87	
₽7 - ₩	26,5						1	<i>L.</i>]	89.5-97: <u>SAND</u> coarse grad sand w/L.1% Mt. gras, sond gins 1-3mm	97	
97 -	29.6	+			 		+	2.1	97-107' <u>PEBBLY SAND</u> coarse gin sond w/10% pebbles 7 5mm		
107-	32.6						+		107' end of holes - rods becoming to (32.6) tignt to proceed.	107	
				$\left \right $			+	++-	(02,6) tignt to proceed.	+	+
-							+	+		1	+
- 100						<u> </u>	+				<u>+</u>
		 		 	 	 	+	++			
					 		 	4+	·	<u> </u>	+
			-								
1 3	L	L		<u> </u>							

		A I	NGL	E: : ,	-90 Perci	-18 ssion 21.0 m	ECT: $G_{00}SLY$ GRID LOCATION: $/5+99N$ $26+53 \in$ Page / of / ELEVATION: DATE Start/Finish: NOV 5/96 LOGGED BY: G_NORMAN SCALE: 1"=20'		
n Danul	1	ł		ł	1	1/0	DESCRIPTION Conversion 1ft=.304em	SAMPLE NUMBER	AU ASSA
ртн - <u>+</u>	YANJTes_		┨───┤			Mt		Factor	
64	0						0-8' Brown clay rich gravely Till	7	
7 -	2.1	-					8-9' <u>SAND</u> Brown med grn sand.	17	
7 -	5.2 -					4.1	9-28' 80% bin hardday u/ 20% sond grosipebblis abble	_	
	8.2 -						w/L.1% Ht 28°-45' SAND Brown med-I-g sond be wring coarsen to 37' 37-45 coarse grind sand	37	
37 -	/1.3 -					2.1	45-47 PEBBLE SAND 20% pebbles to Som i coarse graid sund	47	
	14.3						47-52' SAND Dark bin 1-medgind sand	57	
7 -	17.4					fr.	52- (9: SILT/ SAND Dark hin siltly course gradsond - 70% sond gins2-3mm	1	
	20.4							69	+
-	-						21.0m alor hele rods sticking		
	-								_
-	-							+	
■ 	-								
.	-							-	+
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							PI	ROJI	GRID LOCATION: WEST GRID, 26+10 N Page / of		
	·		HC	LE:	• P	H 8	6-1	9	GRID LOCATION: WEST GRID, 26+10N 23+45E		
			AN	IGLE	Ξ:	- 90	2		ELEVATION: 25145-		
			TY	PE	: P	2476	ر در در رز آن	m 	ELEVATION: WEST GAR, 23+45E ELEVATION: 23+45E DATE Start/Finish: NOV6 LOGGED BY: G. NORMAN SCALE: 1"=20'		
			DE	2E T 1	J .	31	, 11	57	11 11 11 12.4m	SAMPLE	AU
DEPTH	UNIT							Mł	DESCRIPTION Conversion Iff=.304em	NUMBER	ASSA
	. 0								U-1' ORGANICS		
7 -									1-14' TILL Bin clay rich blden tiller	7	
(-	2.1								Bin clay rich blow filler		
	<i></i>								14-18' SAND	17	
r 1 -	5.2					ļ			14-16' Meet graid bra sound	_22_	
									16-18' Fine - Coarse gin sandul pebbles - 10%.	27	
2 -	8.2								18'-31' porphysitic Anclesite.	Somple	
								.1 .2	Olive an volcome w/ 15% fsp planes !	37	
سر ۲	11.3								Clive gin valcance of 15% for planes " 214. bie planucingsto Dissen Al 1- 2%		
									Noreturn 27-37' Abandon tale		
-		\vdash				-					
									end of hele 37' (113m)		
-		<u> </u>								1	
-											
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أنافعها											
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							F	PROJ	JECT: GOOSLY		
						- /	36- 0	19 A	GRID LOCATION: WEST GRID 25175N Page of ELEVATION: 23+45 E		
			T D	YPE EPI	5: 7H:	Perc 4	-71	1000	DATE Start/Finish: Nov6 /86 LOGGED BY: G. NORMAN SCALE: 1"=10'		
			•				•) '		100012 21. CENORTHAN SCALE: 1 -20 11 11 /cm=2.4m	SAMPLE	AD
DEPTH E 1	HENITS							Mt	DESCRIPTION Conversion 1ft = .3048m	NUMBER	ASSA
8									C- I' <u>ORGANICS</u>	-	
' -	2.1								1'-47' PORPHYRITK ANDESITG Medium alive an color rock- med-fix around	7	
17-	5.2							1.2	Medium olive grn color rock-med-fixe grained volcance porphyritic in ten fep ~ 20% & 2min × 6mm erkedral lather '21% 1-2m brn bio-phlogopile. W/~.12 dissem Mt. (As per outcrop solaway)	17	
••									w/n.12 dissern Mt. (As per outcrop so'away)		
27-	8.2					-		1.2	lost water at ~ 19 & 32' Brn clay indécales clay gauge. Lost water abandon. her at 47'	27	
أعتبرا								.2	junger wist ware avareaution of fi		
37 -	11.3		 			<u> </u>		12		37	
14									no somption	NC Semple 47	
41 -	14:3				1	†			no somption end of hole at 47: (14.3 m)	. ,	
-									· · · · · · · · · · · · · · · · · · ·		
- 14											
						ļ					
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							PF	20J	ECT: GOOSLY		
			но	DLE	: P	HEE	-20	\$	GRID LOCATION: ON MAIN ROAD TO Page / of /		
					E:				ELEVATION: WEST GRID, 26+30N 24+06E DATE Start/Finish: NCVE/E6		
			DI	EPT	:, Н:	erca 150	2551C1	, 5,7	LOGGED BY: G. NCRMAN SCALE: 1"=20'		
					1			,	11 100 = 2.400	ISAMPLE	AU
DEPTH Feet	UNIT								DESCRIPTION Conversion 1ft = . 3048m	NUMBER	ASSA
C .					l				O-13' TILL		
									Bin cluy rich blder till	7	
7.	2.1								13-39' PERPHYRITIC ANDESITE (Olive Green)		
										17	
(7 -	5.2	╞╌╍╌┼╸							volcanic - Perphysitic in tan top 20% 2 2x5mm.		
أحدرا									Clive green colored, med. gived porphyritic volcanic - Perphyritic in tan tsp n20% & 2x5mm. subulial latts & 1% 1-2mm bin be, phincaysts. in clive gin (pyraare rich?) metrix. akicostans.	27	
27 -	8.2	┝──┼	+					-+	1 - 12 1/2 discons lit. Abut descention pront 0.		<u> </u>
4								.2	as well alle away. The percussion simple makes it difficill & discum size ' theftsp.	37	
# 7-	11.3	┝╼╼┿╸	-+						/		
								23	3 y'- 42' <u>ANDESITE (GREY)</u>		
1 -	14.3							- 3	At gray fine gived rock w/minin fsp xlls	41	
								2.1	and ~5% fire bic: 5mm - 2mm. phenoerysts and ~ 1-6.1 dissem. Mt.		
- 7 -	17.4							<u> </u>		57	
									42'-47' PORPHYRITIC ANDESITE (clive green)		
1.	20.4							[]	clive green cultured and site as per 13-39'	67	ļ
	2.4								47-101 ANDESITE (GREY)		
-7-	23.5						4	:.1	Gray- Silver gray fine gin volc as per 39-42.	7	
- ا	23.5								56-51' olive green udcasper 42-47,		
····	215						4	2.1		7	
81-	26.5								· · · · · · · · · · · · · · · · · · ·		
								c.1		97	
97 -	29.6								101- 150' NOLONNIC FLOW - SILL ? BASALT-?		
							•	.1	Dark grey f-g valcanic (togrey green) w/	107	
167-	32.6				-+			-+	edd for preneryst and week(.1 to) str		
-									10th dissim Mt.		
1 7-	35.7		-+					-+		117	
-7-	36.7									127	
							.	0%			
- 74-	41.8		_					- 10		137	
							. .	c 1.	· · · · · · · · · · · · · · · · · · ·		
-7 -	44.8									147	·
	- 45.7									150	ŀ
	,								end it hole 150' (45.7 m)		i
أغادر		·	T	·	T	T					
-											

						F	PROJE	CT: G0054Y		
			A	IOLE:	- 4	90		GRID LOCATION: 24+36N 44+10 E Page of Z ELEVATION: DATE Start (Finish, with finish)		
kaami				TYPE: DEPTH:				DATE Start/Finish: Nov 10/86 LOGGED BY: G.NORMAN SCALE: 1"=20'		
DEPTH	4N J.T.s	wohn	han		500	. ov	Mt.	UESCRIPTION Conversion HI=.3048m	SAMPLE	AU ASSA
E ` <u>+</u> □		Con	11201	┟╌╌┼╌╴	+			0-44' TILL	FOOTUSE	
	2.1	brn						o- It Bin clay rich fill w] blers of grey volc., pebbles to Icm.	7	
أحصر	211	R						17'-44' clay rich w/ sond grains and pebbles		
17-	5.2							~	ר ו	
	0.2	l n							_22_	•
27-	8.2								27	
37-	11-3	35.5 913						355 clay till up large bloked, purple-him. altered Vole. 44-52 Olive Green ANDESITE/ GREX ANDESITE Lt grn-olive green f-g volc? and It gry rock w/ fine fsp , specks of white sericite.	37	L
51-	11:3	gry bin						44-52 Olive Green ANDESITE/ GREX ANDESITE		
	10.7	44						fine fsp ; specks of white sericite	47	
41-	17:3	sine gin 52							1 1	
م م	1 7 4	gry						52-65' <u>TUFF</u> <u>Li which grey soft clay-ser. alter tuff w/</u> fine porticles mikeu grey tragments u/ser ;odd	57	L.
- 75	11.4				Τ			fine particles minou grey tragments upser ; odd		
	A . A	913				tr	۲.۱	ing wip gri alars-mit.	67	
7-	20.4	65			1		<u>†</u> †	65-80 DYKE? Biack f-g rock?		
		bik.							77	
17-	23.5	80			+	<u>†</u>	┼──┼─	80-86		
-		bik 86					.1	80-86 Gruyblack f-grock w/wht (wkyser alterid) fsp plane cryst ~10°-15% 86- 94 <u>TUFF</u>	87	
37-	26.5	med			+	<u> </u>	+	Ri- 44. TUFF		
		97y 94						Whitish Soll arrend fock. Some in grades	97	
97-	29.6	94 dk 9ry			w	┼──-		94-257 <u>ANDESITE</u> Finaly porphyritic greyish colored volc. up ~	//	
							.1	10-15 % top phonocrysts set in a greyish t- gmolix.		
107-	32.6	mes			M			weak & mid. altern of fsp -> If genser. and containing. ~ 1% dissem. 11t.	107	
		gry Tu			W		•2			
117-	35.7	dřy dk	v					107-117' Lt ginser altern. Stronger.	117	
		9.4			n		·2	117'- 27' rock starting to be come why hematit - cally alterid.		
127 -	38.7				1.		2		127	
	A	4	n		M		2.1	It gray perphyritic volc., It gry matrix w/ whitish-It grn ser. atterid fsp~15% ~ 1mm ankedral ! w/c.1 dissem. Mt , minor whit ser. specks.	137	
737-	1 1.8							137- increase in who ser spects, decrease in.		
		u,	11		34X		-1	rematite altern.	147	
- 14	44,8	9K								
		gryk vjuk			W		۲۰۱		157	
-75	47,9	. 1			w					
		*	\mathbb{W}		N BY		Z•1		167	
5 7-	50.9	ak.	+					167- unt sericite altern dissuppears, Itgin		
77		gry			W		2.1	sericite somewhat weaker, although still some V-I- g ser altrich tsp. planos.	177	
1771	UTIU	l	1				l	Ditte V-7- y ser alour top pronos		

(cont

							F	PROJ	ECT: GOOSLY		
			H	IOLE	:	PHE	36-2	.1	GRID LOCATION: Page 2 of 2 ELEVATION:		
			T	NGL	::				DATE Start/Finish:		
			E)EPI	'H:				LOGGED BY: G. NORMAN SCALE: 1^{-10}		
DEPTH Feet	UNIT	coln	Carb	hem		Ser	PY	Mt	DESCRIPTION Conversion Ht = , 304Em	SAMPLE NUMBER	AU ASSA
	54.0	grey		Μ					porphyritic gruyish - purplish volconic u/mod-wk. him attein of matrix, u/ uk It grn ser attendisp phenocrysts, dissern 117/2000 Strong hem. altered, most is pore whited u/ ser. altern very weak		
187 -	57.0	purple		W		W		<u> </u>	phenocrysts, duosen 11t. 1-200		
		પ		s M		V,		2.1	strong hern altered, most 45 pore written up		
197 -	60.0		 	W		W			mod hem altered, up menor. H grn ser altered		
		."		M		\bigvee		.1	for phenocrypt.		
207 -	63. <i>1</i>								weck-mod hem altern if matrix, 15-30°. fsp phenocrysts-some euledral ~1mm. uf		
2 -1_		~		M				Z.1	clessen, oft 2,1%.		1
~ 1 -	0611	<u>ر،</u>							30% ultich for ohenocryst in 1+910 -		
س ام	69.2	Ĺ					 	1.1	uhitch hem. (v-wk) altered matrice, 2.1%		
		med tei 1+				W	ltr	L·l	for altered mod - weakly to It grn Ser. althen	-	
:_7-	72.2	gry.				т М		-2	still uht tsp.		-
								.1	- some whit carb altern visor amydales?		
47-	753								med grey volc. up wht- It grn. alakly ser.		
		.u		\mathbb{W}		W		2.1	med grey volc. up wht-Itgnn. weakly ser. altered top up with spitty him through aut.		
57-	7 <i>8.</i> 3								end of hole 257' (78.3m)		
_											
lani											
-											
-											
-											
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			ł								
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				+							
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			 T	YPE	:	Perc	-	m	DATE Start/Finish: Novio/Novii/86		
			D	EPT	Η:	3	17',	96,6	m LOGGED BY: G. NORMAN SCALE: 1"=20'		
	water		1 1	1		1		1	11 11 10m = 2.4m	SAMPLE	UA ASSA
	color	hem	carb	GtZ	دانيع	Ser	РУ	Mt	DESCRIPTION CONVERSION HAT =. 3046m	Foctoge	N33A
Fe t	Meters			·					0-30' Brown day matrix w/ sand grains - 30% and		
	brn								Brown day matrix w/ serie grant brown	7	
7 -	2.1								also up pebbles cobbles and blders.		
-	ધ									17	
	5.2		}				<u> </u>				
	11										
										27	
27-	8.2										
	**									37	
@ 1 -	11.3							$\left \right $	37-42' HEMATITIC VOLCANIC.		
									37-42' <u>HEMATITIE Vol CANCE</u> Fine grained moderately hemotized volcanic.		
	14:3									47	
	17.5								42- 55' ANDESITE ANDESITE		
	11							1.1	Olive green to It bro t- grock some tsp. phenocryst to ~ Imm and olive green pyroxene	57	
-7	17.4								XIts, also some dk green chlorite or zeolik amygdales. Weak lematite tinge, dissem	1	
	gry								amygdales. Weak kematitic tinge, dissem		ļ
7_	20.4						1		M+ ~,1%	67	
	1								55-92' GREY BASALT / CRYSTAL TUFF		
									Fine grained grey colored rock w/ dank green gittid top xitson trag, and minor alive gran	77	
7-	23.5	-	+						pyruxene a opvine wk. hem alterin Oddrined		
									pyruxene a otvine wk. hem alter'n Odd zones am yddale. Rossibly a xtt Tutton flow 2. also odd		
^	26.5						ļ	ļ	agak gtz grain:	87	
1	itgry							,	92-157 ALTERED TUFF		
				5	4	M		•	42-151 which - It grey attered full, some frag ou	97	
97 -	29.6		+	12	-2		<u>†</u>	1	Very strongly clay altered-very soft grains	,	
	- 11		1			M	ĺ	-	very strongly clay altered very soft grains of guartz and sericite flakes. Quarty you	- 107	
107-	32.6			5	5			ļ.	and the cost of 20th	107	
1-1	VH				1	{			are Im or Lupt n 30%.		
	gry			5	5	М		2.1		117	
117-	35.7	-	1		1		1-	1,	117-127'- Some grey- guy blue t-y trag. as well as above some dissen it		
	11					n		1.1	as well as a tore some dissen PTT"	177	
27 -	38.7			5	5	<u> ''</u>		.2	Sumple contuins % ofgiz ~ 80% - from break	127	1
	ι u								down of tott, also 10% med grey v-1-9 tott?		
	110			5	5	M			down of tott, also ibto med grey v-t-gtott? 5% It brn I monitic fragul dessen Ht Contin	137	
#7 -	1		M	Τ		Γ	1		It are at alter'd futte w/ white der flakes.		
	`,'			5.	5	М	tr	2.1	old grain u/ dessem. py ! odd py grain Imm	147	
_7-	44.8		5	2.		F			The while it and the free up of another		1
	l+grg						1	1	and Ger flates, also tutt from not alteric.	4	
. 7				M	M	M	tr	· '	Fine grain whitish clay alter frag up qtz particle and Ger. Hates, also tott frag not alter'd but similian in text - It grey up grag Lem. Specks Some frag. laminated. frake apopy. Something 2-3 mm Off green clay altered top trag.	5 157	
- 7-	47.9		V	Ι.					some frag laminated. Frake all py. Someling	4	
			W	W	V	\mathbb{V}	-	.2	157-317' PORPHARITIC ANDESITE	167	
7 -	50.9		1			+	 		12 Die formed mained form porchyritic	1	T
	dkgry					. /	1/1	1	2+ grey f-med grained fspar porphyritic andesite up ~ 30 40%, whited - It forker day alter fsp & 3mm - ~ 21% biot. with t-g met		
197	54,0				M	W	<u>[~`'</u>		day alter 13p & 3mm . ~ ~ 1% biot. with ty mil	ur.177	<u> </u>
.11-									V		

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	-		л Т	YPE	یں. ::	, perc	۔ رککن	ion	DATE Start/Finish:		
أسبر			D	EPI	H:	31	7', 9	16.61	n LOGGED BY: G. NORMAN SCALE: 1"=20'		
ПЕРТН	w_der.	1	I 1	l	ŧ.,	1	7 ۱		" " 1cm = 2.4m	SAMPLE	
£	water. coion metres	hem	Carb	912	chay	Ser	M	Nt	DESCRIPTION CONVERSION / H = 3048 M	NUMBER	ASSA
	540 gry							•1	PORPHYRITIC ANDESITE CONTIP	.,,	
·~7 -	57,0				M	W	2.1	.2	dessem Hf. 1-, 2.	197	
ianai											
197 -	60.0	Ŵ			M	W	tr	,3		/ 9 7	
اسال ،		W					odd	1 1 1	L+ grayrockul account H+~. 1% - wk hem. altern. w/ 10-15% wht - It grn. clay alter (wkser) fsp w/minor		
207-	63.j	 					grn		bio andodd grnof pyrite ~1mm	207	
	:	M					tr	•/			
271-	66.1 220	<u> </u>						•/	wlatz grn w/ v-t-py.	27	
	gryw						2.05	.3	Grey to we purple colored rock up. 3 decomment 14 w/n 10% Hgreen - unt fps. minor bio.	227	
227-	purple 67.2 tinge						- 1	┝╍╼╉	flakes; f-g grey-purple mod to uk hem atkismedis	adi	
							tr	.5	u) fsp not as clay alterid.	237	
1 7-	78.2								Grewish purple colored rock w/ 10% wht-Itgon.		
17	3.60						tr	2	Greyish purple colored rock w/ 10% wht-Itgon. elay-ser alter'd tsp plencerysis, w/ 2% deser. 11+ wk hem alter'd matrix. tsp t 3mm. oko 6 4 imm. and upto 3% bio	247	
	7.58								and opt 3% bio		
-7	_ ()						-	•3		257	
-/رد الا	78.3							• 2	·· ·· ·· ·· ·· ··		
- 17-	81.4							.3	wlodd sencite flake.	267	
	8/14							-	11 11 11 11 11		
277-	276						Z.	3	u) hem. aftern becoming stronger - mad.	277	
- 77 -	gr y					М	Z-)		it is at at at at		
	m:= r=					+	2.05	. 2	uf increase in It grn sen attern some frog (sen altern) w/ dissem py 2.1%.	287	
287-	87.5										
2 97-	90.5			W		1 3	∠•5	.2	Strong It gin Ser altern , some gtz altereties	297	
2/1	gry					ŀ	Hr		afterin becoming weaker u/increase internation		
307	ul 93.6			ω				.3	strong It gin ser ottern , some gtz altridtics u/ dissem. py 2.05% bio - ser. attenin becoming weaker w/ increase in hem attein trace py.	307	
	tinge			Τ	T	М	لمه		It brn - uk her alter dmatrix uf fine top some		
	°				- 1	,	gin	.1	It brn - uk hem alkidmatrix uf fine top some euk. 1eths: alsome it græn ukser frag ufminer prite	317	
311 -	96.6								· · · · · · · · · · · · · · · · · · ·		<u></u>
- 1	ľ				-+						<u></u>
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APPENDIX II

