GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT
ON THE HIT 1-3 AND MISS CLAIMS ff
LOCATED IN THE SIMILKAMEEN MINING DIVISION

N.T.S. 92-H-10E

Latitude: 49°41'North; Longitude: 120°32'West

Owned and Operated by

CANADIAN NICKEL COMPANY LIMITED

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Canadian Nickel Company Limited
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September, 1982

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1.0 SUMMARY

The HIT 1-3 (16 units) and MISS (15 units) claims, located 25 kilometres north of Princeton, B.C. in the Similkameen Mining Division were staked in 1981 by Canadian Nickel Company Limited (Canico). Access to the property is by the Summers Creek Road from Highway 5.

Geologically the HIT/MISS claims is underlain by a moderate to steeply dipping north-south trending sequence of Triassic-Jurassic Nicola Group volcanics, volcanoclastics, sediments and synvolcanic diorite intrusives. Minor copper mineralization is associated with small fracture zones. On the east side of the property, a 2200 metre long by 100-800 metre wide highly altered, bleached, white to rust coloured, pyritic zone is representative of an alteration cap of an epithermal system or outer halo of a porphyry system. The eastern edge of this alteration zone is marked by downslope displaced soil geochemical values up to 153 ppb Au, 8.4 ppm Ag, 289 ppm As, 574 ppm Cu, 440 ppm Pb, 437 ppm Zn.

Previous work by Canico in 1981 consisted of prospecting, gridding, geological and geochemical surveys. The 1982 field program (May 28 - June 20) completed detailed evaluation of two portions of the property. Gridding, prospecting, geological, geochemical and geophysical surveys confirmed 1981 results. Future work will consist of diamond drilling.

2.0 INTRODUCTION

This report covers the work done on the HIT 1-3 and MISS claims between May 28 and June 20, 1982. A crew of six completed the program from a base camp situated east of the property.

2.1 Location, Access, Physiography

The HIT/MISS claims (31 units) are located 25 kilometres north of Princeton, B.C. (Map 1). The claim group is centered on Missezula Mountain.

Access to the eastern portion of the claim group is by the Summers Creek Road from Highway #5 (Princeton - Kamloops Highway). Other access roads to the west side of the property include a forestry access road from Dry Lake and along a power line road to Missezula Mountain or via the Adonis Mines road to the southeast side of Missezula Mountain.

The claims cover the summit, 1658 metres above sea level, and eastern slopes of Missezula Mountain, to the Summers Creek Valley, 944 metres above sea level. Total relief is 714 metres. The HIT 1 and MISS claims cover rolling, heavily glaciated terrain typical of the Thompson Plateau. The HIT 2 and 3 cover a steep east-facing valley slope with gradients up to 30-40 degrees. The claims are heavily wooded and outcrops are scarce except on the steeper valley slope areas. Portions of the property have been marked out for future logging.

2.2 Property Definition

The HIT 1-3 and MISS claims are located in the Similkameen Mining Division, claim sheet NTS 92-H-10E. (Map 2).

Claim Name	Units	Record No.	Date Staked	Date Recorded
MISS	15	1423 (6)	May 23, 1981	June 10, 1981
HIT 1	9	1489 (8)	August 1, 1981	August 5, 1981
HIT 2	3	1490 (8)	August 1, 1981	August 5, 1981
HIT 3	4	1491 (8)	August 1, 1981	August 5, 1981
	31			

The HIT/MISS claims occupy ground between the AXE Cu deposit on the south and the RUM claim on the north. The southeast portion of HIT 3 is in apparent contravention of a prior claim CORE 4 (1428(6)). The southeast corner of the MISS and HIT 3 claims is covered by prior staking, namely AXE 2000 (1217(11)).

