

LOG NO: 1021	RD.
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ASSESSMENT REPORT

GEOLOGY AND GEOCHEMISTRY

SADDLE HILL PROPERTY

WOLF 1-3, Record Nos. 1829, 2259, 2260

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS 93 M/ 01W

FILMED

Latitude 55 deg. 13' N
Longitude 126 deg. 22.5' W

Work Performed:
8 JULY 1988

NORANDA EXPLORATION COMPANY, LIMITED
(NO PERSONAL LIABILITY)
3A-1750 Quinn Street
Prince George, B.C.
V2N 1X3

Report by:
Del Myers
Senior Project Geologist

October 1988

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17-864

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SUMMARY

Three traverses for the purpose of silt, soil, and rock sampling and geological mapping were made over the Wolf 1-3 claims located just north of Saddle Hill on the west side of Morrison Lake. The claims are located 38 km NNW of Granisle, B.C.

Four silt, seventy-four soil, and nineteen rock samples were collected along three NE-SW traverses over hornfelsed clastic sediments and dioritic to granodioritic intrusives. Lesser feldspar porphyries of intermediate composition were seen. One outcrop of unmetamorphosed siltstone and claystone was found west of the property. An area of quartz-ankerite veining and alteration was sampled.

Results for precious metals are low in all materials analysed. Anomalous results for soils, silts, and rocks suggest potential for economic Cu-Mo mineralization in the area near or underlain by plutonic rocks.

Further work is recommended over the quartz-ankerite zone along a NNW-trending fault. Compilation of previous work may suggest drill targets over the plutonic body located on the Wolf 1 claim.

INTRODUCTION

PURPOSE

This work was undertaken to examine the potential for precious metal mineralization with or near porphyry copper-molybdenum mineralization found on the Wolf 1-3 claims.

LOCATION AND ACCESS

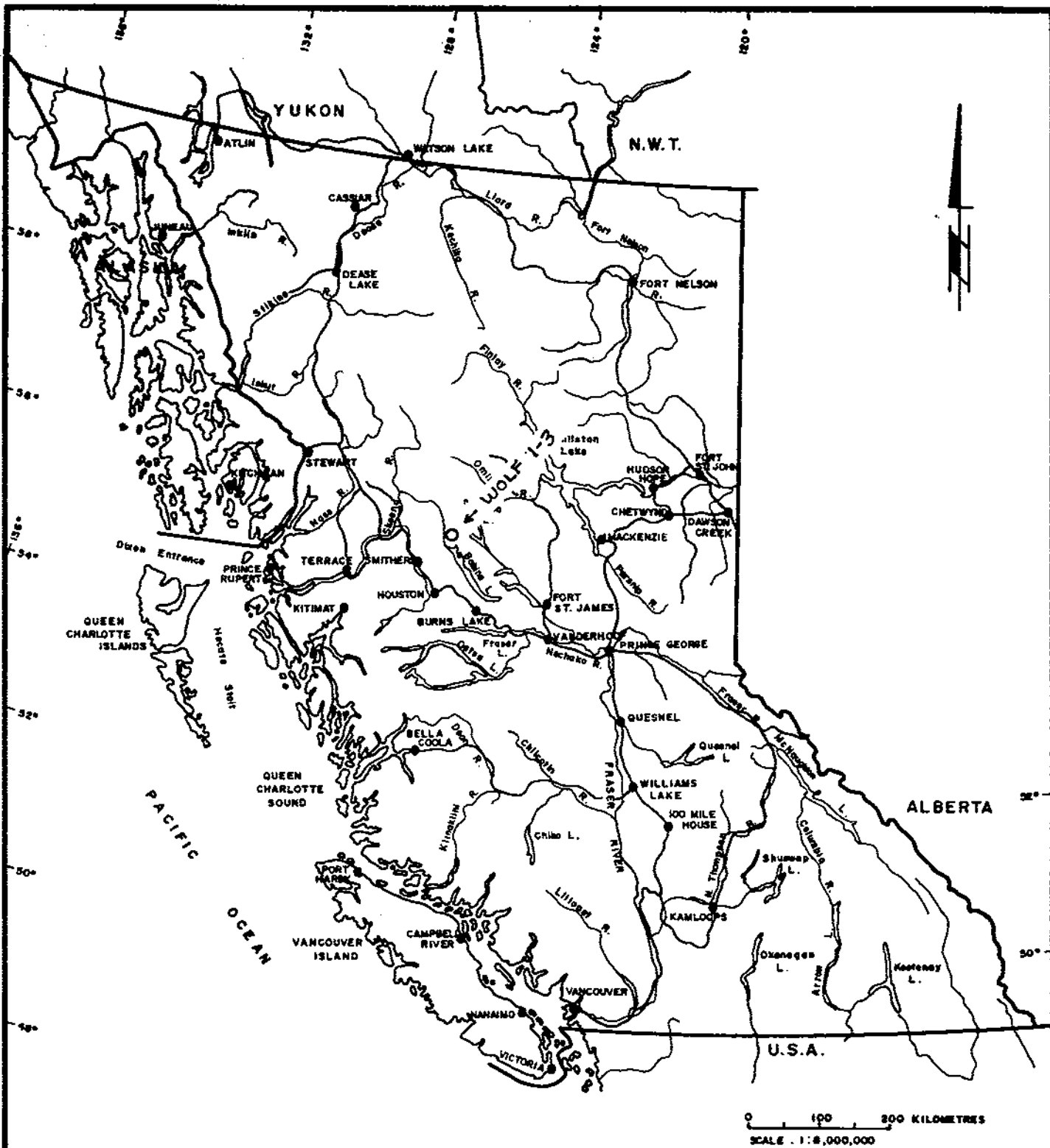
The Saddle Hill property is located 38 km NNW of Granisle, B.C. (Figure 1). The property lies on the west side of Morrison Lake and north of Saddle Hill (1098+m). The property covers part of Morrison Lake (733 m) and a hill to the west which rises to 1036+m above sea level.