ROCK GEOCHEMICAL RESULTS

1	CONDANV	WODMINE DCCO	upere		MTN.	CH (ADP	ICP REPORT				(ACT+CCD	971 BA	6E 1 0F 2
	PROJECT N	MORMINE RESO	le	28 ft.	ISTH ST.	LN LHDS NORTH	UANCHIVER, R.I	C. V7H	172				1202/P1+2
		: M.BELEY	Imeter = 3.	28 ft.	(604)980	-5814 OR	(604) 988-4524	i	+ TYPE I	ROCK GEOCH			28, 1986
		IN PPM)	AG	AS CD	CU	FE	MN	MD	NI	PB	SB	Y	ZN
	PH36-01	20-30 (Feet)	.4	1 4.6	23	102610	493	2	20	149	6	77.5	59
		10-40 BOM	.4	1 3.0	20	77980	790	2	19	28	5	62.1	33
	PH86-01		.3	1 4.5	19	91950	667	2	14	33	6	70.5	35
	PH86-01		.3	1 3.8	19	92140	545	2	13	22	7	67.0	37
inni	PH86-01		.3	1 6.2	24	108340	542		12	25		75.2	37
	PH86-01 PH86-01	· ·	.3	i 2.3 1 2.2	24 47	91930 102540	442 424	2	13	23	5	63.6	32
	PH86-01		.s .4	1 2.2	47 35	93730	368	2	15 15	18 14	Q K	71.6 64.5	44 35
	PH86-01		.3	1 5.5	28	95090	405	2	13	18	5 5	67.6	33 37
	PH86-01		.3	1 4,4	30	101990	443	3	12	17	7	72.4	41
	PH86-01		.3	1 2.9	29	113250	579	3	17	16	<u>'</u> 7	79.1	
	PH86-01		.4	1 2.8	23	101860	516	2	18	16	6	69.9	38
	PH86-01	140-150	.3	1 3.9	23	101030	508	1	12	19	6	68.7	37
	PH86-01	150-160	.4	1 3.3	21	99950	477	2	19	19	6	66.4	32
العبد	PH86-01		.3	1 3.4	23	101040	550	1	11	18	6	69.1	37
- 	PH86-01		.3	1 4.2	21	92170	619	2	17	17	6	65.8	37
÷	PH86-01		.4	1 3.5	19	87210	568	4	13	22	6	61.7	37
i.	PH86-01		.4	1 4.3	20	92740	611	3	11	26	7	65.8	38
	PH86-01		.3	1 4.5	21	98520	644	5	17	26	7	69.8	39
	PH86-01		.4	1 4.6	22	91650	628		17	23	<u> </u>	69.2	40
	PH86-01 PH86-01		.4 .3	1 3.4 1 4.3	21 22	92410 97960	595	3	11	23	ė 7	68.5	39
	PH86-01		.3	1 4.5	22	776V 90830	620 595	२	12 18	23 20	1	70.4	38
	PH86-01		.3	1 4.2	20	94470	582	3	10	20	ם ד	64.6 69.1	37 36
	PH86-01		.3	1 3.9	25	98120	583	4	17	27	7 8	70.5	36 36
	PH86-01	The data star. The time data was dealers and the star star.	.4	1 4.8	33	99610	603	4	9	18	8	72.6	37
	PH86-01		.3	4 5.3	26	107810	648	, Ļ	16	30	9	76.2	41
	PH86-01		.4	1 5.5	25	99470	584	3	10	25	B	72.2	37
	PH86-01	300-310	.3	2 4.0	22	93760	584	5	11	20	8 :		35
	PH86-01	310-320	.4	5 3.3	21	75310	568	6	24	29	7	67.0	37
	PH86-02		.3	1 3.7	20	77330	547	3	16	22	5	72.7	44
	P86-02 2		.3	2 3.2	20	72350	514	3	14	27	5	64.5	40
	PH86-02		.4	1 4.8	22	90600	717	4	14	22	6	69.7	39
	PH86-02		.4	1 4.4	22	97500	572	4	14	17	7	71.4	40
أنضعنا	PH86-02		.3	1 4.4	24	104040	471	3	13	19	6	70.6	39
-	PH86-02 (PH86-02		-3	1 4.4	29	118430	543	2	11	21	8	82.0	43
	PH86-02		.4 .3	1 3.4 1 5.3	28 27	119290 124450	521 531	2 3	10 13	13 14	7 7	78.4 79.7	40 43
	PH86-02		.3	1 3.7	32	117980	537	2	14	18	8	79.6	42
	PH86-02		.3	1 4.9	36	110270	581	3	18	20	8	78.0	43
	PH86-02		.3	1 5.6	30	109000	1173	6	16	22	7	73.7	47
	PH96-02		.3	1 4.6	23	103520	733	2	12	15	6	71.4	39
	PH86-02	137-147	.4	1 3.4	21	97860	589	2	13	17	6/	68.3	35
	PH86-03	7-17	.3	1 3.3	-26	117950	562	3	16	20	7/	80.9	39
	PH86-03		.4	1 4.9		132080	797	1	10	17	8	91.4	48
	PH86-03		.3	1 3.1	25	120250	863	1	14	26	7	84.3	39
	PH86-03		.4	1 4.5	24	114660	518	2	13	19	6	83.1	35
	PH86-04 7		.4	1 4.7	22	93170	548	3	9	19	6	61.9	35
-	PH86-04		.3 .4	1 4.0 1 5.2	22	139870 95550	506 407	3	6 9	16 20	4 7	72.3	31
	PH86-04 2		•6	$\frac{1}{1}$ $\frac{5.2}{4.3}$	21 20	105850	486	2	10	<u>20</u> 18	6	<u>62.7</u> 65.1	40
	PH86-04		•0 ,4	1 4.5	20	105120	+87 525	۲ ۸	10	25	7	67.8	58 43
	PH86-04 5		.4	1 3.0	22	103120	525 590	3	13	23	8	67.c	43
	PH86-04		•3 •4	1 5.2	21	97230	529	3	13	20	6	64.2	38
	PH86-04 1		.3	1 3.6		101640	610	3	11	18	7	66.7	40
أسغيز	PH86-04		.3	1 4.0	21	90880	531	3	10	20	,	62.4	37
	PH86-04		.4	1 3.6	21	87570	525	2	15	17	6	62.3	44
	PH86-04		.3	2 3.4	21	77570	485	4	15	26	6	58.5	37
التعتقرا	PH86-04		.4	4 4.3	23	77080	530	4	18	22	6	62.0	45
	PH86-04	127-137	.3	5 2.9	22	65520	486	7	15	23	6	56.2	41

	COMPANY:	MORMINE R	RESDURCES	ion.	MIN-EN LABS	ICP REPORT	1174 470	(ACT:GE027) PAGE 2 OF 2
1.000	PROJECT	NU: IN: M.BELEY	Scale Imeter=	3.28 ft	1018 51., MUKIN (604)980-5814 DI	VRNLUUVER, B.C. (AAA)988-4574	V7N 1T2 * TYPE ROCK 6	FILE NO: 6-1202/P1+2 EDCHEM * DATE:NOV 28, 1986
		IN PPH)						
		20-30 (4						****
		30-40 80M	5					
	PH86-01		5					
	PH86-01 PH86-01		10					
		70-80	10 5				*******	弹动家业业物业的和优惠和利息会和业业会会有多多有多少。
	PH86-01		3.					
		90-100	5					
-		100-110	5					
		110-120	5				*****	****
		120-130 130-140	5 10					
		140-150	10					
		150-160	5					
		160-170	15					
		170-180	5	*******				
		180-190	3					
		190-200	5					
		200-210	5					
		210-220 220-230	5 5				***	
		230-240	5					
		240-250	3					
		250-260	5					
		260-270	5					
		270-280	5					
		280-290	3					
1		290-300	5					
		300-310 310-320	5 5					
	PH86-02		5		*************			
i		27-37 BOM	5					
·	PH86-02		5					
	PH86-02		10					
1	PH86-02		5	ی سند این		***	***	******
	PH86-02		10					
	PH86-02 PH86-02		5					
	PH86-02		5					
		107-117	5					
		117-127	5					******
	PH86-02		5					
أنستند		137-147	5					
	PH86-03		3			н. Н		
: 2	PH86-03 PH86-03		 5					****
	PH86-03		5					
	PH86-04		5					
	PH86-04		10					
	PH86-04		5			4.		
	PH86-04		5					
	PH86-04		5					
	PH86-04		5					
	PH86-04 PH86-04		5 5					
	PH86-04			****			,	****
	PH86-04		5	¢				
	PH86-04		5					
	PH86-04		10					
	PH86-04	127-137	5		***			*****

	CAMPANY:	MORNTNE	RESQURCES			NIN-E	N LABS	ICP REPORT				(ACT:	Æ027)	PAGE 1	OF 2
	PROJECT		Scale	= 3.28ft ⁷⁰	5 NEST	15TH ST.,	NORTH	VANCOUVER,	B.C. V7N 1	T2			LE NO:		
		N: M.BELE	y Imeter	= 3.28++		(604)980-	5814 OF	(604)988-4	524	* TYPE I	ROCK GEOCI	iem +	DATE:N	IOV 28,	1986
•		IN PPN)		AS	CD	CU	FE	MN	NO	NI	PB	SB		V	ZN
		137-147	(leet).4	6	3.4	28	74270	544	5	20	36	7	64.		47
	PH86-04		. 4	1	4.4	32	78840	540	5	17	24	6	62.		42
		157-167	.6	4	4.7	35	93670	714	4	17	21	8	69.		45
	PH86-04		.4	2	4.5	35	99390	812	4	20	23	8	71.		45
أنتسنى		177-187	.4	2	3.7	32	89450	688	4	18	18		64.		42
		187-197	.4	1	3.1	31	90030	638	2	19	24	ć	67. 69.		42
	PH86-04 PH86-04		4	1	4.4 4.0	32 29	92800 87810	617 577	2	19 17	21 20	6	63.		38 38
	PH86-04 PK86-04		.6 .4	1	3.4	27 30	84540	561	2	11	28	۵ ۸	60.		39 39
		227-237	.4	1	3.1	28	89930	587	3	16	23	7	65.		38
		237-247	.4	i	4.6	26	82660	575	4	11	21	i 6	62.		41
,	PH86-04		.4	1	4.2	32	87150	590	5	19	25	7	65.		43
		257-267	.3	3	2.3	24	47110	353	4	9	19	3	36.		24
	PH86-04	267-277	.3	1	4.4	27	78440	602	5	14	24	6	62.	1	41
	PH86-04	277-287	.4	1	4.3	24	76630	613	4	12	21	6	60.	8	45
	PH86-05	17-27	.3	1	5.6	17	86400	578	4	7	20	6	62.	6	41
	PH86-05		N/S												
	PH86-05		.4	1	4.8	23	99280	48 6	4	9	28	7	67.		58
	PH86-05		.6	1	5.1	25	99650	491	2	10	22	6	66.		56
	PH86-05		.4	1	5.0	23	97640	468	4	13	20	6	65.		45
	PH86-05		.3	1	4.7	34	81620	435	4	17	15	5	62.		44
(interest	PH86-05		.3	1	4.2	40	81820	375	4	16	19	5	60. 50		44
	PH86-05 PH86-05		.3 .3	1	4.1 3.2	41	80460 75050	371 333	3 3	16 15	16 10	5 5	58. 55.		42 42
	PK86-05		.3	1 1	3.2 4.7	46 48	78900	333 468	ა 5	15	10	5	58.		- 42 - 45
أشعرا	PH86-05		.4	1	5.7	43	83240	582	5	15	20	6	65.		45
	PH86-05		.3	1	5.3	37	87860	681	3	17	12	6	64.		44
	PH86-05		.4	i	3.2	34	78 060	559	3	16	16	5	58.		42
	PH86-05		.4	1	3,4	33	77730	537	2	18	20	6	59.		46
	PH86-05		.4	3	4.0	26	68380	536	3	15	17	5	57.		43
	PH86-05	167-177	.5	i	4.8	33	99190	630	4	14	26	6	69.	9	45
	PH86-05	177-187	.7	1	5.2	30	84890	516	3	11	29	6	59.	6	41
	PH86-05	187-197	.3	1	4.2	28	83750	534	2	10	32	6	63.		45
	PH86-05		.5	1	3.8	34	85740	529	6	11	33	7	71.		46
	PH86-05		.5	5	5.0	32	83970	565	5	9	33	7	69.	the state that the last same to	43
أقفتها	PH86-05		.7	1	4.7	29	93220	573	4	8	34	8	73.		43
	PH86-05		.5	2	6.2	32	95910	539	8	9	37	8	82.		47
	PH86-05		.5	1	5.3	28	82960	523	5	8	35	5	61. 70		40 70
-	PH86-05 PH86-05	247-257	.5 .3	I t	3.4 6.1	28 30	85370 82430	506 525	7 1	5 7	27 32	7	70. 67.		39 39
	PH86-06		.7	1	7.1		145720	685	2	/ 11	25	8	100.		43
	PH86-06		.7	1	2.1		120620	674	3	10	16	7	77.		42
أفتسعا	PH86-06		.3	1	4.0		127290	640	3	11	18	6	82.		44
	PH86-06		.5	-	5.6		130130	564	4	4	16	- 6	76.		45
	PH86-06		.5	1	4.2		118140	507	3	3	18	4	68.		36
	PH86-06	99-107	.2	1	5.8	25	125490	593	2	4	16	6	76.	7	46
	PH86-06		.5	í	3.7		114370	446	3	5	14	5	69.		40
	PH86-06		.5	1	3.7		114290	459	2	6	19	6	72.		43
	PH86-06		.9	1	5.4		145790	587	3	7	16	· 7	87.		52
	PH86-06		.5	1	3.1		129100	472	22	13	17	6	68.		35
	PH86-06		.5	1	5.3		120970	430	2	19	14	6	71.		34 70
	PH86-06		.3	1	3.1		123950	475	3	20	- 17	7	92.		38 40
	PH86-06		.3	1	4,4		135310	570	2	10	16	5	87. 70.		49 #1
	PH86-06		•2 •2	1	4.4		161520	734	2 2	5 7	18 17	7	90. 78.		46 41
	PH85-06		.5	<u> </u>	3.8		143590	<u>673</u> 857	4	····· / 6	<u> </u>		78. 98.		41
	PH86-06		.5	1	4.9 4.0		175500 192630	857 1057	4 3	с 5	19	o 8	107.		46 46
	PH86-06		.5 .9	1 (4.V 5.1		203070	1037	4	4	20	7	108.		44
	PH86-06 PH86-06		.3	1 1	4.4		197760	910	5	4	17	7	108.		43
	PH86-06		.5	1	5.2		204010	934	4	5	17	6	111.		46
	1100-00	6V(67)	5 5 5 			· 45									

COMPANY: Project N	10: ²⁰ N	Inek	1-3-28 ft 705 HEST				F	ILE NO: 6-1202
ATTENTION				(604)980-5814 0	R (604)988-4524	# TYPE	ROCK GEOCHEN +	DATE: NOV 29,
(VALUES	IN PPM)	AU-PPB						
PH86-04	137-147	(feet) 5	,, _,, _					
PH86-04	147-157	10						
PH86-04	157-167	5	· ·					
PH86-04	167-177	5						
PH86-04	177-187	5						
PH86-04	187-197	5	,					****
PH86-04	197-207	. 5						-
PH86-04		5						
PH86-04	217-227	5						
PH86-04		5						
PH86-04		5		یو هم پی می بید به جد موافد ماه شد خد خد ماه ماه ماه مد				****
PH86-04		3						
PH86-04		5						
PH86-04		3						
PH86-04		5						
PH86-05		5				*****		
PH86-05		N/S						
PH86~05		10						
PH86-05		5						
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PH86-05		<u>-</u> 5						
PH86-05		э 5						
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PH86-05		5					***********	
PH86-05		5						
PH86-05		5						
PH86-05		10						
PH86-05		10						
PH86-05			*****	***************				
PH86-05		5						
PH86-05	177-187	5						
PH86-05		5						
PH86-05		10						
PH86-05	207-217	10						
PH86-05	217-227	5						
PH86-05 2	227-237	5						
PH86-05	237-247	5						
PH86-05 2		5						
PH86-05	257-267	3						
PH86-06		10		*************			******	
PH86-06 8		5						
PH86-06		5						
PH86-06		5						
PH86-06		5						
PH86-06		5						****
PH85-06 1		5						
PH86-06		נ 5						
PH86-06 1		а 5						
PH86-06 1					1			
		5	*********************	****				*****
PH86-06 1		10					11 - L	
PH86-06 1		5					·	
PH86-06 1		10						
PH86-06 1		5						
PH86-06 1	87-197	5						
PH86-06 1	97-207	5						
PH86-06 2		10						
PH86-06 2		5						
PH86-06 2		5						
	37-247	10						
	31-241	10						