2.3 Previous History

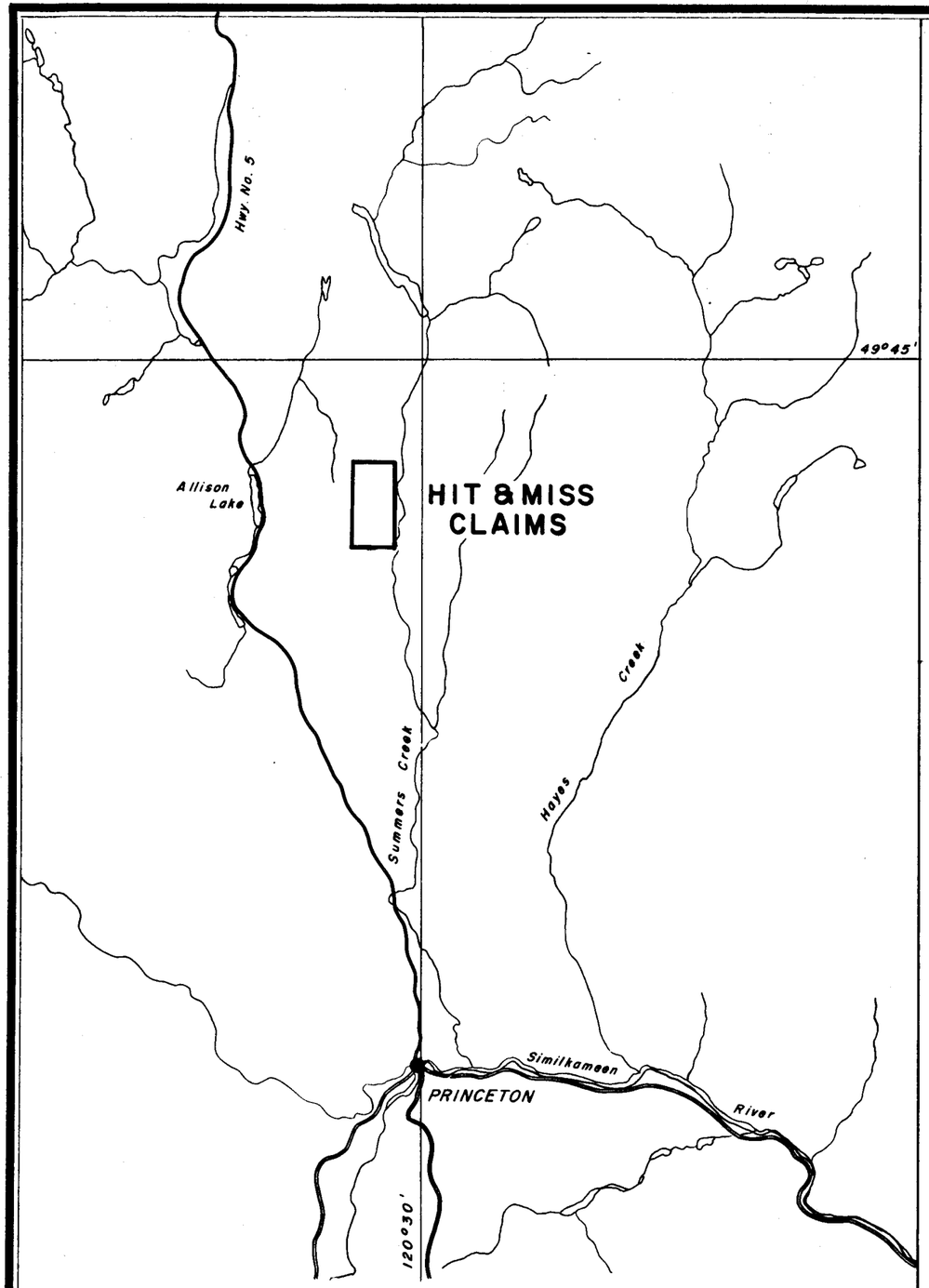
Portions of the HIT/MISS claims were previously held by Adonis Mines Ltd., Amax Potash Ltd., Texas Gulf Sulphur Co., and Sheba Copper Mines. The claims occupy ground north of the AXE Cu deposit (57.5 million tonnes at 0.50% Cu) held by Global Energy Corp. (formerly Adonis Mines Ltd.) and under option to Cominco Ltd. The RUM Cu prospect, held by Ruskin Developments Ltd., and formerly Amax, occurs to the north. The northeast portion of HIT 1 was mapped and sampled by Sheba Copper Mines Ltd. (Saleken, 1972) formerly held as the MDA-CORB claims. The BO prospect (location approximate) was evaluated in 1970 by Texas Gulf Sulphur who completed reconnaissance soil sampling and mapping.