The area is drained by Morrison Creek, a tributary of the Babine River. The claims are covered by evergreen forest which was burned over much of the claims. The burn has regrown with lush undercover of alder, devil's club, and stinging nettle.

Access to the properties was via logging roads which pass the property to the west. Traverses were made on foot to and across the claims. An old cat trail to Tro-Buttle's camp on Morrison Lake is grown over and largely unrecognizable.

PROPERTY

The property consists of three claims listed in Table 1. Noranda Exploration staked the claims and holds clear title. Figure 2 is a plan of the claims.

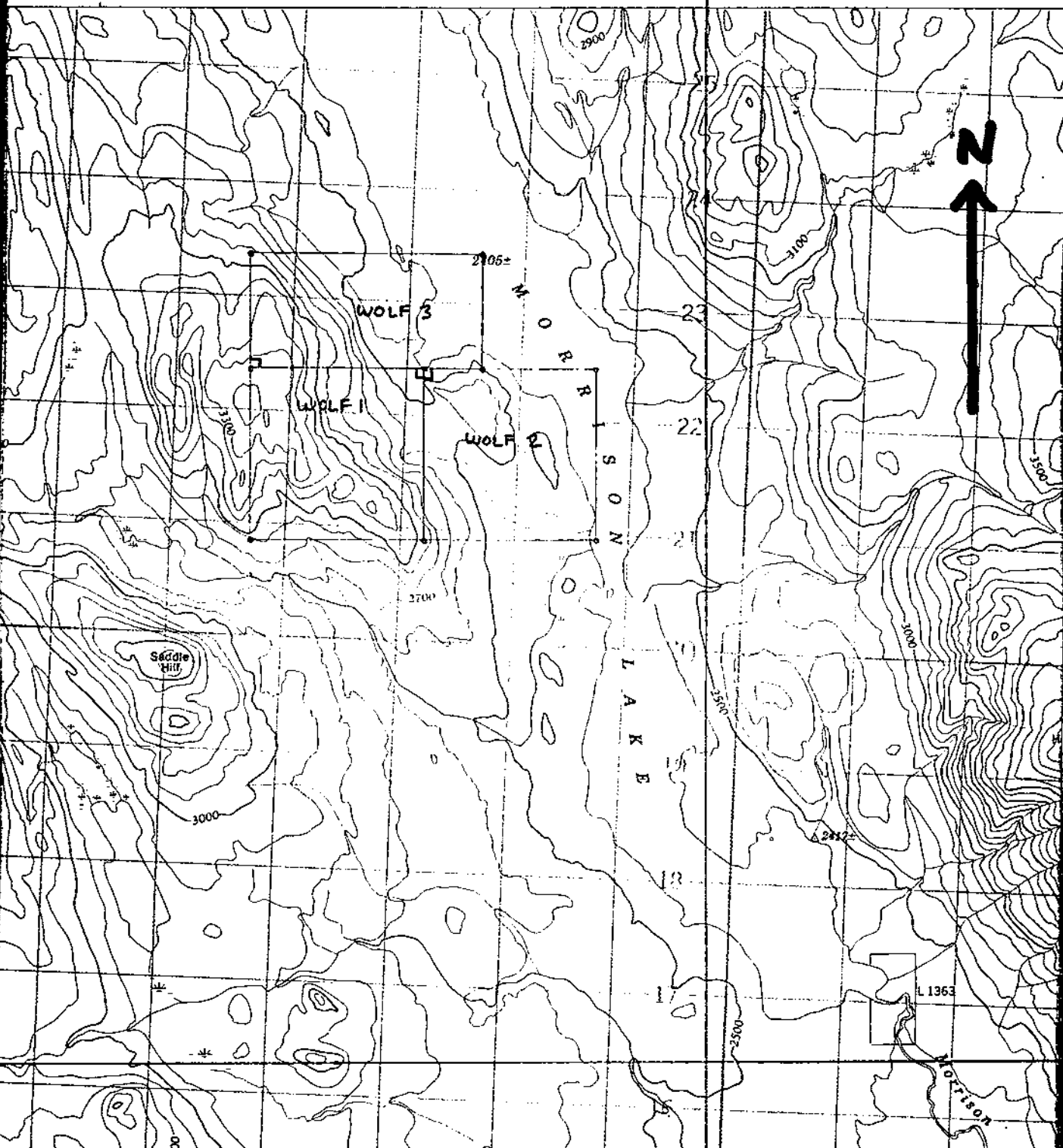


REVISED	Saddle Hill Property	
	Location Map	
	Wolf 1-3 claims	
PROJ. No. 240	SURVEY BY: DEMJF	DATE: OCT. 88
H.T.S. 93M/016	DRAWN BY: B.K.B.	SCALE: 1:8,000,000
DWG. No. Fig. 1	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