	FOMPANY.		RECOURCES			NTN-	FN LARS	ICP REPORT				(ACT:6	F027) (AGE 1 OF 2
	PROJECT I	NO:	RESOURCES	in .	705 WEST			VANCOUVER,	B.C. V7N	172				-1202/P5+6
J.		N: M.BELI	EY Imeder =	3.28 11				(604)988-4		+ TYPE R	OCK GEO			W 28, 1986
		IN PPM		AS	CD	CU	FE	MN	MO	NI	PB	SB	Ī	ZN
	PH86-06	247-257	(feet).5	1	5.4	49	183280	876	5	6	17	6	112.1	
	PH86-06	237-267	.5	1	4.7	52	179690	765	4	7	20	7	106.9	
		267-277	.3	1	4.1	81	185160	694	4	11	22	6	107.2	
		277-287	.5	1	5.5	55	183890	661	4	6	23	6	108.3	
in an an	PH86-06 PH86-07	287-297	.9		4.3	43	205030	785		<u>4</u> 	<u>22</u> 18	7	110.2 88.1	
-	PH86-07		.5	1	3.3 4.2	30 26	133670	697 615	১ #	15	18	7	94.2	
	PH86-07		3	1	2.8	25	125620	617		13	24	8	83.1	
i yeardin	PH86-09		.9	1	5.7	30	118580	727	6	18	26	9	87.9	
-	PH86-09		.5	- 1	3.5	22	100260	618	5	10	21	. 6	78.	
	PH86-09		,9	10	5.2	26	77780	1058	7	14	38	8	74.	
أسست	PH86-09	27-37	.9	11	5.7	24	B5 690	830	9	15	34	9	85.7	58
	PH86-09	37-47	.7	1	2.9	22	75020	1000	4	8	32	6	47.0	5 33
	PH86-09		.3	1	5.8	31	150960	750	2	5	21	8	65.8	
1	PH86-09		.3	1	5.2	32	128720	922	3	2	22	7	53.1	
	PH86-09		.7	20	5.0	29	68570	862	7	14	48	8	65.1	
	PH86-09		.5	16	6.6	27	56040	854	7	14	47	8	60.1	
	PH86-09 PH86-09		.3 .5	21 28	5.3 5.5	26 26	42240 41360	1200 1144	10 11	14 15	5 3 53	8 8	48.1 28.6	
		107-117	.5	25	4.1	20 23	42060	1610	, 11 9	15	43	с 8	31.3	
		117-127	.5	26	5.0	28	46420	1247		15	50		51.6	
;		127-137	.5	28	4.1	23	48410	973	8	18	56	8	56.2	
		137-147	.5	25	3.9	26	47010	933	7	17	49	9	48.1	
	PH86-09	147-157	.3	24	2.8	22	47950	1156	7	10	41	8	48.0	50
1	PH86-09	157-167	.5	25	5.3	35	59780	1435	8	14	49	9	70.1	49
		167-177	.9	44	8.1	43	69490	3014	10	19	70	14	106.1	
	PH86-09		.9	38	7.2	32	69350	1701	11	15	63	12	115.4	
		187-197	.9	22	6.0	28	68690	1120	9	10	55	11	88.4	
	PH86-09		.9	4	5.4	27	96830 57050	973	6 0	7	37	9	78.2	
	PH86-07	207-217		18	4.4	<u>24</u> 24	<u>53250</u> 87710	1034 996	8	<u>11</u> 10	<u>44</u> 47	8	64.1 68.5	*******
	PH86-09		.1	r ç	J.1 5.5	26	85980	1022	8	10	40	7 9	69.1	
		237-247	.5	11	7.2	26	68190	954	8	12	45	, 9	72.3	
	PH86-09		.9	18	6.5	25	66340	963	7	14	46	10	76.2	
		257-267	.9	17	7.1	30	56620	841	8	15	49	10	69.1	
	PH86-09	267-277	.7	22	5.4	27	53680	819	8	11	42	9	49.6	
	PH86-10		.7	1	4.8	25	121690	624	3	19	24	8	83.7	
	PH86-10		.5	1	4.2	26	117580	564	3	12	18	7	80.4	
	PH86-10 PH86-10		.9 .9	1 23	9.5 6.5	35 27	111770 59460	1027 931	6 9	8 14	45 53	10 10	92.7 80.(
	PH86-10		1.1	1	6.6	<u>27</u> 35	132520	1114	7	7	35	11	105.1	
	PH86-10		.9	1	6.2	39	150780	1026	4	5	22	11	109.7	
اس	PH86-10		.9	21 -	6.5	38	73720	1004	10	16	61	11	98.8	
	PH86-10	77-87	.9	24	5.3	38	54350	921	Ģ	15	56	10	83.4	49
	PH86-10	87-97	.7	17	4.6	19	47190	736	8	10	53	9	66.0	
أنتق	PH86-10		.7	15	5.0	25	72110	849	8	10	57	10	74.3	
	PH86-10		.9	1	6.5	26	133920	865	2	6	24	9	80.4	
		117-127	.9	1	6.8	26	143710	771	1	5	19	9	72.6	
		127-137	,7 ,F	1	6.0	26	150750 140380	812 1035	2	5	20 24	9 10	79.4 78.1	
		<u>137-147</u> 147-157	.5	<u> </u>	<u>6.5</u> 4.9	<u>31</u> 40	91470	988		<u>6</u>	39	9	65.2	
	PH86-10		.7	12	4.8	25	72330	690	7	10	46	9	71.3	
		167-177	.7	14	5.6	23	59130	675	7	12	47	9	67.2	
-		177-187	.5	22	5.1	24	51550	952	9	12	50	9	60.7	53
		187-197	.5	17	3.4	20	46910	939	10	13	46	8	55.2	
wal		197-207	.7	16	5.4	26	56980	971	8	8	47	10	60.1	
		207-217	.7	16	3.9	26	46610	1269	9	15	44	8	48.1	
		217-227	.9	19	4.9	26	55820	1024	9	14	42	9	66.5	
		227-237	.7	24	5.4	24	68610	908	9	11	55 57	10	80.2	
	PH86-10	237-247	.9	27	3.8	23	51830	852	11	15	56	10	72.(50

	COMPANY: MORMINE PROJECT NO:	Scalersin	705 NEST	MIN-EN LABS I I 15TH ST., NORTH V	ANCOUVER, B.C. V7		FILE NO	
	IVALUES IN PPH		· · · · · · · · · · · · · · · · · · ·	(604)980-5814 OR	(604)988-4524	* TYPE ROCK GE	OCHEM * DATE	:NOV 28, 1986
	PH86-06 247-257 PH86-06 257-267	(feet) 5 3						
	PH86-06 267-277	5						
1	PH86-06 277-287 PH86-06 287-297	5						
	PH86-07 7-17 PH86-07 17-27	5						
1	PH86-07 27-37	5						
	PH86 -09 7-1 7 PH86-09 17-22	5 5						
	PH86-09 22-27 PH86-09 27-37	5 5			*****	* * * * * * * * * * * * * * * * * * * *	*****	****
	PH86-09 37-47	5						
	PH86-09 47-57 PH86-09 5 7-67	5 10						
	PH86-09 67-77	5	*****			*****		*****
	PH86-09 77-87 PH86-09 87-97	5 3						
	PH86-09 97-107 PH86-09 107-117	5						
	PH86-09 107-117 PH86-09 117-127	5						
	PH86-09 127-137 PH86-09 137-147	5 5						
	PH86-09 147-157	5						
	PH86-09 157-167 PH86-09 167-177	5		****	*****		*****	الله عله عنه الله منه ألب الله عنه الله عنه الله عنه الله عنه الله.
	PH86-09 177-187	5						
L.	PH86-09 187-197 PH86-09 197-207	э 5						
	PH86-09 207-217 PH86-09 217-227	5			***			
. net	PH86-09 227-237	5						
	PH86-09 237-247 PH86-09 247-257	10 5						
	PH86-09 257-267	5		****	* W == W = M == M == W = M == M == M ==	***	*******	
	PH86-09 267-277 PH86-10 7-17	5						
	PH86-10 17-27 PH86-10 27-37	5						
	PH86-10 37-47	5						
	PH86-10 47-57 PH86-10 57-67	5 3						
	PH86-10 67-77	5						
	PH86-10 77-87 PH86-10 87-97	5 5						
	PH86-10 97-107 PH86-10 107-117	5 5						y = w + = = # 4.# 4 =
	PH86-10 117-127	10						
int	PH86-10 127-137 PH86-10 137-147	3 5						
	PH86-10 147-157	5		*** ** ** ** ** ** ** ** ** ** ** ** **	~~~~~			
	PH86-10 157-167 PH86-10 167-177	5 5						
	PH86-10 177-187	5						
Wasse	PH86-10 187-197 PH86-10 197-207	<u>5</u> 5	*****		۲ ،		****	****
	PH86-10 207-217 PH86-10 217-227	3 5						
• i	PH86-10 227-237	10						
	PH86-10 237-247	5	***					

	COMPANY: MO	RMINE F	RESOURCES			MIN-I	EN LABS	ICP REPORT				(ACT:GE	027) PA	GE 1 OF 2
	PROJECT NO:		Scale		705 NEST			VANCOUVER,				FIL	E ND: 6-	1202/P7+8
	ATTENTION:							(604)988-			ROCK GEOCI	****		28, 1986
	(VALUES IN		AG	AS	CD	CU	FE	MN	MO	NI	PB	SB	Y	ZN
	PH86-10 24	17-257		32	6.4	22	33960	842	10	18	59	9	53.0	53
	PH86-11 7- PH86-11 17		•6	5 9	4.4 3.8	24 22	82160 86200	637 561	5	21 18	29 27	6	75.4 72.1	49
	PH36-11 17		.0	4	2.0	25	80160	367	4	8	28	5	65.2	51 54
	PH86-11 27		.4	1	2.4	19	102500	464	2	7	18	5	71.5	14 54
	PH86-11 37	***	.3	3	1.5	24	74140	285		5	22	5	66.1	40
	PH86-11 .47		.4	5	3.4	16	64030	247	5	8	26	4	57.0	34
	PH86-11 57	-67	.3	1	2.2	16	65440	222	4	7	21	4	47.9	36
	PH86-11 67		.3	1	1.3	14	56690	189	2	5	18	3	29.9	32
	PH86-11 77		.3	3	1.1	15	65370	239	4	5	22	4	52.9	39
	PH86-11 87		.4	1	3.6	16	83000	389	4	4	25	4	60.7	46
	PH86-11 97		.3	1	2.6	17	80590	384	3	5	12	4	56.3	54
	PH86-11 10 PH86-11 11		.4 .	1	3.6	19	89050	365	3	6	18	4	57.4	55
	PHE6-11 11 PHE6-11 12		.3	2	3.3 2.0	16 15	94120 88960	373 285	2	4 E	19 18	4	58.9	48
أحتمر	PH86-11 13			<u>i</u>	1.8	15	92700	344	<u> </u>	<u>J</u>	17	4	<u>57.2</u> 58.1	46. 54
_	PH86-11 14		.3	1	2.9	16	104780	410	1	5	15	۲ ۸	56.4	47
	PH86-11 15		.4	1	2.2	17	107270	402	1	5	17	4	59.1	43
	PH86-11 16		.3	1	4.1	15	82260	277	2	6	15	į	52.2	39
	PH86-11 17	7-187	.3	1	2.1	14	73550	252	3	4	17	4	46.5	41
	PH86-11 18		.3	1	3.1	14	70350	232	2	7	16	3	44.2	34
	PH86-11 19		.4	1	2.7	15	75000	26 3	4	6	15	4	47.8	38
	FH86-11 20		.3	3	2.2	14	64480	246	4	6	20	4	46.0	39
	PH86-19 7-		.3	16	3.4	24	80640	510	5	23	36	7	79.4	54
,	PH86-19 17		4		4.3	27	93640	625		20	29		78.4	54
-	PH86-19 22 PH86-20 7-1		.3 .3	1 6	3.3 3.7	21 24	100880 95940	504 553	2	10 15	20	5	72.2	50
	PH86-20 13		.3	0 1	3.7 3.4	20	101760	459	" 3	13	32 15	7 5	77.0 68.8	3 54 44
2 sd	PH86-20 17-		.3	1	3.0	19	92310	349	3	5	20	5	66.6	48
	PH86-20 27		.3	8	3.8	22	82610	375	5	7	35	5	73.4	55
	PH86-20 37		.3	1	3.9	20	91830	488	8	8	20	 6	80.3	61
,	PH85-20 47-	-57	.3	1	4.3	18	115150	487	3	6	19	5	79.5	47
	PH86-20 57		.5	1	4.3		125020	449	3	5	16	6	76.1	43
	PH86-20 67-		.3	1	4.1		124980	489	3	5	15	5	78.0	44
	PH86-29 77-		.5	1	3.8	21	119530	487	3	4	14	5	77.7	46
	PH86-20 87-		.3	1	4.6		106660	368	4	7	15	5	75.3	46
	PH86-20 97- PH86-20 101		.5 .7	1	6.3 5.9		147370 133660	892	3	23 28	21	8	111.2	47
	PH86-20 117		.3	1	5.9		125640	787 630	2	28 33	27 26	8 8	115.5 112.5	50 47
	PH86-20 12		.5	1	5.6		122140	534	3	8	12	5	85.9	43
	PH86-20 13		.5	<u>i</u>	7.7		126940	643	4	25	25	5	108.4	45
	PH86-20 147		.3	1	6.2		127550	546	3	25	16	6	115.1	41
land -	PH86-21 7-	17	.5	1	5.8	24	121020	657	4	14	20	7	85.5	46
	PH86-21 17-		.2	1	5.2	22	123160	630	3	12	21	6	88.6	41
	PH86-21 22-		.3	1	5.6		107700	517	3	10	24	6	75.2	49
	PH86-21 27-		.5	1	5.6		132050	581	3	13	18	7	80.3	49
	PH86-21 37-		.5	1	6.3		107990	608	6.	14	31	8	82.5	46
	PH86-21 47- PH86-21 57-		.5 .3	37 31	4.8 5.1	25 27	44680 32520	613 539	11 9	16 17	58	8	64.0	59
اس ا	PH86-21 67-		.5 .5	51 60	5.5	25	34880	573	16	20	50 57	7 8	41.8 61.1	61 66
	PH86-21 77-		.5	44	5.4	30	49670	1247	11	17	61	10	76.3	60
	PH86-21 87-		.3	36	6.8	25	49290	682	10	15	56	9	68.2	54
	PH86-21 97-		.5	26	5.8	18	55950	664	9	11	49	8	63.1	47
	PH86-21 107		.3	23	7.3	16	71040	830	10	12	43	9	79.7	49
	PH86-21 117		.5	20	5.4	16	77840	1017	9	10	49	9	83.2	48
La secola da	PH86-21 127		.5	6	6.4	17	99280	867	9	5	36	9	82.8	38
	PH86-21 137		.3	18	6.2	17	80040	768	9	11	44	9	81.7	36
	PH86-21 147		.3	25	6.6	15	71190	825	9	12	44	9	74.0	36
مغلفمة	PH86-21 157		.5	32	5.6	20	58820	929	11	13	53	9	72.9	42
	PH86-21 16	1-177	.5	40	6.7	18	56270	870	11	15	56	10	74.4	46

ł	COMPANY: MORNINE RESOURCES PROJECT NO: Imeter = 3.26	NIN-EN LABS ICP REPORT Let705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7N 1T2 (100)980-5814 OF (100)989-4524 * TYPE POCK	(ACT:6E027) PAGE 2 OF 2 FILE NO: 6-1202/P7+8
	FILLERICES HENCLES	(604)980-5814 OR (604)988-4524 + TYPE ROCK	GEOCHEM * DATE: NOV 28, 1986
	(VALUES IN PPM) AU-PPB PH86-10 247-257(feet) 5		유 한 한 한 한 가격 한 구 한 가 는 것 같 것 같 것 같 것 같 것 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
أستعديا	PH86-11 7-17 5		
-	PH86-11 17-27 5		
	PH86-11 18-27 5		
	PH86-11 27-37 10 PH86-11 37-47 5		***
	PH86-11_47-57 5		
	PH86-11 57-67 5		
	PHB6-11 67-77 5		
	PH86-11 77-87 5	******	
	PH86-11 87-97 5 PH86-11 97-107 5		
	PH86-11 107-117 5		
	PH86-11 117-127 5		
	PH86-11 127-137 5	****	
	PH86-11 137-147 10		
	PH86-11 147-157 3 PH86-11 157-167 5		
-	PH86-11 167-177 5		
	PH86-11 177-187 3		
	FH86-11 187-197 5	***************************************	
y and	PH86-11 197-207 5		
	PH86-11 207-217 5		
	PH86-19 7-17 10 PH86-19 17-22 5		
	PH86-19 22-27 5		
	PH86-20 7-13 5		
	PH86-20 13-17 10	ς	
	PH86-20 17-27 5		
	PH86-20 27-37 3 PH86-20 37-47 5		****
	PH86-20 47-57 5		
	PH86-20 57-67 5		
	PH86-20 67-77 10		
النعين ،	PH06-29 77-87 5 PH66-20 87-97 5		1 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章 章
	PH66-20 87-97 5 PH86-20 97-107 5		
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	PH86-20 117-127 5		
	PH86-20 127-137 5		
	PH86-20 137-147 5 PH86-20 147-150 5		
inimal ⁱ	PH86-21 7-17 3		
	PH86-21 17-22 5		
	PH86-21 22-27 5		
Laure -	PH86-21 27-37 5		
	PH86-21 37-47 5 PH86-21 47-57 5		
	PH86-21 57-67 3		
	PH86-21 67-77 5		
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	PH86-21 117-127 5		
	PH86-21 127-137 5		後者 장정 것 안 못한 것 것 것 것 것 것 것 것 것 것 것 것 것 것 것 것 것 것
	PH86-21 137-147 10		$\mathcal{L}^{(1)}$
	PH86-21 147-157 5		
۲	PH86-21 157-167 5 PH86-21 167-177 5		•
	F HOG-21 10/-1/7 J		

and a grant of the second s	COMPANY: NORMINE RE	SOURCES	`		MIN	-EN LABS	ICP REPORT				(ACT:6	E027) PAG	E 1 OF 2
	PROJECT NO:	Scele	0.	705 WEST	15TH ST.	, NORTH	VANCOUVER, B	.C. V7M				E NO: 6-12	
	ATTENTION: M. BELEY	I meter =	3.2814		(604)98		(604)988-45	124		OCK GEOC		DATE: NOV	28, 1986
	(VALUES IN PPN)	AS	AS	CD	CU	FE	MN	MO	NI	PB	SB	V	ZN
	PH86-21 177-187(4.	eet].5	32	8.5	26	80080	766	9	8	49	11	86.2	43
	PH86-21 187-197	. 3	24	5.3	22	92540	753	8	8	37	11	92.0	32
	PH86-21 197-207	.5	17	6.9	18	? 5200	831	9	10	35	11	92.8	39
	PH86-21 207-217	.5	11	5.9	21	91090	711	7	8	31	9	86.7	37
	PH86-21 217-227	.9	23	6.1	23	80650	872	7	11	37	10	79.5	37
	PH86-21 227-237	.5	18	4.9	16	66510	900	7	15	41.	8	61.3	36
	PH86-21 237-247	.5	22	6.8	13	70350	1128	7	8	39	9	50.2	43
	PH86-21 247-257	.3	18	5.3	13	52440	913	7	7	28	7	33.5	42
	PH86-22 17-27	.3	1	5.5	21	121890	548	2	14	8	7	75.8	41
	PH86-22 27-37	.5	1	7.0	31	131010	652	4	25	12	8	100.5	51
	PH86-22 27-30	,7	1	7.9	36	136790	756	3	28	19	9	100.2	56
أنعش	PH86-22 37-47	.5	1	8.0	40	167100	820	5	39	30	11	129.0	71
	PH86-22 47-57	.5	1	7.9	35	153210	810	1	50	15	8	110.5	60
	PH86-22 57-67	.3	1	7.0	31	153700	1107	3	71	24	9	111.3	53
	"PH86-22 67-77	.5	1	6.6	40	142160	1131	3	38	19	8	111.0	46
	PH86-22 77-87	.5	1	6.3	63	121310	884	4	27	27	8	118.8	60
	PH86-22 87-97	.3	1	5.8	49	97820	682	3	28	29	7	100.7	69
	PH86-22 97-107	.3	1	5.3	28	91220	601	5	26	19	5	67.6	55
	PH86-22 107-117	.5	1	5.6	27	97850	614	3	21	27	6	68.5	50
	PH86-22 117-127	.3	1	3.4	21	78910	520	5	21	24	5	53.1	41
	PH86-22 127-137	.3	1	3.3	20	69490	422	3	17	22	3	46.8	35
أشمر	PHB6-22 137-147	.3	2	3.9	25	57670	451	4	17	36	5	48.6	47
	PH86-22 147-157	.3	1	4.1	19	46680	325	3	8	31	4	40.2	44
	PHB6-22 157-167	.5	10	6.8	29	53580	464	7	12	37	6	4B. 3	46
	PH86-22 167-177	.3	22	5.1	24	47060	493	7	14	43	7	47.8	51
	PH86-22 177-187	.5	16	5.5	25	62140	617	9	14	46	8	63.8	48
	PH86-22 187-197	.5	16	5.4	23	65290	561	7	12	39	8	73.1	45
	PH86-22 197-207	.3	12	5.4	22	57350	587	7	16	42	7	56.8	47
	PH86-22 207-217	.3	19	6.9	25	54260	638	8	16	44	7	62.0	48
-	PH86-22 217-227	.2	19	6.6	24	71710	791	7	13	39	9	75.8	43
	PH86-22 227-237	.5	15	6.9	27	80540	770	9	13	39	9	80.0	52
أفضت	PH86-22 237-247	.5	11	7.4	32	94550	939	7	14	51	10	93.6	48
	PH86-22 247-257	.5	10	7.5	37	103300	864	8	13	42	11	102.6	55
	PH86-22 257-267	.5	12	7.B	22	104960	884	Ģ	18	45	12	104.5	54
	PH86-22 267-277	.5	22	6.9	27	95570	836	9	14	51	11	97.1	50
	PH86-22 277-287	.7	20	5.6	28	71600	838	8	14	45	9	78.5	49
	PH86-22 287-297	.5	17	5.7	27	66950	787	7	20	41	8	71.3	51
	PH86-22 297-307	.5	17	7.2	26	792 60	877	7	14	42	10	83.7	48
	PH86-22 307-317	.5	8	7.0	31	83380	788	8	13	42	9	83.7	38
	PH86-01 30-40	.5	1	5.9	21	117470	722	3	12	17	7	77.0	46
	PH86-02 27-37	.7	1	4.2	22	124310	651	2	12	13	7	82.6	41
	PHB6-03 25-27	.5	1	5.3	26	137220	705	3	12	20	8	93.2	46
أنتفي	****	****			****			400 als 10- 10 40- 100 de 10- 1			***		