2.4 1982 Exploration Program

The 1982 Canico exploration program was carried out by a six man crew during the period May 28 to June 20, 1982. Work on the claims was completed from a base camp located on the RITA claims, 6 kilometres to the southeast. Access to and from the property on a daily basis was by truck.

The program consisted of gridding, prospecting, geological, geochemical and geophysical surveys on two detailed areas, namely, the south portion of the MISS claim and west portion of HIT 3 claim, (HIT 3/MISS Detail) and the east central portion of the HIT 1 claim (HIT 1 Detail). Grid lines were re-established and filled in at 100 metre spacing utilizing a grid established in 1981.

A total of 37 rock samples and 363 soil samples was collected from the 11,200 metres of grid on the HIT 3/MISS Detail and 1,700 metres of grid on the HIT 1 Detail areas.



LOCATION MAP

SCALE: 1:250,000

FIGURE 1

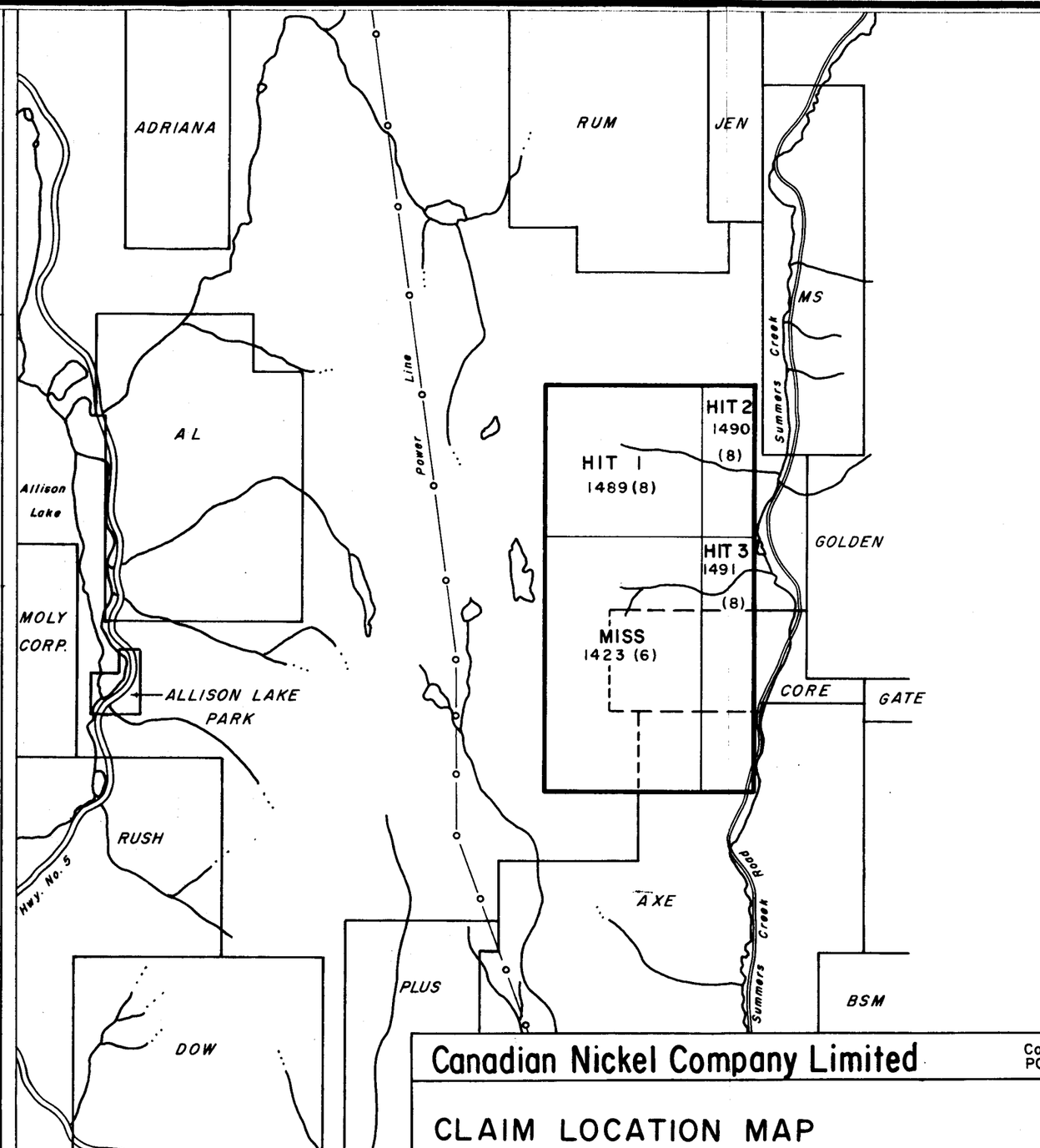


FIGURE 2

Canadian Nickel Company Limited

Copper Cliff, Ontario
POM 1NO

CLAIM LOCATION MAP

SHEET

MAP 1 & 2

Project: HIT 1 & 3 & MISS CLAIMS	Area: SIMILKAMEEN MINING DIVISION	
Supervisor: E.J. DEBICKI	Instrument:	Survey date: MAY-JUNE, 1982.
Compiled by: B. BOOTH	Drawn by: D. WALSH	Date drawn: MAY, 1982 / Revised:
Scale: 1: 50,000	File:	N.T.S. Part of 92 H 10E

3.0 REGIONAL GEOLOGY

The general geology of the HIT 1-3 and MISS claims area is outlined by G.S.C. Map 888A (Rice, 1947) and more recently by B.C.D.M. Bulletin 69 (Preto, 1979).

Upper Triassic-Lower Jurassic Nicola Group rocks, underlying much of the immediate area, consist of subareal and submarine andesite and basalt flows, breccias, conglomerates, sediments, volcanoclastics and lahar deposits which have been intruded by synvolcanic diorite intrusives. Granite, granodiorite, quartz monzonite and diorite phases of the Upper Triassic - Lower Jurassic Allison Lake Pluton occupy much of the area several kilometres west of the property. The Upper Cretaceous Summers Creek Stock, approximately one kilometre in diameter composed of granodiorite and diorite, occurs several kilometres to the south of the claim group.