VANCAL 11827

Table 1. List of Claims, Saddle Hill property, NTS 93M/01W

Name	Record No.	Type	Units	Group	Record Date	Due
Wolf 1	1829	MG	9	4613	9 July 79	89
Wolf 2	2259	MG	9	"	9 Nov. 79	89
Wolf 3	2260	MG	8	"	"	88
		total	26			



REVISED	Saddle Hill Property	
	Claim Map	
	Wolf 1-3 claims	
PROJ. No. 240	SURVEY BY: DEM Jr.	DATE: Oct. 68
N.T.S. 33M/only	DRAWN BY:	SCALE: 1:50,000
DWG. No. Fig. 2	NORANDA EXPLORATION	
	OFFICE: Prince George	

REGIONAL GEOLOGY

Morrison Lake lies along the northwestern edge of the Skeena Arch and near the southeastern edge of the Bowser Basin within the Intermontaine Belt of the Canadian Cordillera.

The area around Morrison Lake is underlain by lower Jurassic Telkwa Formation volcanics to Cretaceous Skeena group sediments. These are cut by early Jurassic Topley and Tertiary Babine intrusives (Richards, 1980).

A major trend (335 deg.) of faulting controls the location of Morrison Lake. Shorter faults mapped in the area strike at 005, 070, and 100 degrees (ibid).

PREVIOUS WORK

A number of assessment reports exist for the area covered by Noranda's claims. The oldest work was by Kerr Addison in 1966 (AR 761) consisting of ground magnetometer and EM surveys. Work by Tro-Buttle Exploration in 1967 (AR 1240) resulted in the discovery of a mineralized boulder which was first thought to be outcrop. Subsequent work occurred from 1967 to 1969 (AR 1255, 1808, 1854, 2047), 1976 (AR 5941), and 1979 to 1980 (AR 8176, 8779). The property has been idle since 1981. The property has had limited drilling by Kerr Addison, Canadian Superior, and Noranda.

The Granisle Mine, Bell Mine, and the Morrison deposit porphyry copper deposits, occur nearby in geological environments similar to that on the Wolf property.

WORK UNDERTAKEN

Four men spent one day doing three traverses across the claims on 8 July 1988. Three sidelines at 046 degrees totalling 3.37 km were traversed on the claims. In addition a 0.76 km tieline on the claims and 1.15 km of sideline and tieline west of the claim were traversed as well.

Silt samples were taken at all creeks crossed. Rock samples for geochemistry were taken of selected outcrops, and soil samples were taken along the NE-trending lines at 100 or 50 m intervals. Notes were made about the geology seen.

Costs for the work and on the claims are given in Appendix 2. The personnel who have worked on the project are listed as Appendix 3.

All sampling was done according to Noranda's standard procedures. Silts and rock grab samples were taken as above. Soil samples of inorganic soils horizons (B or C-horizon) were taken with grub hoes or soil auger from 0.1 to 0.6 m depth, air dried, and shipped to the Noranda Geochemical Laboratory in Vancouver for processing.

All samples were then analysed by Acme Analytical Laboratories by either ICP for 30 elements or AA methods for gold or by Noranda's lab by AA methods for gold.

RESULTS

GEOLOGY AND PROSPECTING

Mappable units noted during the traverse include:

1. rusty weathering, clastic sediments (symbol S, Figure 3) of Smithers or Ashman Formation occurring W of the property on Line 3,
2. dioritic to granodioritic (feldspar-hornblende/biotite-quartz rock) intrusive found on lines 0, 3, and 5, mainly medium grained, with chalcopyrite noted in one location (line 5, 700 SW),
3. hornfelsed clastic sediments representing contact metamorphism of unit 1 by unit 2 intrusives. This is the most common unit mapped, and
4. fine grained, feldspar porphyry intrusives (and margins of unit 2?) of intermediate composition seen on lines 0, 3, and 4.

Geology and rock sample locations are given in Figure 3.

Quartz-ankerite alteration and veining is prominent along the valley on Wolf 2 which coincides with a fault paralleling the Morrison Fault.