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	COMPANY: MORNINE	RESOURCES		NIN-E	N LABS ICP RE	PORT			(ACT:	GED27)	PAGE 2 OF	2
	PROJECT NO:	5 cale	3.28 feet 705 1	IEST 15TH ST.,	NORTH VANCO	JVER, B.C. V	7M 1T2		F	ILE NO: (-1202/P9+1	0
	ATTENTION: M. BELE	Y		(604)980-	5814 DR (604)	988-4524	* 1	YPE ROCK	SEOCHEN +	DATE: N	OV 28, 198	6
	(VALUES IN PPN)								****			-
	PH86-21 177-187	feet 5										-
1 Million	PH86-21 187-197	3										
	PH86-21 197-207	5										
	PH86-21 207-217	5										
	PH86-21 217-227	10										
أنيين	PH86-21 227-237	5										-
	PH86-21 237-247	3										
	PH86-21 247-257	5										
	PH86-22 17-27	5										
	PH86-22 27-37	10										
	PH86-22 27-30	5				***********	****	- 189 - 199 - 199 - 299 -	****		، جہ سے ہیں دانہ کا علم کی اف علم	-
	PH86-22 37-47	5										
	PH86-22 47-57	5										
	PH86-22 57-67	10										
1	2PH86-22 67-77	5										
	PH86-22 77-87	5					, m ai 40 m ai 40 m ai	** ** ** ** ** ** **				-
	PH86-22 87-97	3										
	PH86-22 97-107	3										
	PH86-22 107-117	5										
-	PH86-22 117-127	5	**									
	PH86-22 127-137	10								****		-
أسعد	PH86-22 137-147	5										
	PH86-22 147-157	5										
	PH86-22 157-167	10										
	PK86-22 167-177	10										
	PH86-22 177-187	5							*********			•
	PH86-22 187-197	5										
	PH86-22 197-207	5										
14 19 10	PH86-22 207-217	5										
	PH86-22 217-227	5										
	PH86-22 227-237	5										•
á	PH86-22 237-247	10										
	PH86-22 247-257	5										
	PH86-22 257-267	5										
	PH86-22 267-277	10		****								
	PH86-22 277-287	5										
	PH86-22 287-297	5										
	PH86-22 297-307	10										
lanast	PH86-22 307-317	5										
	PH86-01 30-40	5	****	****	*****							
	PH86-02 27-37	3										
	PH86-03 25-27	10										
			******						******		*******	

COMPANY: NO	RMINE R	ESOURCES					CP REPORT				IACT: 68	(027) PA	
PROJECT NO:	5	meter = 3	26ft.	705 WEST	15TH ST.,	NORTH V	ANCOUVER,	B.C. V7	M 1T2				0: 6-11
ATTENTION:		AY			(604) 980-						SEDCHEM +	DATE:ND	
IVALUES IN		AS	AL	AS		BA	BE	<u>RI</u>	CA	CD		CU	<u> </u>
PH86-08 0	7-17	.8	15080	1	18	248	3.0	2	11020	4,3		29	9210
PH86-08 1	7-27	.8	13520	1	14	216	2.7	2	10040	3.9		24	8896
PH86-08 2	7-37	.4	15770	1	21	188	3.0	1	11900	5.9		25	1021(
PH86-08 3	7-47	.8	18180	18	26	143	4.9	5	17150	6.3		38	6042
PH86-08 4	7-57	.4	16780	80	26	175	5.6	4	20910	6.6		34	5042
PH86-08 5		6	16330	59	28	270	5.6	4	23410	4.5		- 30	501(
PH86-08 6		.6	15790	64	27	206	5.7	4	14480	9.0		24	4593
PH86-08 7	7-87	.4	21410	9 9	31	163	7.1	6	20310	8.4		26	5951
PH86-08 8	7-97	.6	18270	100	30	153	5,9	6	16440	11.0	11	35	580
PH86-08 9		.6	19840	65	- 31	124	6.6	6	19300	11.0	10	38	539
PH86-08 10	7-117	.8	20460	39	30	123	6.0	6	20400	6.7	8	29	518
PH86-08 11	7-127	.8	15580	108	27	174	7.0	7	18780	7.4	12	36	541
PH86-08 12	7-137	.4	18720	89	30	226	6.3	6	19880	6.4	10	34	494
PH96-08 13	7-147	.8	22380	67	33	220	6.6	7	22700	6.2	! 9	33	508
PH86-08 14	7-157	.6	15780	68	27	237	6.7	7	18870	6.3	9	35	496
PH86-08 15	7-167	,4	17210	111	30	158	7.9	7	11350	5.6	11	33	546
PH86-08 16	7-177	.4	16920	63	26	164	6.6	7	16900	6.3	; 9	29	492
PH86-08 17	7-187	.6	19810	31	31	180	6.3	6	30720	6.5	9	28	580
PH86-08 18	7-197	.4	19750	15	31	205	5.6	5	31210	5.5	i 7	34	599
PH86-08 19	7-207	,4	15940	7	25	128	4,4	4	21910	5.0	7	23	516
PH86-08 20	7-217	. 4	16330	?	25	225	4.8	4	27440	4,5	6	23	469
PH86-08 21	7-227	.4	19130	8	28	255	4.6	5	20110	5.9	B	26	578
PH86-08 223	7-237	.8	24940	3	35	309	4.9	5	19060	6.8	10	25	872
PH86-08 23	7-247	.6	22450	i	31	264	4.2	2	17080	5.2	10	24	1113
PH86-08 24	7-257	.4	23630	1	31	262	4.1	3	16240	5.4	9	25	1089
PH86-08 25	7-267	,4	25110	3	33	207	3,9	3	16040	5.1	10	23	1213
PH86-08 26	7-277	.4	24400	1	32	210	3.8	1	15570	6.3	9	17	1226
PH86-08 273	7-287	.8	24430	1	35	183	4.1	3	17040	5.8	10	15	1294
PH86-08 28	7-297	.8	23820	4	31	189	4.1	1	26650	5.4	10	14	12690

N.

COMPANY:	NORMINE R	ESOURCES			MIN-E	N LABS I	P REPORT				(ACT: 6	E027) PAGE	2 OF
ROJECT N	0:	Scale	2.76 ft	705 WEST	15TH ST.,	NORTH V	NCOUVER,	B.C. V7M	172			FILE NO:	6-113
ATTENTION	: R.BARCL	AY	0-20 FC.		(604)980-	5814 OR	(604)988-4	524	+ TYPE	ROCK GEO	Chem +	DATE: NOV	7. 19
VALUES	IN PPM)	K	LĪ	MG	MN	MO	NA	NI	P	PB	SB	SR	Ţ
PH86-08	07-17	1570	8	7870	731	6	870	17	1430	25	4	85	
PH86-08	17-27	1470	7	6900	520	5	930	9	1220	22	3	79	1
PH86-08	27-37	1940	8	7400	748	6	1040	10	1080	40	4	75	1
PH86-08	37-47	2760	11	6960	1644	10	400	11	720	95	6	42	1
PH86-08	47-57	2140	11	5270	1566	10	360	12	890	17	10	48	1
PH86-08	57-67	2340	10	4400	1594	9	340	13	790	61	8	50	
PH86-08	67-77	2590	8	3420	1628	10	300	12	880	171	10	55	
PH86-08	77-87	2210	17	7740	2449	13	350	16	910	142	12	53	
PH86-08	87-97	2750	11	5110	3353	13	350	20	920	203	12	54	
PH86-08	97-107	2690	12	5770	2119	12	390	15	820	175	10	52	
PH86-08	107-117	2670	12	5600	2468	11	350	17	B10	90	8	49	
PH86-08	117-127	2280	7	3350	2501	12	370	17	1090	92	12	59	
PH86-08	127-137	2150	9	4340	2299	12	410	12	1070	81	9	64	
PH86-08	137-147	2670	13	6460	2562	12	390	17	1150	76	9	59	
PH86-08	147-157	2790	7	3740	2402	11	280	13	960	86	11	52	
PH86-08	157-167	2960	ß	3600	1185	13	250	15	1150	80	13	58	
PH86-08	167-177	2440	7	3170	1295	10	240	11	870	70	10	57	
PH86-08	177-187	2600	9	4040	1655	11	330	11	910	73	8	67	
PH86-08	187-197	2410	8	3910	1367	9	420	10	840	61	7	74	
PH86-08	197-207	2130	6	3770	1087	8	430	10	790	51	6	60	
PH85-08	207-217	1920	7	3340	1129	8	390	. 9	750	48	5	67	
PH86-08	217-227	2250	8	6690	1084	9	560	10	880	47	6	67	
PH86-08	227-237	2750	15	10830	1121	10	740	11	950	51	5	82	
PH86-08	237-247	2630	14	10080	9 86	10	760	5	790	44	7	73	
рн85-09	247-257	2240	12	9930	954	10	1270	4	860	37 -	5	83	
PH86-08	257-267	2390	13	10990	9 89	9	1540	5	860	32	5	85	
PH86-08	267-277	2310	. 11	10030	915	8	1520	5	710	32	6	89	
PH86-08	277-287	2690	11	10210	926	9	1420	4	780	36	6	82	
PH86-08	287-297	2860	10	9320	978	9	1130	4	700	37	7	77	

COMPANY	NORMINE	RESOUR	CES			MIN-EN LABS	ICP REPORT VANCOUVER, B.C. R (604)988-4524				IAC	T:GEO	27) PAS	
PROJECT	NU:	Iw	ieter:	= 3.28	105 WEST	15TH SI., NURTH	VANCOUVER, B.C.	V7M 1T2					FILE NO	
ATTENTI	IN: R.881	CLAY				(604)980-5814 0	R (604)988-4524	*	TYPE	ROCK	GEOCHEM	*	DATE: NOV	7.198
	IN PPH		<u> </u>	<u>-</u>		AU-PPB					*****			
	3 07-17	<i>leet</i>		82.5	69	50								
	17-27		1	69.1	54	20								
	3 27-37		1	74.8	131	10								
	37-47		1	50.7	152	15								
	47-57		1	47.3	152	5	وي موس مين من بين بين بين بين بين بين بين بين بين بي							******
	57-67		1	41.3	118	10								
	67-7 7		3	34.0	446	10				at g	а _.			
	1 77-87		1	61.8	313	20					•			
	87-97		1	52.8	757	10					:			
	97-107		1	53.0	480	5								
PH86-08	1 107-117		1	46.9	236	10								
PH86-08	117-127		1	33.2	204	10								
	127-137		1	35.9	161	5								
PH86-08	137-147		\$	44,0	159	5								
PH86-08	147-157		1	29.6	167	5							•	
PH86-08	157-167		1	25.6	179	10								
PH86-08	167-177		1	30.8	162	5								
PH86-08	177-187		1	49.4	139	5								
PH86-05	187-197		1	54.3	102	5								
PH86-08	197-207		1	51.2	110	3								
PH86-08	207-217		1	43,9	99	5								
PH86-08	217-227		1	63.6	114	10								
PH86-08	227-237		1	80.8	9 9	5								
PH86-08	237-247		1	85.9	92	5								
PH86-08	247-257		I	85.6	86	5								
PH86-08	257-267		1	95.0	75	10					*****	-		
PH86-08	267-277		1	95.2	81	5								
PH86-08	277-287		1	103.7	76	5								
	287-297		1	107.1	73	10								

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Conversion COMPANY: NORMINE RESOURCES Scale PROJECT ND: GODSLY 86-07 Imelar = 3.2895 NEST 15TH ST., NORTH VANCOUVER, B.C. V7N 172

(ACT:GED27) PAGE 1 OF 3 FILE NO: 6-1122

۲	KONFEL W); PDDPFi	60~	07 Im	10491 = 3.28	AN HERE	1010 01**	NUS IN Y	HMCOUVEN, 1	Delas V/S	1 1 1 2			FILE MU	12 0-11X
Ĥ	TTENTION	R.BARCL	AY				(604)980-	5814 DR	(604) 988-41	524	+ TYP	E ROCK GEDI	CHEM +	DATE: NOV	4. 198
	IVALUES 1	IN FPH)		AG	AL	AS	R	BA	BE	B 1	CA	CD	CD	CU	FE
	PH-86-07	37-47 f	eet	.7	12690	1	13	176	2.6	1	8330	2.3	ß	22	92050
	PH-86-07	47-57		.2	14790	1	15	180	3.3	3	7940	2.2	8	22	84510
	РН-86-07	52-57		.1	22200	8	22	141	4.8	8	8070	4.5	10	22	59490
	PH-86-07	57-67		.1	23120	7	25	136	4.9	6	19820	4.2	8	31	43990
	PH-86-07	67-77		.2	23290	20	25	140	5,5	5	31310	5.5	8	30	50020
	PH-86-07	77-87		.2	24280	5	26	147	5.1	7	28570	4.7	. 8	29	39440
	PH-86-07	87-97		.2	24640	2	26	332	5.1	8	37700	5.4	8	25	52350
	PH-86-07	97-107		.2	22080	16	22	629	5.0	6	35830	4.7 🔅	7	26	42120
	PH-86-07	107-117		.4	22330	17	24	498	5.6	9	44570	6.3	8	29	41140
	PH-86-07	117-127		.3	28670	6	31	773	5.8	7	46880	6.1	9	42	44480
	PH-86-07	127-137		,4	24450	27	25	658	6.0	7	40720	6.0	9	38	58100
	PH-86-07	137-147		.4	19320	21	22	424	5,2	6	38290	5.9	8	24	38940
	PH-86-07	147-157		.2	22340	3	26	359	4.7	5	37320	3.5	7	26	43090
	PH-86-07	157-167		.4	20090	1	22	1302	4.3	6	38190	5.5	6	18	35750
	PH-86-07	167-177		.4	16950	15	19	790	4.6	4	31090	4.6	7	26	45310
	PH-86-07	177-187		.5	20180	11	24	713	4,9	7	31420	4,9	8	21	68500
	PH-86-07	187-197		.4	20170	8	24	285	4.9	5	26460	4.6	8	16	62390
	PH-86-07	197-207		, 4	22460	9	28	444	5,4	6	32120	5.4	8	13	74440
	PH-86-07	207-217		.4	18370	24	25	391	5.3	6	274 70	4.7	9	13	79780
	PH-86-07	217-227		.6	18350	32	26	462	5.9	6	25020	5.2	9	16	76690
	PH-86-07	227-237		.5	17670	18	23	468	4.8	5	35220	4.2	7	37	60890
	PH-86-07	237-247		,8	23160	31	28	502	6.2	9	40020	5.2	10	56	61700
	PH-86-07	247-257		.9	19670	87	27	151	7.8	12	45810	5.2	12	154	64020
	PH-86-07	257-267		.5	23460	18	28	506	5.6	7	38850	5.0	9	31	63750
	PH-86-07	267-277		.6	21280	19	24	300	5,4	6	46520	4,4	9	20	78090
	PH-86-07	277-287		.6	17470	7	23	333	4.2	2	45440	3.9	8	16	79100
	PH-86-07	287-297		.5	13720	i	17	270	3.7	2	39430	2.5	6	16	58870
	PH-86-07	297-307		.5	13650	1	18	299	3.5	1	35980	2.8	6	15	66540
	PH-86-07	307-317		.6	13000	1	17	407	3.7	4	40610	3.9	6	15	60060

COMPANY:	NORMINE REA	BOURCES	nuccion			N LABS IC					(ACT:6E	027) PAGE	
RUSELI	Ant pondet s	Scal	تو	103 m 51	15TH ST.,							FILE NO:	
	N: R. BARCLA	1 meter			(604)980-					ROCK GEOCI		DATE: NOV	
	IN PPM)	<u> </u>	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
рн-86-0	7 37-47 fee	+1350	6	7150	446	5	940	13	1220	15	5	69	1
PH-86-0	7 47-57	1800	9	6480	453	6	810	12	1080	16	5	65	1
PH-86-0	7 52-57	3890	11	7480	493	10	510	17	840	30	5	62	1
PH-86-0		3810	9	6870	636	. 9	260	12	550	31	4	60	1
PH-86-0	7 67-77	3130	9	6120	901	11	320	11	740	35	6	64	1
PH-86-0	7 77-87	2830	12	7000	744	11	290	11	480	36	4	66	1
рн-в6-б	7 87-97	2370	11	7870	1301	10	370	13	550	41	5	92	1
PH-86-0	7 97-107	1790	10	7010	1441	10	340	13	450	44	5	86	1
PH-86-0	7 107-117	2180	11	6600	2030	11	450	16	630	62	6	101	1
PH-86-0	7 117-127	2370	14	8770	1853	11	470	17	.760	50	4	104	i
PH-86-0	7 127-137	2020	11	7990	1801	11	510	16	430	49	8	99	1
H-86-0	7 137-147	2290	8	5250	1602	9	490	14	350	86	6	86	1
H-86-0	7 147-157	2280	10	6730	1055	10	490	15	310	42	4	84	1
'H-86-0	7 157-167	2320	9	6230	1000	9	410	11	280	38	3	79	1
'H-86- 0	7 167-177	2100	8	6530	1030	9	340	11	600	34	6	70	1
H-86-0	7 177-187	3000	9	7830	1320	10	430	12	720	36	6	78	1
PH-86-0	7 187-197	3000	9	B46 0	943	9	450	11	840	37	7	72	1
PH-86-0	7 197-207	3590	10	8390	1020	10	470	9	880	36	7	80	1
PH-86-0	7 207-217	3440	8	7250	90B	9	370	8	640	34	9	69	1
PH-86-0	7 217-227	3960	6	5940	962	9	340	8	600	40	10	73	1
PH-86-0	7 227-237	3050	7	6930	1218	10	330	10	790	36	8	81	1
PH-86-0	7 237-247	3040	11	10230	1224	12	300	11	850	47	9	87	1
PH-86-0	7 247-257	2770	9	8400	1399	14	270	14	890	64	15	84	1
PH-86-0	7 257-267	2850	12	10540	1279	11	300	13	870	39	8	86	1
PH-86-0	7 267-277	2740	11	9070	1546	10	280	9	820	39	9	97	i
PH-86-0	7 277-287	3160	7	6840	1470	9	270	7	710	27	7	84	1
	7 287-297	3080	5	4800	1121	8	250	7	700	22	6	70	1
PH-86-0	7 297-307	3270	5	4700	1057	7	240	5	660	16	6	65	1
PH-86-0	7 307-317	2890	5	5180	1112	8	260	9	730	27	7	74	1

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ONPANY: NORMINE RES	OURCES	0.00 4		MIN-EN LABS ICP REPORT	(ACT:6	E027) PAGE 3 OF 3
ROJECT ND: GODSLY 8	15-07 Cono	ersime L	705 WEST	15TH ST., NORTH VANCOUVER, B.C. V7N 1T2		FILE NO: 6-112
TTENTION: R. BARCLAY				(604)980-5814 OR (604)988-4524 +	TYPE ROCK GEOCHEM +	DATE: NOV 4, 198
	U	<u> </u>	<u>2N</u>	***		
PH-86-07 37-47	1	77.4	64			
PH-86-07 47-57	1	75,7	71			
PH-86-07 52-57	1	68.7	92			
PH-86-07 57-67		49.2	66			
PH-86-07 67-77	1	54.6	61			*****
PH-86-07 77-87	1	58.8	58			
PH-86-07 87-97	1	63.5	91			
PH-86-07 97-107	1	59.1	71			
PH-86-07 107-117	1	39.7	167			
PH-86-07 117-127	1	56.0	72			***
PH-86-07 127-137	1	77.2	77			
PH-86-07 137-147	1	31.6	213			
PH-86-07 147-157	1	48.4	87			
PH-86-07 157-167	1	40.1	75			
PH-86-07 167-177	1	51.6	67			
PH-86-07 177-187	1	77.5	64			
PH-86-07 187-197	1	69.2	58			
PH-86-07 197-207	1	78.6	56			
PH-86-07 207-217	1	85.4	57			
PH-86-07 217-227	1	102.7	62			
PH-86-07 227-237	1	85.9	56			
PH-86-07 237-247	1	99.4	64			
PH-86-07 247-257	i	57.4	60			
PH-86-07 257-267	1	93,2	58			
PH-86-07 267-277	i	86.0	59		~~~	***
PH-86-07 277-287	1	71.2	54			
PH-86-07 287-297	i	51.8	51			
PH-86-07 297-307	1	38.3	46			
PH-86-07 307-317	1	44.2	51			