GEOCHEMISTRY

Rocks

Nineteen rock samples were analysed for 30 elements by ICP and by AA for gold. No ore grade samples were seen. Anomalous samples include:

#09432	Ba=398 ppm, W= 41ppm	granodiorite	Line 0
#09436	Cu=191 ppm	ankerite-altered rock	Line 0
#16354	Ni= 54 ppm, Cr=127 ppm Ba=452 ppm, Ti=.27 %	porphyry	Line 3
#16356	Mo= 11 ppm,	hornfels	Line 4
#16360	Cu=156 ppm, Ba=398 ppm	diorite	Line 5
#16361	Cu=633 ppm	diorite w. chalcopyrite	Line 5

Gold and silver values are all 5 ppb and 0.6 ppm or less and are not of interest.

Soils

74 soils were taken on or near the claims. Sample locations are shown on Figure 3. Analytical reports are given in Appendix 5.

The following table summarizes the most anomalous results obtained:

Element	Low	Threshold	High
Mo	1 ppm	10 ppm	13 ppm
Cu	9	100	1883
Pb	5	30	27
Zn	53	250	803
Ag	0.1	1.6	2.6
Au	0.010	0.020	0.020
As	2	100	414
Sb	2	10	3
Bi	2	10	3
Ba	85	400	672
Mn	132	2000	3544
W	1	10	9

Threshold values are selected on the basis of past experience in central B.C.

Some of the better soil geochemical anomalies are located on:

Line 0 50 NW to 200 NW underlain by diorite
Line 5 250 SW to 1100 SW underlain by diorite, hornfels

Several gold and silver values are anomalous, but not strongly so.

Silts

Four silts (Figure 3) were taken on the property. Two of the samples, taken from the drainage of the two soil anomaly area are anomalous in Cu, Zn, and Ag. Gold is not anomalous in any of the silt samples.

CONCLUSIONS

Although the Wolf claims host dioritic to granodioritic intrusive and feldspar porphyry with untested potential for porphyry Cu-Mo mineralization, no evidence was found from this work for above average gold or silver values.

RECOMMENDATIONS

1. Additional sampling should be done along the NNW to NW trending fault on the Wolf 2 and 3 claims. Areas of quartz-ankerite veining and alteration should be sampled for precious metals.

2. A compilation should be done of work over the two anomalous soils zones (Line 0, 100 NW and Line 5, 500 SW) outlined by this work, to select drill targets for porphyry Cu-Mo-W mineralization. I believe that all drilling to date has all been done east of this area.

REFERENCES

BCMEMPR Assessment Reports: 761
1240
1255
1808
1854
2047
5941
8176
8779

Richards T.A., 1980. Geology of Hazelton (93M) Map-Area, B.C.,
GSC Open File 720, Ottawa, Ontario, 1 sheet.

APPENDIX 1. STATEMENT OF QUALIFICATIONS

Relevant Training

- B.Sc. (1970) Pennsylvania State University
University Park, Pa., USA
Geological Sciences
- M.Sc. (1973) University of Toronto
Toronto, Ontario, Canada
Geochemistry

Relevant Experience

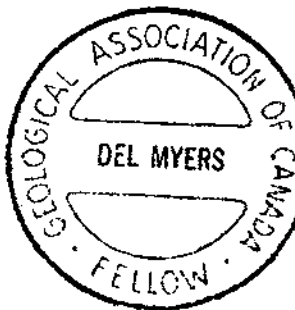
- 1973 - 1980 Exploration and Mine Geologist
Cominco Ltd.
Vancouver and Yellowknife
- 1980 - 1982 Exploration Geologist
Noranda Exploration Co., Ltd.
Yellowknife, N.W.T.
- 1982 - 1983 Exploration Geologist
Noranda Exploration Co., Ltd.
Smithers, B.C.
- 1983 - Exploration Geologist
Noranda Exploration Co., Ltd.
Prince George, B.C.

Professional Affiliations

Fellow, Geological Association of Canada

Member, Association of Professional Engineers,
Geologists, and Geophysicists of the Northwest
Territories

Member, Canadian Institute of Mining and Metallurgy



Del Myers
Delbert E. Myers, Jr.
Senior Project Geologist
3 October 1988

APPENDIX 2. STATEMENT OF COSTS

Labor	4 man-days at \$140	= \$	560
Food and accommodations	4 man-days at \$ 50		200
Supplies	4 man-days at \$ 20		80
Mob / demob within BC	4 man-days @ \$155		620
Helicopter	machine hours @		-
Truck Rental	2 vehicle days @ \$80		160
Analyses			
	78 silt+soil prep @ \$ 0.85	\$	66
	18 rock prep @ \$ 3.00		54
	96 30 element ICP @ \$ 6.25		600
	96 Au by AA @ \$ 4.50		432
		total	1,152
Freight on samples			30
Report Preparation			
	Author and typing 1 man-days @ \$250		250
	Drafting man-days @		
Management	5% of \$ 3052		152

	Total cost	\$	3,204

Del Myers

Del Myers, Sr. Project Geologist

3 October 1988

APPENDIX 3. LIST OF PERSONNEL

Name, City	Position	Dates worked on claims
-----	-----	-----
Geof Chinn Montreal, P.Q.	Geologist	8 July 88
Del Myers Prince George	Sr. Proj. Geologist	8 July 88
Bryan Norn Prince George	Assistant	8 July 88
Fraser Stewart Edmonton, Alb.	Assistant	8 July 88
	Total	----- 4 man-days

Del Myers

APPENDIX 4. SAMPLE REPORTS

PROPERTY Wolf 1-3N.T.S. 93 M/01W
DATE 8 July 1988

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				Au ppb		Cu ppm		Zn		
	Traverse NE from km 15 sign on logging road									
(Line 3)	on west side of Morrison Lake; Line 3									
16353	silt, creek flowing to south, road + 497m NE	silt	-	10						dm
	Mn 3008 ppm									
16354	outcrop, fine grain diorite, feldspar phenocrysts,	rock	grab	1						Ni 54
	dark lined cavities, road + 935 m NE		Cr Ba Ti							"
16355	Traverse on NE-SW line (old line 1250W) start at									
(Line 4)	a point 51 m NW of 1100m NE on previous line									
16355	492m NE, outcrop 20m to SE, hornfelsed	rock	grab	1						"
16356	siltstone, cherty fracture, dk gray		Ca Al Na							"
16356	500m NE, subcrop, angular float from, hornfelsed	rock	grab	1						No "
	siltstone w. minor Qtz-py (1%) veinlets		Ca Al Na K							"
16357	640 m NE, outcrop, feldspar-biotite porphyry,	rock	grab	1						"
	dk greenish gray, aphanitic groundmass									
16358	694 m NE, outcrop, hornfelsed sandstone w.	rock	grab	2						"
	calcite? nodules		Mn Fe V Al							
	Turn SE, Line 4 1/2									
	see another sheet for 09476									
	Turn SW, begin Line 5 (follow old line to 500W)									
16359	silt, creek flowing SE, some organic sediment	silt	-	10		135		273		"
	256m SW									
16360	504m SW, outcrop, diorite, medium grained w. feldspar +	rock	grab	1		156				"
	biotite, jointed at 328°/74°W		Ba				dm	12 July 88		

APPENDIX 5. ANALYTICAL REPORTS

Wolf / Bell Mines (UM)

0001-001

GEOCHEMICAL ANALYSIS CERTIFICATE

Wolf claims

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR NI FE SR CA P LA CR MG BA YI B V AND LIMITED FOR NA K AND AL. AN DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-P2 SOIL PULP P3 SILT PULP

DATE RECEIVED: AUG 5 1988

DATE REPORT MAILED: Aug 12/88

ASSAYER: C. Leong, D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 8807-061 240 File # 88-3313 Page 1

RECEIVED
AUG 17 1988

Copy to
Bell

22

Line 0

Line 3

Soil

22 Aug 88

Table with columns: SAMPLE, No, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Yt, R, Al, Na, K, W. Rows include various sample IDs like 0-0V, 0-50V, 0-100V, 0-150V, 0-200V, 0-300V, 0-350V, 0-400V, 0-450V, 0-500V, 0-550V, 0-600V, 0-650V, 0-700V, 0-750V, 0-800V, 0-850V, 0-900V, 0-950V, 0-100V, 0-150V, 0-200V, 0-250V, 0-300V, 0-350V, 0-400V, 0-450V, 0-500V, 0-550V, 3-300V, 3-400V, 3-500V, 3-600V, 3-700V, 3-800V, 3-900V, 3-900V, STD C.