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

j	PHONE: (604) 980-5814 DR (604) 988-4524			TELEX:VIA USA 7601067 UC
ď	Cert	ificate of	ASSAY	
	CompanyiNORMINE RESOURCE Project:BOOSLY 86-07 Attention:R.BARCLAY		Dat Typ	e:6-1122/P1 e:NOV 6/86 e:ROCK GEOCHEM
ľ	<u>We hereby certify</u> the f	ollowing results for	samples submitted	
	Sample Conv. Scale Con Number Incle = 3.28.	AU-WET PPB		
j	PH-86-07 37-47 Sect PH-86-07 47-57 PH-86-07 52-57 PH-86-07 57-67 PH-86-07 67-77	5 10 5 5 5		
i	PH-86-07 77-87 PH-86-07 87-97 PH-86-07 97-107 PH-86-07107-117 PH-86-07117-127	5 5 5 20 10	· · ·	
j	 PH-86-07127-137 PH-86-07137-147 PH-86-07147-157 PH-86-07157-167 PH-86-07167-177	5 5 5 10 5	·	
	PH-86-07 177-187 PH-86-07 187-197 PH-86-07 197-207 PH-86-07 207-217 PH-86-07 217-227	5 10 5 5 5	· · · · ·	
	PH-86-07 227-237 PH-86-07 237-247 PH-86-07 247-257 PH-86-07 257-267 PH-86-07 267-277	5 3 5 5 10		
ł	PH-86-07 277-287 PH-86-07 287-297 PH-86-07 297-307 PH-86-07 307-317	5 5 5 5		

Certified by

APPENDIX III

SOIL GEOCHEMICAL RESULTS

Special is in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7N 172

UNE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

ompany:NORMINE RESOURCES Froject:NORMINE GOOSLY B HORIZON Attention:R.BARCLAY File:6-915/P1 Date:OCT 11/86 Type:SOIL GEOCHEM

the following results for samples submitted.

internet and a start of the Start					
ample	CU	ZN	AG	AS	
Number	PPM	FFM	PPM	PPM	
BN 16E	20	73	0.6	3	
EBN 17E	19	82	0.6	4	
LBN 18E	22	98	0.3	2	
BN 19E	22	148	0.4	1	
BN 22E	16	134	0.8	7	
8N 23E	15	132	0.6	1	· · ·
8N 24E	22	94	0.7	3	
L8N 25E	16	275	0.7	2	
8N 26E	25	106	0.7	1	
8N 27E	18	134	0.8	1	
LBN 28E	22	243	1.0	4	
BN 30E	19	120	0.8	2	
10N 15+00E	23	80	0.6	4	
L10N 16+00E	24	74	0.6	3	
'10N 17+00E	19	98	0.6	1	
LION 18+00E	22	101	0.6	5	
LION 19+00E	18	178	0.5	1	
ION 20+00E	18	58	0.3	1	
ION 21+00E	19	283	0.7	1	
LION 22+00E	19	55	0.4	2	
10N 23+00E	20	154	0.8	2	
L10N 24+00E	24	77	0.4	1	
10N 25+00E	24	73	0.6	1	
10N 26+00E	20	104	0.6	2	
L10N 27+00E	22	138	0.7	1	
10N 28+00E	15	49	0.3	1	40MESH
10N 29+00E	18	170	0.8	1	
L10N 30+00E	20	49	0.5	1	
12N 16E	23	78	0.4	2	
12N 17E	18	252	0.6	1	

Certified by

Specialists in Mineral Environments 705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

#ONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company:NORMINE RESOURCES Project:NORMINE GOOSLY B HORIZON ttention:R.BARCLAY File:6-915/P2 Date:OCT 11/86 Type:SOIL GEOCHEM

<u>We hereby certify</u> the following results for samples submitted.

Sample	CU	ZN	AG	AS	
Tumber	PPM	PPM	PPM	PPM	
L12N 18E 12N 19E 12N 20E 12N 21E L12N 22E	38 37 19 16 24	140	1.2 0.8 0.6 0.4 0.6	3 2 1 1 8	40MESH 40MESH
12N 23E L12N 24E 12N 25E 12N 26E L12N 27E	18 32 18 18 18	125 139 100 157	0.4 0.7 0.4 0.4 0.5	1 1 1 1 1	
12N 28E	16	62	0.4	3	
12N 29E	16	124	0.4	2	
L12N 30E	18	60	0.3	1	
14N 11E	20	75	0.6	1	
14N 12E	18	48	0.5	8	
' 14N 13E	21	92	0.6	3	
14N 14E	25	101	0.7	1	
14N 15E	20	84	0.6	1	
L14N 16E	21	97	0.6	1	
14N 17E	20	98	0.8	4	
L14N 18E	19	150	0.6	1	
14N 19E	21	210	0.7	1	
14N 20E	24	68	0.5	1	
L14N 21E	19	127	0.6	1	
1.14N 22E	20	158	0.6	1	
214N 23E	18	63	0.5	6	
L14N 24E	20	124	0.6	4	
.14N 25E	22	93	0.6	2	
.14N 28E	18	74	0.5	1	
L14N 29E	18	59	0.6	1	

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7N 1T2

#ONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company:NORMINE RESOURCES Project:NORMINE GOOSLY B HORIZON ttention:R.BARCLAY File:6-915/P3 Date:OCT 11/86 Type:SOIL GEOCHEM

<u>He hereby certify</u> the following results for samples submitted.

Sample Cumber	CU PPM	ZN PPM	AG PPM	AS PFM	******
L14N 30E 16N 13E 16N 14E 16N 15E L16N 16E	24 21 18	123 126	1.0 0.5 0.8 0.8	4 3 2 1 2	
16N 17E L16N 18E '16N 19E 16N 20E L16N 21E	20	71 44 83 54 50	1.0 0.6 0.7 0.6 0.4		20MESH
16N 22E 16N 23E L16N 24E 16N 25E 16N 26E	12 20 21 22 18	25 163 93 60 138	0.3	2	20MESH
16N 27E 16N 28E 16N 29E L16N 30E 18N 13E	33 20 34 27 18	77 74	0.6 0.5 0.6 1.0 0.5	7 8	20MESH 20MESH
L18N 14E 18N 15E 18N 16E L18N 17E 18N 18E	19 17 18 26 26	65 69 68 54 77	0.6 0.4 0.7 0.6 1.0	3 1 2 1 3	
E18N 19E L18N 21E 18N 22E L18N 23E L18N 25E	18 18 19 18 24	94 115 153	0.5 0.6 0.6 0.6 1.0	1 1 3 2 1	

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MIN-EN LABORATORIES LTD.

Special ts in Mineral Environment.

705 West 15th Street North Vancouver, B.C. Canada V7N 1T2

ONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

<u>Certificate of GEOCHEM</u>

File:6-915/P4 Date:OCT 11/86 Type:SOIL GEOCHEM

The hereby certify the following results for samples submitted.

		-			
⊯ample Number	CU PPM	ZN PPM	AG PPM	AS PPM	
18N 26E L18N 28E 18N 29E 18N 30E 20N 10E	18 32 26 32 20	64 67 52 60 68	0.4 0.5 0.2 0.4 0.3	1 1 5 3 1	
.20N 11E 20N 12E L20N 13E .20N 14E 20N 15E	17 21 25 24 25	56 107 185 140 195	0.5 0.4 0.9 0.8 0.8	1 1 1 1 1	
L20N 16E 20N 17E 20N 18E L20N 19E .20N 20E	30 22 24 29 24	81 75 100 65 84	0.4 0.4 0.5 0.5	1 1 1 4 1	
L20N 21E '.20N 22E .20N 23E L20N 24E L20N 26E	28 23 36 20 29	110 62 68 54 57	0.6 0.4 0.5 0.2 0.5	1 1 1 1 7	
20N 27E L20N 28E .20N 29E .20N 30E L22N 10E	32 25 23 27 18	64 70 45 68 57	0.4 0.5 0.4 0.4 0.3	3 1 2 3 1	
.22N 11E 22N 12E L22N 13E .22N 14E .22N 15E	24 20 24 NO SAI 21	69 70 116 MPLE 60	0.4 0.3 0.5 0.4	1 3 1 1	
	و مترجها الله علم الي الي عن الله عن الله عن اليه الله بين الله عن الي الي الله عن الي الي الله				en er generale en

Certified by

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Special ts in Mineral Environment.

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

IDNE: (604) 980-5814 DR (604) 988-4524

TELEX: VIA USA 7601067 UC

<u>Certificate of GEOCHEM</u>

ompany:NORMINE RESOURCES
Project:NORMINE GOOSLY B HORIZON
Attention:R.BARCLAY

File:6-915/P5 Date:OCT 11/86 Type:SDIL GEOCHEM

He hereby certify the following results for samples submitted.

		•			
dample	CU	ZN	AG	AS	
Number	PPM	PPM	PPM	PPM	
22N 16E	21	92	0.8	1	
L22N 17E	20	68	0.6	1	
L22N 18E	27	134	1.0	8	
22N 19E 22N 20E	34 19	96 58	0.6	6 2	
.22N 21E	24	75	0.6	1	
22N 22E	28	137	1.3	1	
L22N 23E	20	63	0.4	1	
1.22N 24E	26	80	0.6	6	
122N 25E	25	58	0.7	5	
L22N 26E	22	47	0.6	5	
.22N 27E	19	42	0.6	3	
22N 2BE	33	64	0.6	2	
L22N 29E	27	87	0.6	2	
.22N 30E	42	120	0.7	2	

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Specialists in Hineral Environments 705 West 15th Street North Vancouver, B.C. Canada V7N 1T2

	<u>Certifi</u>	cate of	<u>GEOCHEM</u>
Company:NORMI			File:6-915/P1
	NE GOOSLY A HORI	ZON	Date:OCT 9/86
Attention:MR.F	R.BARCLAY		Type:SOIL GEOCHEM
er an	+***** ++		- samples submitted.
		-	semples adouttee.
Sample	HG		
Number	PPB		
8N 15+50E	75		
8N 16+00E	70		
8N 17+00E	90	40MESH	
8N 17+50E	60		
8N 18+50E	65		
8N 19+00E	75		
8N 19+50E	130	40MESH	
8N 20+00E	135	20MESH	
8N 20+50E	160		
8N 21+00E	130		
BN 23+00E	9¢		
8N 23+50E	75		
8N 24+00E	130	40MESH	
8N 25+50E	105		
8N 26+00E	145		
8N 27+00E	95		
8N 28+00E	75		
8N 29+00E	110	40MESH	
8N 29+50E	115	40MESH	
10N 18+00E	75		
10N 21+50E	95	40MESH	
10N 22+00E	65		
10N 24+50E	80		
10N 27+50E	120	40MESH	
10N 29+00E	60		
10N 30+00E	170	40MESH	
12N 16+00E	40		
12N 16+50E	30		
12N 17+00E	50		
12N 18+00E	65		
		Certified b	Annad
		vercitied D	
			MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments 705 West 15th Street North Vancouver, B.C. Canada V7N 172

	4) 988-4524	- 영말 은 위 후 후 후 후 약 두 두 두 두 두 두 두 두 두 두 두 두 두 두 두	TELEX:VIA USA 7601067
	Certifi	cate of G	EOCHEM
Company:NORMINE Project:NORMINE Attention:MR.R.	GOOSLY A HORIZ	ON	File:6-915/P2 Date:OCT 9/86 Type:SOIL GEOCHEM
<u>We hereby certi</u>	<u>fy</u> the followi	no results for sam	ples submitted.
Sample Number	HG PPB		
12N 18+50E	45		
12N 19+00E	125		
12N 20+00E	110		
12N 21+00E	115		
12N_21+50E	110		
12N 22+00E	130		
12N 23+50E	80		
12N 24+00E	105		
12N 25+50E	60		
12N 26+50E	110	20MESH	
12N 27+00E	75		
12N 28+00E	140		
12N 30+00E	155		
14N 14+50E	85		
16N 16+50E	90	40MESH	
16N 17+00E	115	40MESH	
16N 18+50E	110	ZOMESH	
16N 19+50E	95	40MESH	
16N 20+50E	140	20MESH	
16N 21+00E	100	***	
16N 21+50E	135	20MESH	
16N 22+50E	90	20MESH	
16N 24+50E	105		
16N 25+50E	125		
16N 27+00E	125	40MESH	
16N 27+50E	75	40MESH	
16N 28+00E	130		
16N 28+50E	100	20MESH	
16N 29+00E	90		
16N 29+50E	80		

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7N 172

PHONE: (604) 980-5814 OR (604) 988-4524

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TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company:NORMINE RESOURCES Project:NORMINE GOOSLY A HORIZON Attention:MR.R.BARCLAY

File:6-915/P1 Date:OCT 9/86 Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	HG PPB		
8N 15+50E	75	******	
8N 16+00E	70	1	
BN 17+00E	90	40MESH	
8N 17+50E 8N 18+50E	<u>ර</u> 65		
014 107JVC	0U	***	
8N 19+00E	75		
8N 19+50E	130	40MESH	
8N 20+00E	135	20MESH	
_ 8N 20+50E	160		
8N 21+00E	130		
8N 23+00E	90		
8N 23+50E	75		
8N 24+00E	130	40MESH	
8N 25+50E	105		
BN 26+00E	145		
 8N 27+00E	 95		
3N 28+00E	75		
BN 29+00E	110	40MESH	
BN 29+50E	115	40MESH	
10N 18+00E	75		
		л съм с ець	
10N 21+50E 10N 22+00E	95 6 5	40MESH	
10N 22+00E	80		
10N 27+50E	120	40MESH	
10N 29+00E	60	·····································	
10N 30+00E	170	40MESH	
12N 16+00E	40 70		
12N 16+50E 12N 17+00E	30		
12N 18+00E	50		
			D = 1
		Certified by	HITTIC Mart
		reletited by ""	<u>-</u>
			MIN-EN LABORATORIES LTD.

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 DR (604) 988-4524

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TELEX: VIA USA 7601067 UC

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Cer	tí	fic	ate	e 07	GEO	CHEM

Company:NORMINE RESOURCES	File:6-915/P2
Project:NORMINE GOOSLY A HORIZON	Date: OCT 9/86
Attention:MR.R.BARCLAY	Type:SOIL GEOCHEM

He hereby certify the following results for samples submitted.

Sample Number	HG PPB		
12N 18+50E	45		
12N 19+00E	125		
12N 20+00E	110		
12N 21+00E 12N 21+50E	115 110		
12N 21700C	····		
12N 22+00E	130		
12N 23+50E	80		
12N 24+00E	105		
12N 25+50E 12N 26+50E	60 110	20MESH	
= 12N 28730E		2011680	
12N 27+00E	75		
- 12N 28+00E	140		
12N 30+00E	155		
14N 14+50E	85	44 . 19. 1. 4 Juni Jun 1 1	
16N 16+50E	90	40MESH	
16N 17+00E	115	40MESH	
16N 18+50E	110	20MESH	
🗰 16N 19+50E	95	40MESH	
16N 20+50E	140	20MESH	
16N 21+00E	100		
	135	20MESH	
16N 22+50E	90	20MESH	
16N 24+50E	105		
# 16N 25+50E	125		
16N 27+00E	125	40MESH	
₩ 16N 27+50E	75	40MESH	
16N'28+00E	130		
16N 28+50E	100	20MESH	
16N 29+00E	90		
16N 29+50E	80		
			· · · · · · · · · · · · · · · · · · ·

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Specialts	in Mineral	Environments	2°
		5 5 5 1 11714 (T 5	

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

DNE: (604) 980-5814 DR (604) 988-4524

;

. 1

TELEX: VIA USA 7601067 UC

<u>Certificate of GEOCHEM</u>

Dompany:NORMINE RE Project:NORMINE GC Attention:R. BARCL	OSLY A HORIZON	[File:6-915/P3 Date:OCT 9/86 Type:SOIL GEOCHEM
hereby certify	the following	results f	or samples	submitted.
mample Number	HG PPB			
6N 30+00E 18N 15+50E 18N 17+00E 3N 18+50E 8N 19+50E	130 140 95 90 105	40MESH 20MESH 20MESH		
8N 20+00E SN 20+50E 18N 21+00E '9N 23+50E BN 26+50E	45 60 30 50 35	40MESH 40MESH 40MESH 40MESH		
18N 27+00E 3N 27+50E 8N 28+50E 18N 29+00E 8N 29+50E	85 80 60 75 80	40MESH 40MESH		
18N 30+00E 20N 10+50E 0N 11+50E 20N 12+00E 20N 12+50E	120 90 70 55 50	40MESH 20MESH 40MESH		
ON 15+50E 20N 16+00E TON 16+50E ON 16+50E 20N 18+50E	75 95 110 135 130	40MESH 40MESH 40MESH		
ON 19+00E ON 20+00E 20N 21+00E ON 22+00E ON 22+50E	80 120 80 100 90			

Certified by_

E: (604)980-5814 OR (60			***	*****		TE	LEX:VIA USA 7601067 UC
	Cert	<u>tific</u>	ate	of	GEOL	THEM	****
mpany:NORMINE oject:NORMINE tenti on:R.B AR	GOOSLY CLAY	A HORIZO				Date: Type:	6-915/P4 OCT 9/86 SOIL GEOCHEM
<u>hereby certi</u>	<u>f</u> v the	followin	g results	; for	samples	submitted.	
mple mber		HG PPB	*******	n far ver ski ikk på st. <u>en s</u>			
N 23+00E N 23+50E N 24+00E N 24+50E N 25+00E		115 105 160 120 110	40MESH 40MESH 20MESH 40MESH 40MESH				
N 25+50E N 26+00E N 26+50E N 27+00E N 27+50E		90 115 130 100 100	40MESH 40MESH				
N 28+00E N 28+50E N 29+00E N 29+50E N 30+00E		100 70 95 90 90	40MESH 20MESH				
N 11+00E N 11+50E N 12+00E N 13+00E N 13+50E		55 70 75 50 110	40MESH				
N 14+00E N 14+50E N 15+00E N 30+00E		100 95 70 90	40MESH 40MESH			· · · · · · · · · · · · · · · · · · ·	

MIN-EN LABORATORIES LTD.

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APPENDIX IV

STATISTICAL STUDY & ANALYTICAL PROCEDURES BY MIN-EN LABORATORIES LTD.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments Corner 15th Street and Bewicke 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatments the samples are digested with <u>Agaa Regia</u> solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments Corner 15th Street and Bewicke 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

Ag,Al,As,B,Bi,Ca,Cd,Co,Cu,Fe,K,Mg,Mn,Mo, Na,Ni,P,Pb,Sb,Sr,Th,U,V,Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

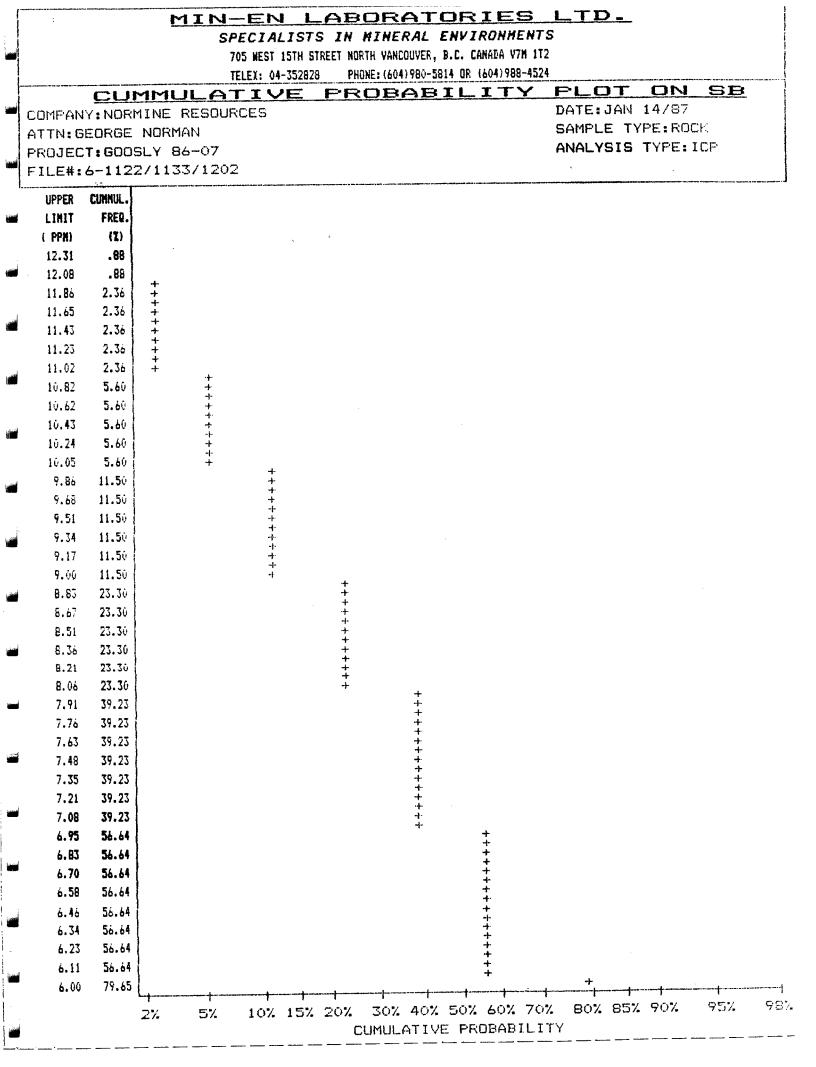
1.0 gram of the samples are digested for 6 hours with HNO_3 and $HClO_4$ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000ICP. Inductively coupled Plasma Analyser. Reports are formated by routing computer dotline print out.