SAMPLE	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Ca	Sb	Bi	V	Cr	Mg	Ba	Ti	B	Al	K	W				
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM				
Line 3 3-1100NE	2	22	12	60	.1	16	6	237	3.07	8	5	ND	2	13	1	2	2	45	.07	.044	6	19	.25	125	.01	4	1.66	.01	.07	1
4-00NE	6	58	10	56	.1	11	4	132	4.23	38	6	ND	2	12	1	2	2	57	.14	.058	6	21	.13	88	.01	2	1.32	.01	.06	1
4-50NE	1	16	16	72	.1	17	6	192	3.20	7	6	ND	1	12	1	2	2	51	.07	.030	7	21	.25	95	.01	4	1.91	.01	.06	1
4-100NE	5	160	11	225	.2	36	12	442	5.13	12	5	ND	2	19	1	2	2	60	.30	.187	5	26	.35	176	.01	5	5.27	.01	.07	1
4-150NE	1	13	8	61	.1	14	5	219	3.23	7	5	ND	1	14	1	2	2	51	.10	.041	6	18	.19	118	.03	4	1.23	.01	.06	1
4-200NE	2	24	9	77	.2	18	6	304	3.77	12	6	ND	2	22	1	2	2	59	.16	.039	5	23	.28	146	.02	7	1.46	.01	.07	1
4-250NE	3	30	10	95	.1	19	6	195	4.06	10	5	ND	1	12	1	2	2	56	.08	.131	6	22	.28	138	.02	3	1.99	.01	.05	1
4-300NE	13	76	12	94	.3	21	7	220	4.54	12	5	ND	3	12	1	2	2	61	.08	.053	6	22	.32	85	.02	3	3.25	.01	.04	1
4-350NE	4	85	11	95	.1	19	7	288	5.36	11	5	ND	2	11	1	2	2	70	.09	.194	6	24	.36	129	.02	2	2.80	.01	.06	1
4-400NE	4	70	11	99	.1	41	14	603	4.99	10	6	ND	3	21	1	2	2	83	.22	.088	6	56	1.14	156	.08	3	3.32	.01	.13	1
Line 4 4-450NE	1	30	12	92	.1	27	9	317	3.63	10	7	ND	2	20	1	2	2	47	.21	.051	7	21	.40	137	.02	3	1.78	.01	.08	1
4-500NE	5	26	11	83	.1	18	5	681	4.65	7	7	ND	2	20	1	2	3	69	.15	.148	6	17	.23	115	.04	2	2.12	.01	.09	1
4-550NE	1	11	10	68	.1	17	6	216	2.93	11	5	ND	1	15	1	2	2	47	.14	.028	6	18	.29	86	.02	2	1.39	.01	.05	1
4-600NE	1	10	9	86	.1	15	8	469	2.99	6	5	ND	1	25	1	2	2	43	.27	.032	6	16	.23	131	.02	4	1.43	.01	.06	1
4-650NE	1	17	10	141	.1	23	8	360	4.21	14	6	ND	2	17	1	2	2	58	.13	.036	7	25	.35	139	.01	4	2.28	.01	.07	1
4-700NE	1	15	9	77	.2	14	4	262	2.26	7	5	ND	2	25	1	2	2	44	.39	.026	5	16	.23	143	.02	4	1.13	.01	.04	1
4-750NE	1	20	11	227	.1	15	11	3544	2.40	8	5	ND	1	24	1	2	2	39	.22	.093	6	16	.13	340	.01	7	1.19	.01	.06	1
5-00SW	1	29	22	181	.3	26	9	858	3.29	33	5	ND	2	39	1	2	2	40	.40	.048	6	18	.35	189	.02	10	1.34	.01	.08	1
5-50SW	1	21	20	152	.1	24	8	513	3.05	30	5	ND	1	34	1	2	2	38	.25	.042	10	17	.33	150	.02	5	1.24	.01	.05	1
5-100SW	1	19	29	158	.1	17	7	511	2.90	49	5	ND	2	26	2	2	2	40	.21	.035	8	15	.22	144	.02	5	.99	.01	.08	1
5-150SW	2	14	17	134	.2	15	6	415	3.17	47	6	ND	2	26	1	2	2	45	.20	.036	8	14	.23	114	.03	4	.96	.01	.05	1
5-200SW	1	35	11	87	.4	32	8	485	3.68	11	6	ND	3	55	1	3	2	52	.63	.034	12	24	.45	316	.01	4	2.14	.01	.10	1
5-250SW	5	162	18	226	1.5	41	9	788	3.45	40	5	ND	2	122	1	2	2	35	1.85	.108	37	23	.98	418	.01	6	2.54	.01	.09	1
5-300SW	8	736	26	181	1.5	51	14	1238	4.22	22	8	ND	4	104	1	2	2	48	1.24	.071	49	34	.50	541	.01	5	2.59	.01	.12	1
5-350SW	5	51	12	130	.2	17	6	426	4.02	14	5	ND	1	41	1	2	2	45	.42	.058	6	21	.16	137	.03	5	1.18	.01	.07	1
5-400SW	5	94	12	189	.5	23	12	2095	3.58	12	5	ND	1	39	1	3	2	45	.44	.092	9	19	.23	268	.02	5	1.39	.01	.12	1
5-450SW	7	120	21	210	.2	21	5	164	2.92	9	5	ND	2	63	1	2	2	36	.75	.045	10	16	.26	205	.01	4	1.40	.01	.05	1
5-500SW	5	117	13	115	.1	28	13	1153	3.79	11	5	ND	1	57	1	2	2	55	.56	.060	10	25	.35	257	.02	3	1.85	.01	.09	1
5-550SW	12	706	18	191	.9	76	15	528	5.66	68	5	ND	6	106	1	3	2	94	1.15	.115	26	68	.80	921	.04	6	3.64	.01	.17	2
5-600SW	8	93	17	133	.1	41	17	512	4.57	35	5	ND	2	50	1	2	2	87	.41	.050	11	57	.83	255	.09	4	2.42	.01	.16	1
5-650SW	8	169	25	118	.1	36	14	501	4.40	61	5	ND	2	35	1	2	2	73	.48	.040	13	52	.68	280	.08	6	2.04	.01	.15	1
5-700SW	7	70	4	82	.1	13	9	256	3.43	33	5	ND	1	24	1	2	3	53	.29	.029	6	18	.42	142	.04	4	1.64	.01	.07	1
5-750SW	6	348	12	81	.4	44	16	414	4.86	43	5	ND	5	49	1	2	3	107	.82	.044	14	92	.60	304	.15	12	2.13	.01	.21	2
5-800SW	3	62	11	106	.1	17	7	223	3.29	29	6	ND	1	29	1	2	2	60	.46	.066	7	32	.35	180	.06	5	1.25	.01	.08	2
5-850SW	4	566	12	63	.1	22	15	502	3.34	7	5	ND	1	31	1	2	2	50	.30	.055	17	24	.25	185	.02	7	2.00	.01	.06	1
5-900SW	3	123	13	91	.1	25	14	442	4.18	40	5	ND	2	25	1	2	2	71	.35	.056	6	25	.42	166	.04	4	3.45	.01	.08	1
5-1000SW	1	130	12	117	.2	14	25	1610	5.36	47	5	ND	1	44	1	2	2	64	.90	.080	12	40	.68	252	.04	6	3.62	.02	.15	1
STD C	17	57	38	132	1.1	67	28	1053	4.07	37	20	6	37	48	17	15	19	55	.48	.088	38	55	.90	174	.06	16	1.94	.06	.14	12

Soil

n = 74

SAMPLE#	No PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	Zn PPM	U PPM	Ru PPM	Th PPM	Sr PPM	Cd PPM	St PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Hg %	Be PPM	Ti %	B PPM	Al %	Mo %	K %	V PPM
9433	8	996	18	804	2.0	63	11	708	3.87	30	6	ND	5	109	2	3	2	55	1.58	.093	29	38	.53	405	.02	8	2.59	.01	.13	1
16352	1	48	9	110	.6	22	14	963	6.96	9	5	ND	5	36	1	3	2	110	1.33	.064	8	23	1.18	88	.15	10	2.45	.02	.05	1
16353	1	28	9	136	.8	27	10	3008	3.38	14	5	ND	5	72	1	2	2	38	1.73	.087	8	19	.36	269	.01	15	1.73	.03	.08	1
16359	5	135	22	273	1.5	45	12	892	4.13	45	5	ND	5	63	1	2	2	49	.90	.071	20	27	.49	335	.01	3	2.74	.01	.11	1
16363	1	64	11	110	1.3	39	9	696	3.65	15	5	ND	4	61	1	2	2	87	1.00	.064	19	24	.41	330	.01	8	2.52	.01	.09	1

24

Silt n=5

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: GENERAL (Wolf/Bell Mines)

CODE : 8807-061

Project No.
Material
Remarks

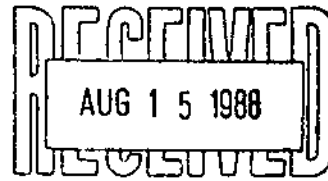
: 240
: 74 SOILS &
: 4 SILTS

Sheet: 1 of 2
Geol.: D.M.

Date rec'd: JUL 14
Date compl: AUG 09

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	PPB Au
1	0 - 0W SOIL	10
2	50	10
3	100	10
4	150	10
5	200	10
6	300	10
7	350	10
8	400	10
9	450	10
10	500	10
11	550	10
12	600	10
13	650	10
14	700	10
15	750	10
16	800	10
17	850	10
18	0 - 900W	10
19	0 - 50E	10
20	100	10
21	150	10
22	200	10
23	250	10
24	300	10
25	350	10
26	400	10
27	450	10
28	500	10
29	0 - 550E	10
30	3 - 300NE	10
31	400	10
32	500	10
33	600	10
34	700	10
35	800	10
36	900	10
37	1000	10
38	3 - 1100NE	10
39	4 - ONE	10
40	50	10
41	100	10
42	150	10
43	200	10
44	250	10
45	300	10
46	350	10
47	400	10
48	4 - 450NE	10



Copy to Del

Soil

T. No.	SAMPLE No.	PPB Au		
49	4 - 500NE	10		
50	550	10		
51	600	10		
52	650	10		
53	700	10		
54	4 - 750NE	10		
55	5 - 05W	10		
56	50	10		
57	100	10		
58	150	10		
59	200	10		
60	250	10		
61	300	10		
62	350	10		
63	400	10		
64	450	10		
65	500	10		
66	550	20		
67	600	10		
68	650	10		
69	700	10		
70	750	10		
71	800	10		
72	900	10		
73	1000	10		
74	5 - 1100SW SOIL	10		
75	9433 SILT	10		
76	16352	10	- Granite road	601 4712 434/16W
77	16353	10		
78	16359	10		
79	16363 SILT	10		

Soil, Silt

Wolf 1-3 cl (3M)

8807-061

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604)253-3158 FAX (604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH JNL 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR NH FY SX CA P LA CR NG BA YI B W AND LIMITED FOR NA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK A0* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

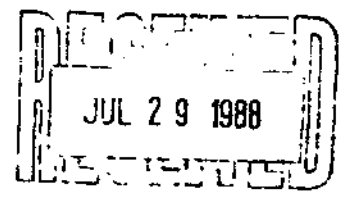
DATE RECEIVED: JUL 14 1988 DATE REPORT MAILED: July 19/88 ASSAYER: C. Leong, D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 8807-061 240 File # 88-2692

Table with columns for SAMPLE#, No, Cu, Pb, Zn, Ag, Ni, Co, Mo, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Cr, P, La, Ce, Mg, Ba, Ti, B, Al, Na, K, W, Au*, and PPM values for various elements.