			SPE	CIALIS	STS IN	MINERA	AL ENVI	RONMEN	ITS		
			705	WEST 15TH	I STREET NO	RTH VANCOU	VER, B.C. C	ANADA V7N	172		
		*****	TEL	EX: 04-352	828 PH	ONE: (604) 9	80-5814 DR	(604)988-4	524		
		COF	REL	<u>AT</u>	ION	COE	EFFI	CIE	ENTS	3	
MPANY	(:NOF	MINE F	ESOURC	ES					DATE	E:JAN 14	/87
TN: GE	ORGE	E NORMA	iN						SAMF	PLE TYPE	ROCH
OJECT	: GOC	DSLY 86	-07						ANAL	YSIS TY	PE:ICF
_E#:6	-112	2/1133	5/1202								
							− اسا سا ۲۰				
	÷	BELOW							•	VALUES	тнат
HOWIN	NG TH	IE INTE	R-ELEM	IENT CO VALUE	FOR .C	LION CC	DEFFICI	ENTS.	THOSE	•	
HOWIN XCEED	NG TH	E INTE	R-ELEM	IENT CO VALUE	FOR .C	LION CC	DEFFICI	ENTS.	THOSE	VALUES	
HOWIN	NG TH	E INTE	R-ELEM	IENT CO VALUE	DRRELAT	TION CO	DEFFICI	ENTS.	THOSE	VALUES	
HOWIN KCEED N DAR	NG THE THE KER AG	HE INTE EIR CRI PRINT AS	R-ELEM TICAL AND UN CU	IENT CO VALUE IDERLIN MN	DRRELAT	FION CO D1 LEVE PB	DEFFICI	ENTS. IGNIFI ZN	THOSE	VALUES	
IOWIN CEED I DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212	IENT CO VALUE IDERLIM MN .382	DRRELAT FOR .C NED. NI 049	PB	DEFFICI EL OF S SB	ENTS. IGNIFI ZN	THOSE CANCE AU	VALUES	
OWIN CEED DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212	IENT CO VALUE IDERLIM MN <u>.382</u> .710	DRRELAT FOR .0 NED. NI 049 .089	FION CO D1 LEVE PB <u>.290</u> .779	SB	ENTS. IGNIF ZN .105 <u>.626</u>	THOSE ICANCE AU	VALUES	
IOWIN CEED I DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212 .202	IENT CO VALUE IDERLIM MN <u>.382</u> .710	DRRELAT FOR .0 NED. NI 047 .089 <u>.201</u>	PB - 290 - 779 - 097	SB .519 .293	ENTS. IGNIF ZN .105 .626 .092	THOSE ICANCE AU .071 .093	VALUES	
IOWIN CEED I DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212 .202	IENT CC VALUE IDERLIM MN .382 .710 .231	DRRELAT FOR .0 NED. NI 049 .089 .201 .119	PB - 290 - 779 - 725	SB .519 .293	ENTS. IGNIF ZN .105 .626 .092 .651	THOSE ICANCE AU .071 .093 012	VALUES	
HOWIN XCEED N DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212 .202	IENT CC VALUE IDERLIM MN .382 .710 .231	DRRELAT FOR .0 NED. NI 049 .089 .201 .119	PB - 290 - 779 - 097 - 725 - 097	SB .519 .550	ENTS. IGNIF ZN .105 <u>.426</u> .092 <u>.651</u> .087	THOSE ICANCE AU .071 .093 012 .132 .034	VALUES	
HOWIN KCEED N DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212 .202	IENT CC VALUE IDERLIM MN .382 .710 .231	DRRELAT FOR .0 NED. NI 049 .089 .201 .119	PB - 290 - 779 - 097 - 725 - 097	SB <u>.519</u> <u>.550</u> <u>.199</u>	ENTS. IGNIF ZN .105 .626 .092 .651 .087 .798	THOSE ICANCE AU .071 .093 012 .132 .034 .127	VALUES	
HOWIN XCEED N DAR	NG THE THE KER AG	IE INTE IR CRI PRINT AS .242	R-ELEM TICAL AND UN CU .212 .202	IENT CC VALUE IDERLIM MN .382 .710 .231	DRRELAT FOR .0 NED. NI 049 .089 .201 .119	PB - 290 - 779 - 097 - 725 - 097	SB .519 .606 .293 .550 .199 .507	ENTS. IGNIF ZN . 105 . 626 . 092 . 651 . 087 . 798 . 242	THOSE ICANCE AU .071 .093 012 .132 .034 .127	VALUES	

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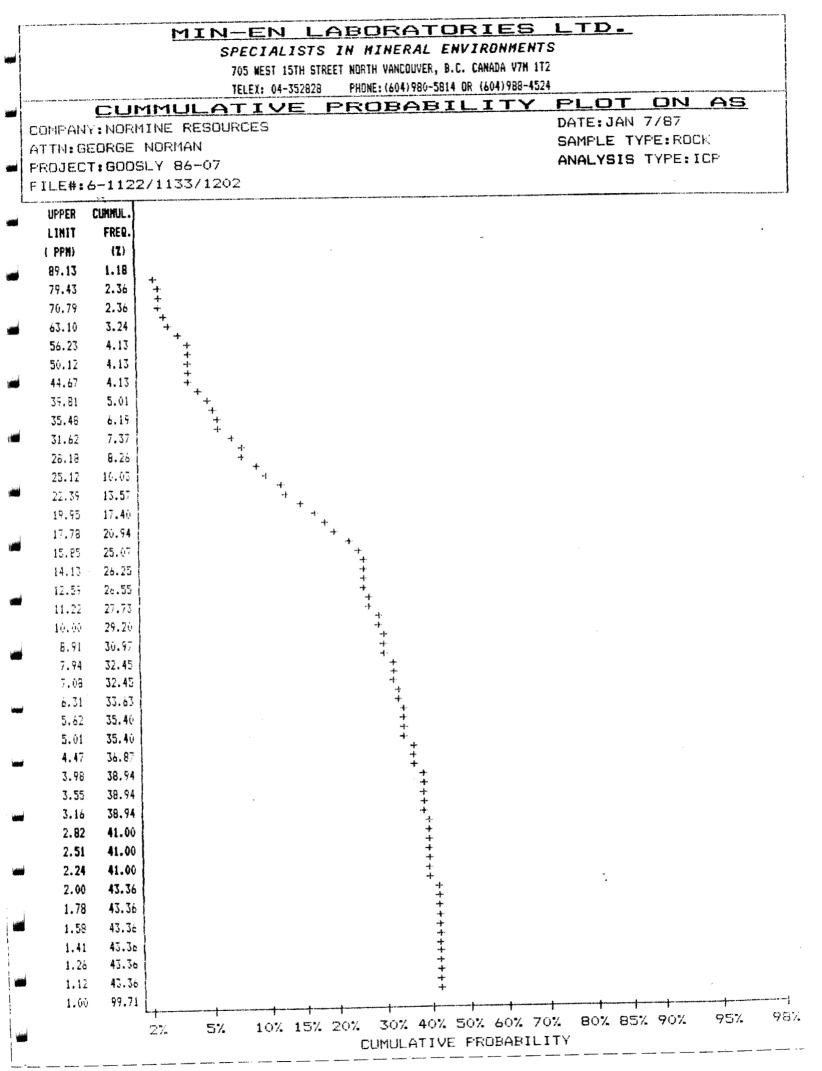
		RATORIES LTD.	
		ERAL ENVIRONMENTS	
		NCOUVER, B.C. CANADA V7M 1T2 504)980-5814 DR (604)988-4524	
we want to be a state of the st		JMMARY ON SB	an gin gin an ang partiratif. Bath tha dari han ang pang pang pang ban ban ang bir spra pang pa
COMPANY: NORMINE RESOURC		DATE: JAN	14/87
ATTN: GEORGE NORMAN		SAMPLE TY	PE:ROCK
PROJECT: GOOSLY 86-07		ANALÝSIS	TYPE:ICP
FILE#:6-1122/1133/1202			
		5 HIGHEST SB VALUES	-
NUMBER OF SAMPLES: 3 MAXIMUM VALUE: 1		PH-86-07 247-257	
MINIMUM VALUE:		PH86-09 167-177	
	7.10 PPM	PH86-08 157-167	13 PPM
STD. DEVIATION:		PH86-08 77-87	13 FPM
COEFF. OF VARIATION:		FH86-08 87-97	
	• 20	11100 00 07 77	
HISTOGRAM FOR SE	CLASS INTE	RVAL = .3	
MID CLASS CLASS			ilada a palaka kana a kana ana ana ana ana ana ana
PPM %			
< 6.00 20.35			
6.15 23.30			2
6.45 0.00			
6.75 0.00			
7.05 17.40			
7.35 0.00			
7.65 0.00			
7.95 15.93			
8.25 0.00			
8.55 0.00			
8.85 0.00			
9.15 11.80			
9.45 0.00			
9.75 0.00			
10.05 5.90			
10.35 0.00			
10.65 0.00			
10.95 3.24			
11.25 0.00			
11.55 0.00			
11.85 0.00			
> 12.00 2.06			
	0.00%	11.65% 23	-1
		FREQUENCY (%)	



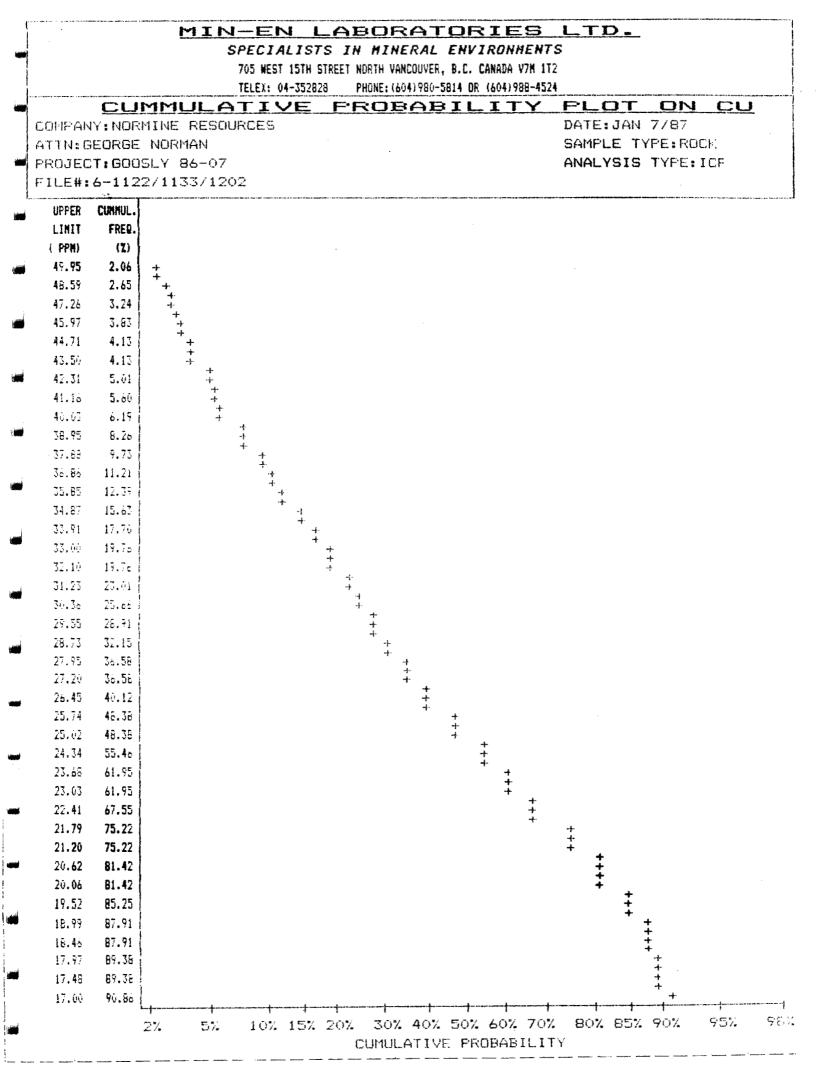
SPECIA 705 WEST TELEX: 0	N LABORATORIES LTD. ALISTS IN MINERAL ENVIRONMENTS 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 4-352828 PHDNE: (604) 980-5814 DR (604) 988-4524
STATISTI COMPANY:NORMINE RESOURCES ATTN:GEORGE NORMAN PROJECT:GOOSLY 86-07 FILE#:6-1122/1133/1202	ICAL SUMMARY ON AG DATE:JAN 7/87 SAMPLE TYPE:ROCK ANALYSIS TYPE:ICP
NUMBER OF SAMPLES: 339 MAXIMUM VALUE: 1.1 MINIMUM VALUE: .1 MEAN: .4 STD. DEVIATION: .1 COEFF. OF VARIATION: .4	O FPM PH86-10 47-57 1.1 FPM I7 FPM PH-86-07 247-257 .9 FPM .9 FPM PH86-06 127-137 .9 FPM
HISTOGRAM FOR AG	CLASS INTERVAL = .03
MID CLASS CLASS PFN %	
 < .30 .32 .32 .35 .38 .00 .38 .00 .41 .21.24 .44 .00 .47 .00 	
.50 23.60 .53 0.00 .54 0.00 .57 5.01 .62 0.00 .45 0.00	
.48 0.00 .71 6.19 .74 0.00 .77 0.00	
.80 3.24 .83 0.00 .86 0.00 .89 6.19 .90 1.18	
	0.00% 14.75% 29.50% FREQUENCY (%)

				15TH ST -352828		VANCOUVER, B :(604)980-581				
ATTN: PROJE	NY:NOR GEORGE CT:GOO	MMULAT MINE RESOURC NORMAN SLY 86-07 2/1133/1202	IV				 	PLOT DATE: JAN SAMPLE T	7/87	2
UPPER LIMIT (PPN)	CUMMUL. FREQ. (Z)						 	ar - Jan - Jahon Agin Ng, Kapaga N		
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.86	1	+ + + + + + +								
.83	1									
.81	7.67									
.79		T								
.77	1		+							
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. 69				+ + +						
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.63				+ -+ -+ -+ -+						
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.60					-) - -					
.58	22.12				++					
.57					+ +					
.55	22.12				+					
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.52	22.12				+ +					
.51	22.12				→ +					
.47	45.72					-+ +				
. 48	45.72					++				
.47	45.72					+				
.45	45.72					+++++++++++++++++++++++++++++++++++++++				
. 44	45.72					+++				
.43	45.72					++				
.42	45.72 A5.73					** * * * * * * * * * * * *				
.41	45.72					+				
.40 TO	66.96						+			
. 38 . 37	66.96 66.96						+			
. 37	66.96	ļ.					+			
. 36	66.96						+			
	66.96						+- 			
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.34	66.96 41 01						+			
.33	66.95						* * * * * * * * * * * * * * * * * * * *			
.32	66.90						+			
.31	66.90 96.17						+		-+	

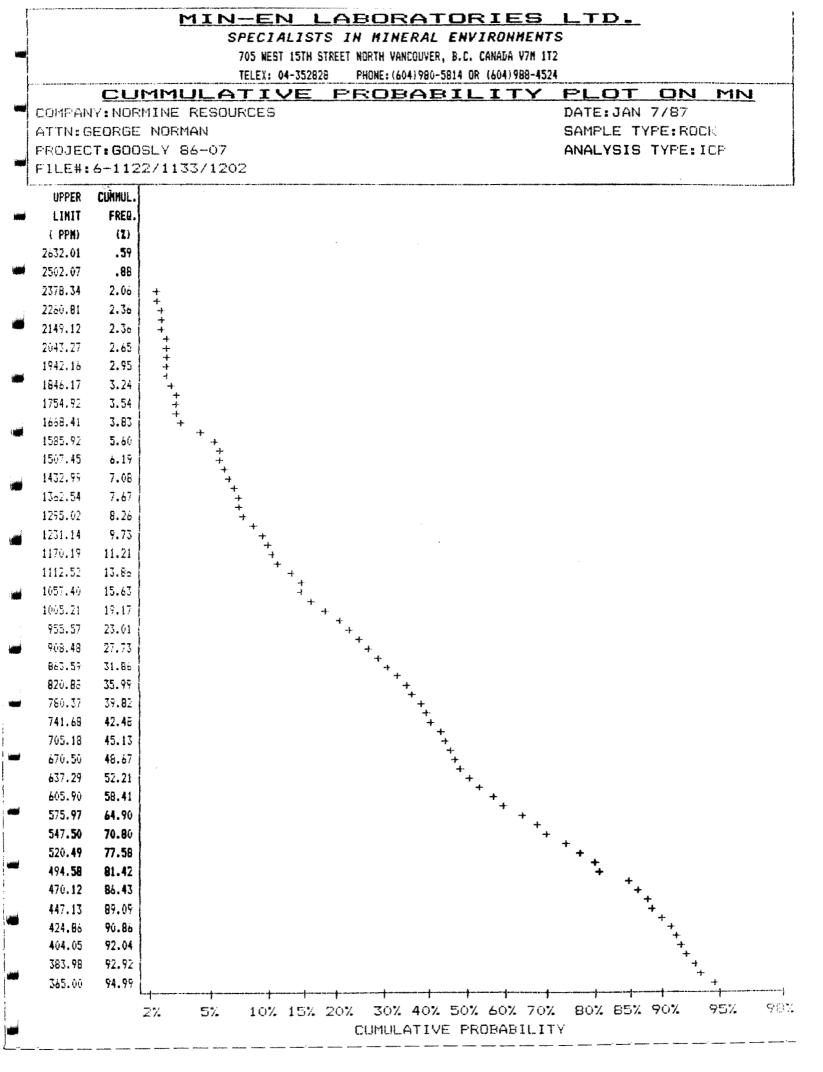
MIN-EN LABORATORIES LTD. SPECIALISTS IN MINERAL ENVIRONMENTS 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7H 1T2					
	TELEX:	04-352828 PHONE: (604)980-5814 OR (604)988-4524		
ST	ATIST	ICAL SI	JMMARY DN AS		
DMPANY: NORMINE				JAN 7/87	
TTN: GEORGE NOR			SAMPLE TYPE: ROCK		
ROJECT:GOOSLY			ANALY	SIS TYPE:ICP	
ILE#:6 <u>-1122/11</u>	33/1202				
NUMBER OF SA	MELES: 339	, <u>Mandalan aya a sana ananangkan kana anya ina dina dina dina dina dina dina dina</u>	5 HIGHEST AS VA	LUES:	
MAXIMUM VALU			FH86-08 157-167		
MINIMUM VALU			PH86-08 117-127		
	10.		FH86-08 87-97		
STD. DEVIATI			PH86-08 77-87		
COEFF. OF VA			PH86-08 127-137		
	<i></i>		$\frac{1}{10000000000000000000000000000000000$		
HISTOGRAM FOR		ULMDD INID			
MID CLASS PEN	ULHOO %				
[~ [~ [~ []	/n			an gin an lan bagan shaala balan waxaa ka sabaa ay ah an aa	
1.00	. 29				
2.08					
4.23	3.54				
6.38	2.95				
8.53	2.36				
10.68	2.36				
12.83		R			
14.98	3.54				
17.13	4.42				
19.28	2.36	85			
21.43	2.65				
23.58	2.36	R.			
25.73	1.77	B			
27.88	1.18	R			
30.03	.88	1			
32.18	1.18	E			
34.33	0.00				
36.48	.59	ł			
38.63	.59	ł			
40.78	.29				
42.93	0.00				
> 44.00	4.42				
		0.00%		61.06%	



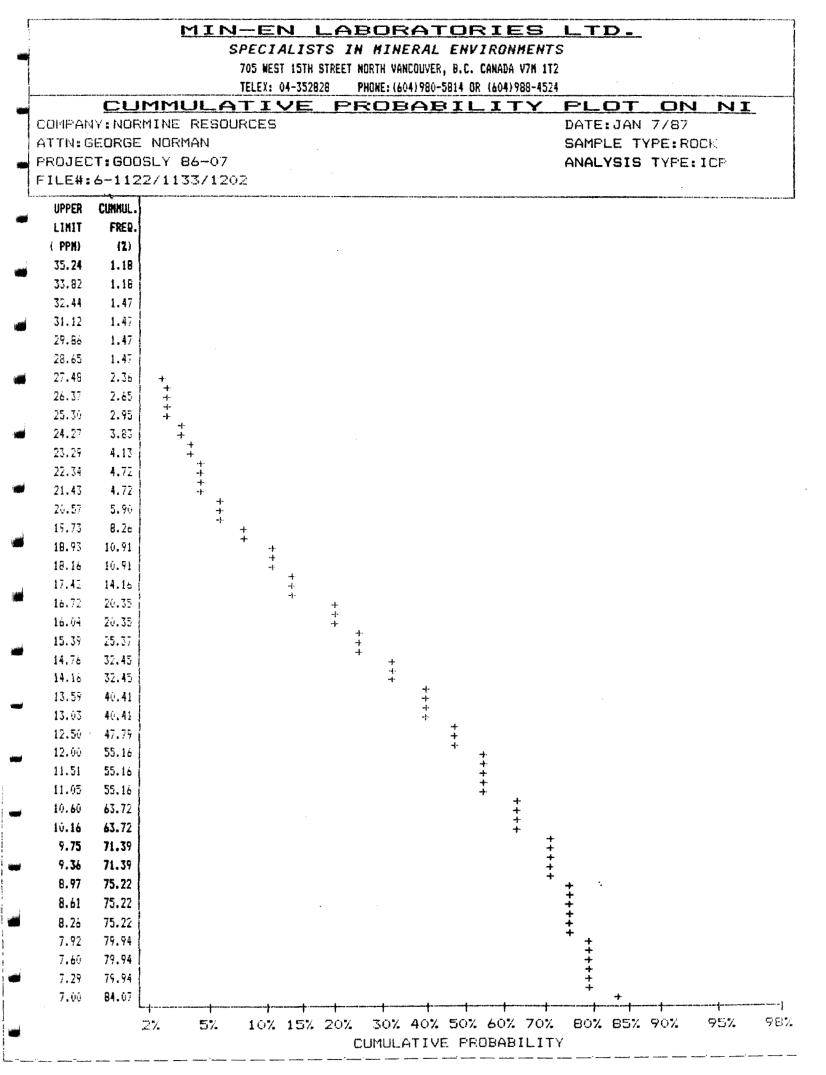
ST APANY: NORMIN	ATIST	ICAL SL	141980-5814 OR (604)988-4524	7/07
		3	DATE: JAN	
TN:GEORGE NORMAN OJECT:GOOSLY 86-07		SAMPLE TYPE:ROCK ANALYSIS TYPE:ICP		
E#:6-1122/1			nneiteite	-
NUMBER OF S	AMPLES: 33	9	5 HIGHEST CU VALUES	3
MAXIMUM VAL	UE: 154	.00 PPM	FH-86-07 247-257	154 FPM
MINIMUM VAL	JE: 13	.00 PPM	PH86-06 267-277	81 PPM
MEAN:	27	.12 PPM	FH86-22 77-87	63 FFM
STD. DEVIAT	ION: 10	.98 FPM	PH-86-07 237-247	56 PPM
COEFF. OF V	ARIATION:	.40	PH86-06 277-287	55 PPM
RISTOGRAM FO		CLASS INTER		999999 - 91 - 9199 - 91 - 91 - 92 - 92 -
ILD CLASS	CLASS	****		
FFh	7			
17.00	5.14			
17.95				
19.85	6.49		Net of Land Land Land Land Land Land Land Land	
21,70	13.86			
23.65	12.09			
25.55	15.34			
27.45	7.90			
29.35	6.49			
31.25	5.90			
33.15	4.13			
35.05	3.24			
36.95	2.65			
38.85	1.77			
40.75	2.36			
42.65	1.47			
44.55	. 29			
46.45	. 37			
48.35	1.18			
50.25	.29			
52.15	.29	E.		
54.05	0.00			
		1		



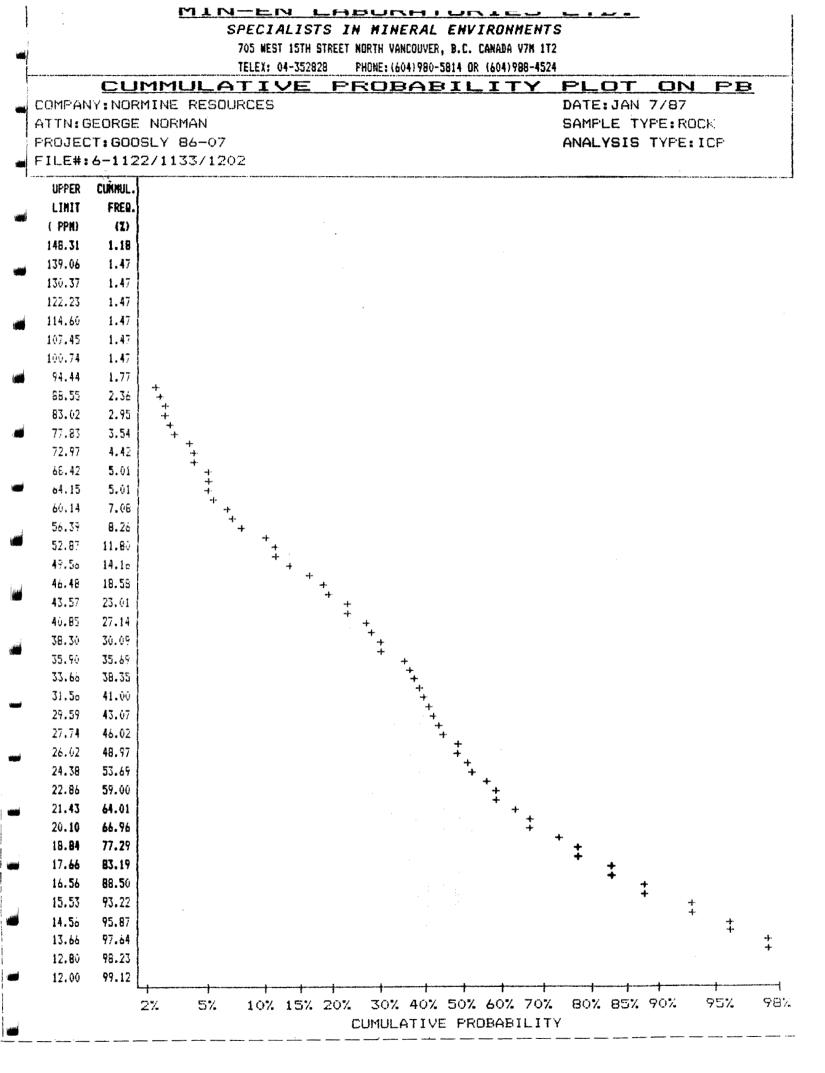
				14 OR (604)988-		
		CAL	SUMM	ARY C	DN MN DATE: JA	N 7/07
)MPANY:NORMINE RE(TTN:GEORGE NORMAN	BUURLES					TYPE:ROCK
ROJECT:GOOSLY 86-0	57					S TYPE:ICF
LE#:6-1122/1133/						
	د و بو بو بو بو بو برو می و بیند و باید و بین می و بین و بین می و بو بو بو بو بو بو بو موجود و بو بو بو بو بو بو بو بو باید و بو ب	an a an a chuir a an a	هی در میکند. میرون در میکند میرون میرون میرون میرون در میرون میرون میرون میرون میرون میرون میرون میرون میرون می			
NUMBER OF SAMPLE	ES: 339			5 HIGHE	ST MN VALU	ES:
MAXIMUM VALUE:	3353.00	PPM		PH86-08	87-97	3353 PPM
MINIMUM VALUE:	189.00	FPH		PH86-09	167-177	3014 PPM
MEAN:	789.52	PPH		PH86-08	137-147	2562 PFM
STD. DEVIATION:	431.39	F'F'H				2501 PPM
COEFF. OF VARIAT	TION: .55			PH86-08	107-117	2468 FFM
			<u> </u>	، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ،		
HISTOGRAH FOR MN						
MIL CLASS CI						
FF11	4 70			a tak in takan menangka meterinkan disertasa seria seria dari bara dari ba		
343.69	5.01 j					
417.58 8						
522 . 73 2 1	1.53					
627.88 1	7.11					
733.03 8	3.26					
838.18 10	5.32					
943.33 (3.85					
1048.48 5	5.90					
	4.13		ç			
1238.78	2.30					
1363.93	.83	THE STREET				
1465.08	.88					
	1.47					
	1.18					
1784.53	. 29	1				
1889.68	.27	ł				
1974.83	.29	1				
2099.98	.29	1				
	0.00					
2310.28	.29	I				
2415.43	.59					
> 2468.00	i.18					



MIN-EN LABORATORIES LTD. SPECIALISTS IN MINERAL ENVIRONMENTS 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7N 1T2 TELEV. AA 752020 - DVDVE- MCAUDED 5014 DD MCAUDED 4524					
			604)980-5814 DR (604)988-4524		
			JMMARY ON N		
OMPANY:NORMINE RESOURCES				IJAN 7/87	
TTN: GEORGE NO			SAMPLE TYPE: ROCK		
ROJECT: GOOSLY			ANAL	YSIS TYPE:ICP	
ILE#:6-1122/1	133/1202	an 1,15,21, 19,29 (2011 - 2011, 1, 21, - 1, 2), 2), 2) and 10 and 10 (2011)			
NUMBER OF S	AMPLES: 339	;	5 HIGHEST NI V	ALUES:	
MAXIMUM VAL			FH86-22 57-67		
MINIMUM VAL			PH86-22 47-57		
MEAN:	12.		FH86-22 37-47		
STD. DEVIAT			FH86-22 67-77		
COEFF. OF V			PH86-20 117-12		
HISTOGRAM FO	R NI	CLASS INTE	ERVAL = 1.3		
MID CLASS					
PF-h	7			ی می میکند. این می می وجود می بی می بی می این میکند. میکند میکن میکن میکن میکن می می این میکن می می این میکند. می می میکن می این می می می می می می می می می این میکند.	
7.00	4 K) C) 77		ant stored and the superior and the superior in the strategy of the store superior in the superior and the superior is the superior in the superior in the superior is the	25425-274622	
	9.14				
8.95	7.14 3.63				
10.25	3.63 7.67				
				117701114711471147017071011411147	
11.33 12.85	13.93				
14.15	7.96				
15.45					
16.75	6.19				
18.05	3.24				
19.35	5.01				
20.65	1.18				
21.95	0.00				
23.25	.59				
24.55	1.18				
25.85	.29	E.			
27.15	.29				
28.45	.88				
29.75	0.00				
31.05	0.00				
32.35	0.00				
> 33.00	1.18				
		0.00%	7.96%	15.93%	

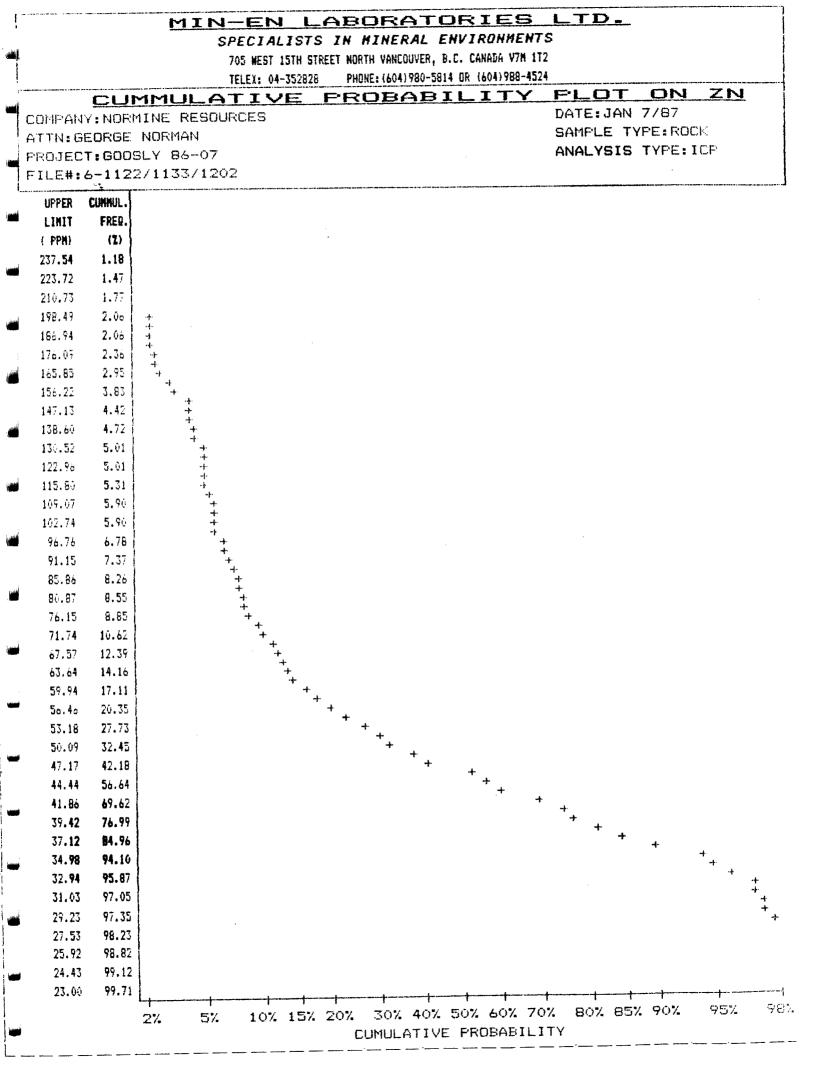


			ANCOUVER, B.C. CANADA V7M 1T2 604)980-5814 DR (604)988-4524	
ST		and a state of the subgroup give a state of general the behavior of the subgroup of	UMMARY ON PB	
PANY: NORMIN	E RESOURCES		DATE: JAN	7/87
TTN:GEORGE NORMAN			YPE:ROCK	
DJECT:GOOSLY			ANALYSIS	TYPE: ICF
E#:6-1122/1	133/1202			
NUMBER OF SI	AMPLES: 339	, ya an	5 HIGHEST PB VALUE	:5:
MAXIMUM VAL	UE: 203.	OO PPM	FH86-08 87-97	203 PPM
MINIMUM VAL			PH86-08 97-107	175 PFM
MEAN:	33.	38 PPM	FH86-08 67-77	171 PPM
STD. DEVIAT			PH86-01 20-30	
COEFF. OF VI	ARIATION: .	69	PH86-08 77-87	142 PPM
HISTOGRAM FO	R PB	CLASS INT	ERVAL = 6.5	
1ID CLASS				
F'F'M	%			
12.00	.86			
15.25				
21.75	25.66			
28.25	10.62			*
34.75				
41.25	9.14			
47.75	9.14			
54.25	4.13			
60.75	2.65			
67.25	.59	E		
73,75	.88	K		
80.25	.39	E		
Gard Sand an and Sand	.88	S		
86.75				
86.75 93.25	.59	-		
86.75 93.25 99.75	0.00	_		
86.75 93.25 99.75 106.25	0.00 0.00	_		
86.75 93.25 99.75 106.25 112.75	0.00			
86.75 93.25 99.75 106.25 112.75 119.25	0.00 0.00 0.00 0.00			
86.75 93.25 99.75 106.25 112.75	0.00 0.00 0.00 0.00 0.00			
86.75 93.25 99.75 106.25 112.75 119.25	0.00 0.00 0.00 0.00			
86.75 93.25 99.75 106.25 112.75 119.25 125.75 132.25 138.75	0.00 0.00 0.00 0.00 0.00 0.00 0.00			
86.75 93.25 99.75 106.25 112.75 119.25 125.75 132.25	0.00 0.00 0.00 0.00 0.00 0.00			
86.75 93.25 99.75 106.25 112.75 119.25 125.75 132.25 138.75	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00%	12.83% 2	



			NCOUVER, B.C. CANADA V7M 1T2 04)980-5814 OR (604)988-4524	
et.			IMMARY ON ZN	
MPANY:NORMINE			DATE: JA	N 7/87
TN: GEORGE NORMAN			SAMPLE	TYPE:ROCK
DJECT: GOOSLY			ANALYSI	S TYPE:ICF
_E#:6-1122/11				
۲۳. 		۲۹۰ - ۲۰۰۰ -		Man Ball Markey (1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19 Martin Markey (1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997
NUMBER OF SA	MPLES: 33	\$ 9	5 HIGHEST ZN VALL	IES:
MAXIMUM VALU			PH86-08 87-97	
MINIMUM VALU			PH66-08 97-107	
MEAN:		8.09 PPM	FH86-08 67-77	
STD. DEVIATI			PH86-08 77-87	
COEFF. OF VA			FH86-08 107-117	
				a Brosti P ad Lagonada ana ina nadi - Na baha na ari na dian biata ing ag
HISTOGRAM FOR	ZN	CLASS INTE	RVAL = 6.45	
11D CLASS	CLASS			
PPM				
< 23.00 24 7 7				
26.23				
	5.90		WHAT LINE THE WAS LODDEN AT A DESCRIPTION	14.3
39.13 As es				
45.58 Solos	27.14			
52.03 58.48	16.52 7.67			
58.48 64.93	7.67 2.35		ε.	
	<i>···</i> · · ·			
71.38	2.38			
27.83 84.28	.59			
84.28 90.73	.37 .83			
90.73 97.18	.88 .89			
103.63	.39	€ ⁹⁶⁷		
103.85	. 27	ž		
116.53	.27			
122.98	0.00	-		
122.98	.00	E		
135.88	• 47 • 29			
135.88	.29 0.00			
142.33	0.00			
> 152.00	4.13			
	in a atra£			
		0.00%	13.57%	27.14%

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SPEC. 705 W	IALISTS IN MIN EST 15TH STREET NORTH VA	COUVER, B.C. CANADA V7M 1T2 04)980-5814 OR (604)988-4524	
STATIST OMPANY:NORMINE RESOURCES TTN:GEORGE NORMAN ROJECT:GOOSLY 86-07 ILE#:6-1122/1133/1202		SAMPLE	IAN 7/87 TYPE:ROCK SIS TYPE:ICP
NUMBER OF SAMPLES: 33 MAXIMUM VALUE: 50 MINIMUM VALUE: 3	.00 PPB .00 PPB .95 PPB .47 PPB	5 HIGHEST AU VAL PH86-08 07-17 PH-86-07 107-117 PH86-08 17-27 FH86-08 77-87 PH86-08 37-47	50 PPB 20 PPB 20 PPB 20 PPB 20 PPB
HISTOGRAM FOR AU			
MID CLASS CLASS PPB 2		(VHL0	
 < 3.00 .29 3.30 8.53 3.90 0.00 4.30 0.00 			
5.10 73.75 5.70 0.00 6.30 0.00 6.90 0.00			
7.50 0.00 8.10 0.00 8.70 0.00 9.30 0.00			
9.90 15.93 10.50 0.00 11.10 0.00 11.70 0.00			
12.30 0.00 12.90 0.00 13.50 0.00 14.10 0.00			
14.70 0.00 > 15.00 1.47	0.00%		73. 75%