27

S&S to follow



Rock

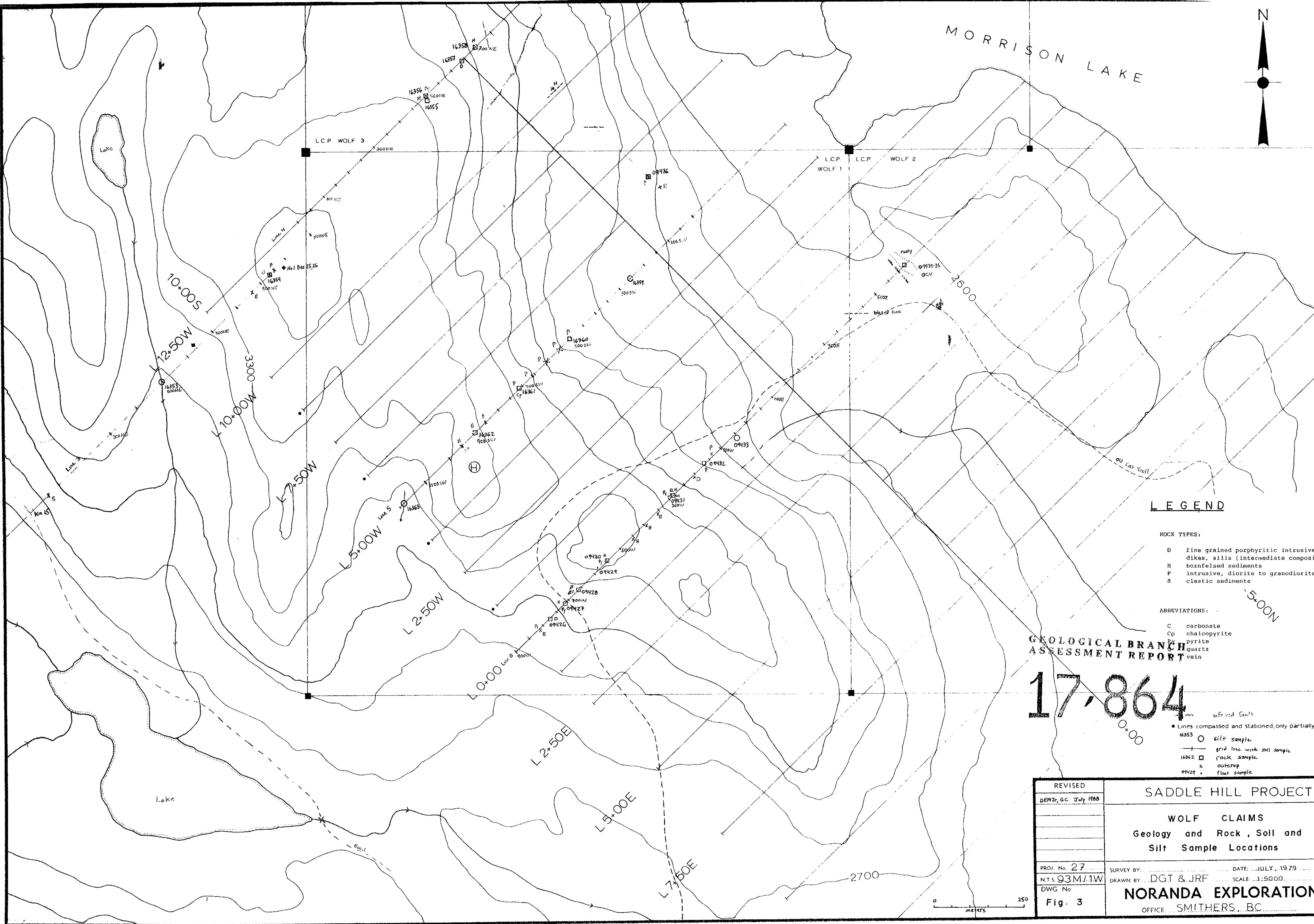
n = 19

Copy to Del

10 min (Re-anal)



MORRISON LAKE



LEGEND

- ROCK TYPES:
- D fine grained porphyritic intrusives, dikes, sills (intermediate composition)
 - H hornfelsed sediments
 - P intrusive, diorite to granodiorite
 - S clastic sediments

- ABBREVIATIONS:
- C carbonate
 - Cp chalcopyrite
 - Q quartz
 - vein vein

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,864

- inferred faults
- Lines compassed and stationed, only partially cut
- silt sample
- grid line with soil sample
- rock sample
- x outcrop
- float sample

REVISED	SADDLE HILL PROJECT	
DEM3r, GC July 1988	WOLF CLAIMS Geology and Rock, Soil and Silt Sample Locations	
PROJ. No. 27	SURVEY BY: DGT & JRF	DATE: JULY, 1979
NTS. 93M/1W	DRAWN BY: DGT & JRF	SCALE: 1:5000
DWG. No.	NORANDA EXPLORATION	
Fig. 3	OFFICE SMITHERS, BC	