•			MIN-EN LABO			<u>ور الم الم الم الم الم الم الم الم الم الم</u>	7
				INERAL ENVIRONMENT			ĺ
l				VANCOUVER, B.C. CANADA V7N 112			
				: (604) 980-5814 DR (604) 988-4524	PLOT	ON AU	
1			MULATIVE PRO	BABILITY	DATE: JAN		
			1INE RESOURCES		SAMPLE T		
			NORMAN		ANALYSIS		
			6LY 86-07 2/1133/1202				
l	F1LC#1						
	UPPER	CUMMUL.					
	LINIT	FRED.					
	(PPB)	(7)					
فتعذر	15.10	1.18					
	14.49	1.77					
السرر	13.90	1.77					
	13.34	1.77					
	12.80	1.77					
أحجيها	12.28	1.77					
_	11.78	1.77					
	11.30	1.77					
	10.84	1.77					
	10.40	1.77					
	9.98	17.70	+ +				
	9.58	17.70	- 1 -i-			,	
	9.19	17.70	-+ -+				
	6.61	17.70	+ +				
	8.45	17.70	+ +				
	8.11	17.70	⊀- +				
	7.78	17.70	- । न				
	7.47	17.70	-+ -+				
		17.70					
	6.87	17.70	· +				
	6.59	17.70	+ +				
	6.33	17.70	+ + •				
	6.07	17.70					
	5.82	17.70					
	5.59	17.70					
فسينهيز	5.36	17.70	+ +				
	5.14	17.70	+ +			+	
	4.93	91.45				+ +	
أنتنها	4.73	91,45					
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	4.36	91.45				+ +	
en i	4.18	91.45				- 	
	4.01	91.45			č.	÷ +	
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نگ	3.69	91.45				4- -	
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	3.00	77.11	L	+++		. 90% 95%	1 98'
lioni)				30% 40% 50% 60% 70		. 704. 734	7 C)
			CUI	MULATIVE PROBABILI	ŧ,Y	• 7	

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APPRNDIX V

STATEMENT OF COST

STATEMENT OF COST GOOSLY 1 CLAIM GROUP

\$ 8,090.00

\$ 5,200.00

\$ 2,850.00

PERCUSSION DRILLING (Nov. 1 to Nov. 6, 1986)

F

F

L.	Spence	Enterpises	308.5 m @ \$24.60/m	\$ 7,589.10
	-		25 man hours @ \$20.00/hr	 500.00

LABOUR - PERCUSSION DRILLING - FIELD (Oct. 30 - Nov. 6, 1986)

NAME	POSITION	DAYS	DATE	COST/DAY	TOTAL
G. Norman, R. Barclay B. Kahlert	Project Geologist Project Coordinator Project Engineer	7.5 1 2.5	Oct. 30-Nov. 6 Oct. 1 Oct. 17-19 (prorated)	\$225.00 250.00 300.00	\$ 1,687.50 250.00 750.00
L. Warren C. Anderson B. Sauer B. Anderson	Field Advisor Field Assistant Slasher Slasher	3.5 5 4.5 4.0	Nov. 3-5 Nov.1-5 Oct.31,Nov.1-4 Oct.31,Nov.1-4	175.00 125.00 150.00 150.00	612.50 625.00 675.00 600.00

TOTAL

LABOUR - SOIL GEOCHEMICAL SURVEY - FIELD (Sept. 21 - Sept. 25, 1986)

NAME	POSITION	DAYS	DATE	COST/DAY	TOTAL
L. Warren B. Anderson B. Sauer C. Anderson D. Coles	Supervisor Compassman Compassman Assistant Assistant	2.5 4.5 4.5 4.25 4.25	Sept.21,22,25 Sept.21-25 Sept.21-25 Sept.21-25 Sept.21-25 Sept.21-25	\$175.00 150.00 150.00 125.00 125.00	\$ 437.50 675.00 675.00 531.25 531.25

TOTAL

TRUCK RENTAL

 Norman Geological (Oct. 31 - Nov. 6)
 4x4 7 days @ 900/mo
 \$ 203.23

 CJL Enterprises (Oct. 30 - Nov. 6)
 4x4 14 days @ 65.00/day
 910.00

 TOTAL
 1,113.23

D-7 Caterpillar - Groot Bros. Contracting (Oct. 31-Nov. 4) 31.5 hr @ \$86.00/hr hauling charges	\$ 2,709.00 363.12 \$ 3,072.12	
Generator - CJL Enterprises Ltd. (Nov. 1 - 6) 6 days @ 23.57/day	141.42	
2 Power Saws (Nov. 1 - 6) 8 days @ 25/day TOTAL	200.00	\$ 3,413
CAMP RENTAL (Oct. 31 - Nov. 6) 6 man camp, 1 wk @ 355/wk		\$ 355
GEOCHEMICAL ANALYSES		
A. SOIL GEOCHEMISTRY		
<pre>114 soil geochem A-Horizon - Mercury @ \$4.50 134 soil geochem B-Horizon @ \$6.80 Cu, Zn, Ag, As, Ag</pre>	\$ 513.00 911.20	
248 sample preparation @ .85	210.80 \$ 1,635.20	
B. <u>ROCK GEOCHEMISTRY</u>		
19 rock geochem 12 element I.C.P. @ \$10.50 19 rock sample preparation @ \$2.50 TOTAL		\$ 1,881
EQUIPMENT & SUPPLIES		
Groceries Propane Gas and stove oil	668.96 106.30 260.36	
Office Supplies, Field Supplies TOTAL	361.32	\$ 1,390
MOTELS AND MEALS		\$ 144

			E.	L					L L	E.	L	L	L	L	
	COMMUN	ICATIO	NS	B.C.	Tel (S	Sept. 15	- Nov.	15,	1986) -	(pror	ated 23	웅)		\$	343.97
	REPROD	UCTION	s												35.65
	REPORT	PREPA	RATIO	<u>N</u> (Jan	. 7 -	Jan. 22))								
	G. R. L.	Norman Nordin Barcla Wilson Conno	n ay n	Senio Proje Secre	or Geol ect Cor	nsultant	30 25 \$15	25.00 10.00 50.00 5/hr 7/hr	Jan. Jan. Jan. Jan. Jan.	22 22 19	12-22	0 2	.1 .1 .5 hr hr	\$	900.00 30.00 25.00 30.00 34.00
	Re TOTAL	port R	eprod	uction	ı (esti	imation)								<u>\$ 1</u>	50.00

GRAND TOTAL

\$ 26,262.80

STATEMENT OF COST GOOSLY 2 CLAIM GROUP

PERCUSSION DRILLING (Oct. 19 - Nov. 1, Nov. 7 - Nov. 11, 1986)

L.	Spence	Enterpises	1018.3 m	6	\$24.60/m	\$ 25,050.18
	-	-	74 man hours	6	\$20.00/hr	 1,480.00

\$ 26,530.18

LABOUR - PERCUSSION DRILLING - FIELD (Oct. 14 - Nov. 13, 1986)

NAME	POSITION	DAYS	DATE	COST/DAY	TOTAL
G. Norman	Project Geologist	28.5 Oct. 14-29 Nov. 7-14,	17,	\$225.00	\$ 6,412.50
R. Barclay B. Kahlert L. Warren	Project Coordinator Project Engineer Field Advisor	19, 26, 27 1.0 2.5 11.5	, 28 Oct. 16 Oct. 14-16 Oct. 14-19, Nov. 9-13	250.00 300.00 175.00	250.00 750.00 2,012.50
C. Anderson	Field Assistant	24	Oct. 14-29, Nov. 7-14	125.00	3,000.00
B. Sauer	Slasher	6.5	Oct. 14, 26-30 Nov. 5	150.00	975.00
B. Anderson	Slasher	11.5	Oct. 14-24, Nov. 5	150.00	1,725.00
TOTAL					\$ 15,125.00

TRUCK RENTAL

Norman Geological (Oct. 14-31, Nov. 7-14) 4x4 26 days @ 900/mo \$ 754.84 CJL Enterprises (Oct. 15-25, Nov. 7-14) 4x4 19 days @ 65.00/day 1,235.00 CJL Enterprises (Oct. 14-16, Nov. 7-10) 2x4 6.5 days @ 62.00/day 403.00 TOTAL

EQUIPMENT RENTAL

D-7 Caterpillar - Groot Bros. Contrac	ting (Nov. 5)
4.5 hr @ \$86.00/hr	\$ 387.00
hauling charges	51.88
5 5	\$ 438.88

2,392.84

EQUIPMENT RENTAL, Continued

1150 Case - L. Spence Enterprises Ltd. (Oct. 14-31) 25 hours @ \$65.00/hr	1,625.00		
Generator - CJL Enterprises Ltd. (Oct. 18-31, Nov. 7-14) 22 days @ 23.30/day	512.60		
2 Power Saws - CJL Enterprises Ltd. (Oct. 14-31, Nov. 7-14) 26 days @ 25/day TOTAL	650.00	Ş	3,226.48
GEOCHEMICAL ANALYSES			
ROCK GEOCHEMISTRY - MIN-EN LABORATORIES LTD.			
29 rock geochem 27 element I.C.P. @ \$ 7.50 29 rock geochem 27 element I.C.P. Au wet @ \$12.00 58 rock preparation @ 3.00/sample 262 rock geochem 12 element I.C.P. @ 10.50 262 rock preparation @ 2.50/sample 29 pulp geochem Au @ 4.50 Statistical study on 339 samples TOTAL	217.50348.00174.002,751.00655.00130.50123.60	Ş	4,399.60
EQUIPMENT & SUPPLIES			
Groceries Propane Gas and stove oil Office Supplies, Field Supplies	782.46 322.41 871.64 748.28		
TOTAL		\$	2,724.55
MOTELS AND MEALS		\$	485.16
FREIGHT AND COURIER		\$	1,155.64
<u>COMMUNICATIONS</u> B.C. Tel (Sept. 15 - Nov. 15, 1986) - (prorated	77%)	\$	547.82
REPRODUCTIONS			119.36

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REPORT PREPARATION (Jan. 7 - Jan. 22)

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NAME	POSITION	COST/DAY	DATE	DAYS	TOTAL
G. Norman G. Nordin R. Barclay L. Wilson L. Connor	Project Geologist Senior Geologist Project Consultant Secretary Draftsperson	\$225.00 300.00 250.00 \$15/hr \$17/hr	Jan. 7-9, 12-22 Jan. 22 Jan. 22 Jan. 20 Jan. 17, 18, 21	10.0 0.4 0.4 7.5 hr 5 hr	\$ 2,250. 120. 100. 112. 85.
Report Repro TAL	oduction (estimation)				<u>200.</u> \$ 2,867.

Report Reproduction (estimation) TOTAL

GRAND TOTAL

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\$ 59,574.

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APPENDIX VI

STATEMENT OF QUALIFICATIONS

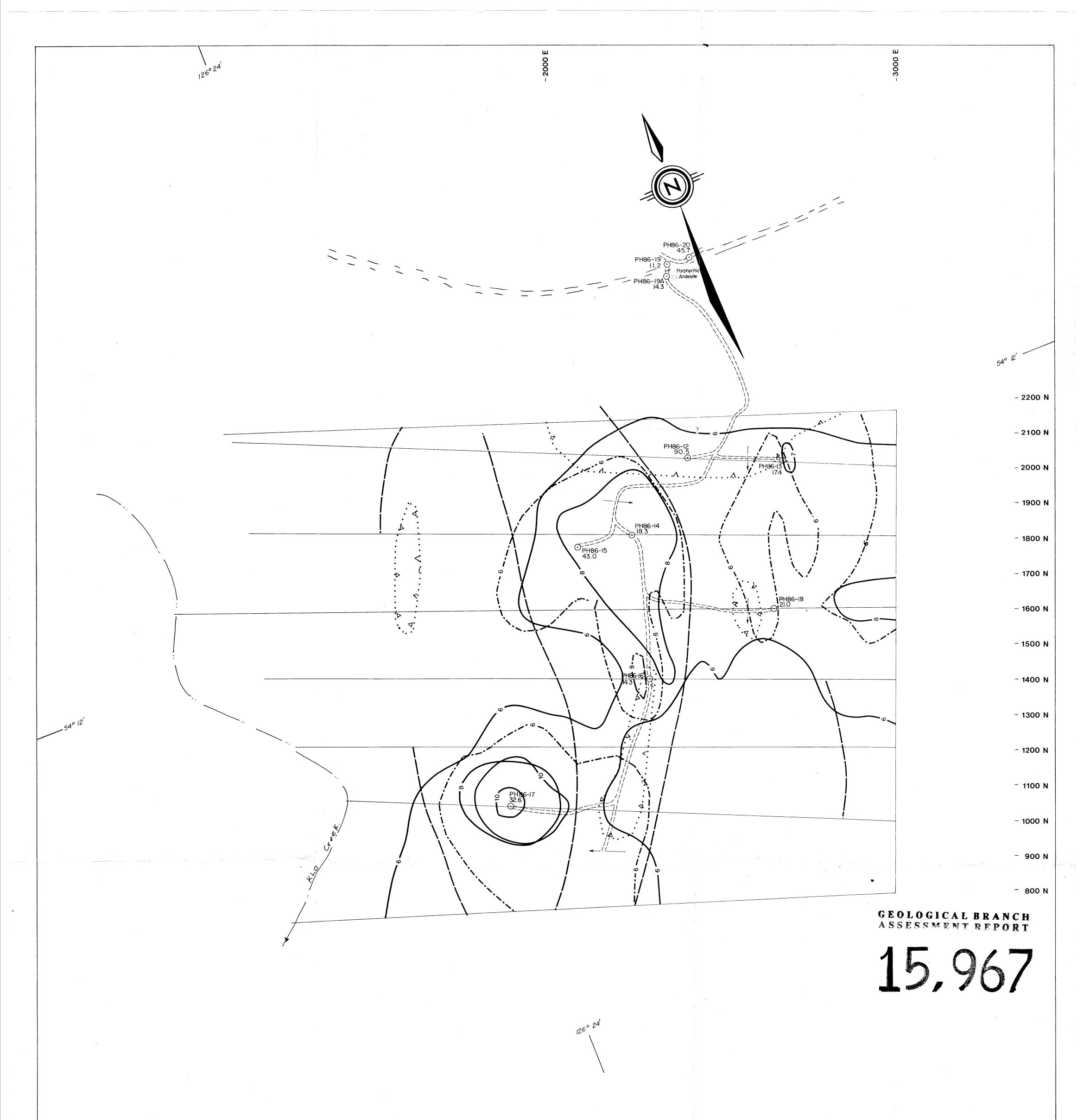
STATEMENT OF QUALIFICATION

I, GEORGE E. NORMAN, the author of the foregoing report hereby certify:

- that I am a self employed Consulting Geologist, operating under the name of Norman Geological since 1985, resident at 28 West 43rd Avenue, Vancouver, B.C.;
- 2. that I have been registered with the Association of Professional Engineers Geologist and Geophysicts of Alberta since 1975 and am a graduate of the University of Alberta with B.Sc. (Honours Geology 1973);
- that I am a registered Fellow with the Geological Association of Canada;
- 4. that I have worked for a number of major mining firms as exploration geologist, consultant geologist and mine geologist in B.C., Yukon and N.W.T. during my fourteen years of practical exploration experience. I have been previously been employed by the following exploration/consulting firms: Terra Mines Ltd. (1984); Fox Geological Consultants Ltd. (1983-1984); Bema Industries Ltd. (1980-1983); Utah Mines Ltd. (1976-1980); and Kaiser Exploration and Mining Company (1973-1974);
- 5. that the foregoing report is based on the 1986 field exploration program, October 14 to November 13, 1986 and a review of previous reports.

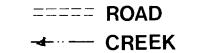
DATED the 22nd day of January, 1987.

GEORGE E. NORMAN, B.Sc.

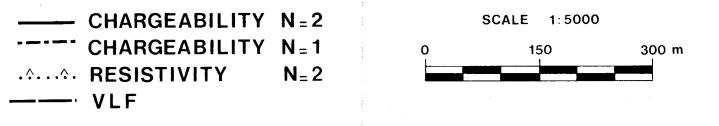


○ PH86-17 32.6 PERCUSSION DRILL HOLE (depth in metres, vertical)

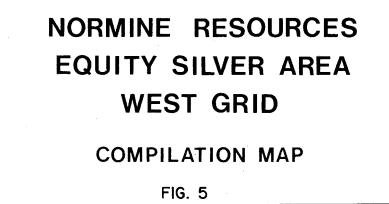
OUTCROP PATTERN

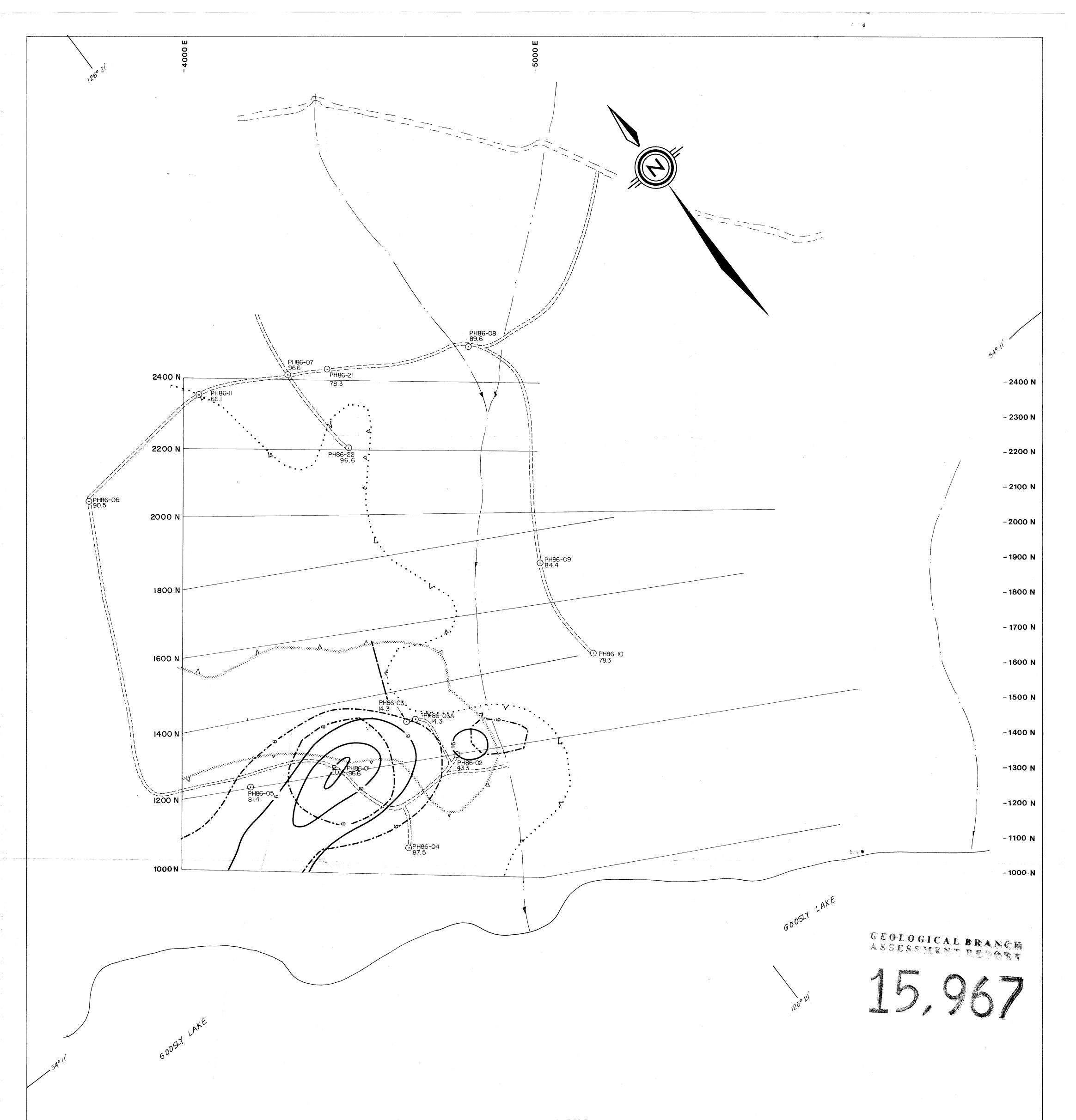


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