The Nicola Group sequence, striking roughly north-south, in the vicinity of the HIT/MISS claim group, is part of the Nicola Group Central Belt (Preto, 1979) approximately 5-6 kilometres wide and bounded on the east by the Summers Creek Fault. The area is geologically similar, and along strike to, the area hosting the Newmont Copper Mountain - Ingerbelle Cu deposit 50 kilometres to the south.

The Nicola Group rocks are disrupted by several large north-south trending, high angle fault zones.

4.0 PROPERTY GEOLOGY

The HIT 1-3 and MISS claims are underlain entirely by a sequence of Upper Triassic - Lower Jurassic Nicola Group volcanics and sediments, and synvolcanic diorite intrusions. The claims were staked in 1981 on the basis of the geological environment defined by mapping by Preto (1979).

4.1 Geological Units

The Nicola Group has been subdivided into five distinct units forming a staked, moderately to steeply dipping sequence. The general geology of the HIT/MISS claim group is simplified on Figure 1. The geology of the HIT 3/MISS Detail and HIT 1 Detail areas is included as Figure 2 and Figure 7, respectively.

Unit 1a consists of andesite and basalt flows, medium to fine grained, light to dark green coloured. Epidote rich flows containing weakly schistose zones are common.

Unit 1b consists of augite-plagioclase porphyry flows, massive, green coloured, with low grade greenschist facies minerals such as epidote, actinolite, chlorite, albite and carbonate as common alteration products. Compositions range from alkaline to subalkaline (Preto, 1979) and are compositionally equivalent to Unit 1a.

Unit 2 occurs as a lenticular 2200 metre long by 100 metre to 800 metre wide unit trending north-south down the central portion of the claim group and onto the AXE claims to the south. It is fine grained, leucocratic, locally sheared, and generally pyritic. Preto (1979) suggests this unit to be an altered, quartz porphyry intrusive. The east and west contacts, although not exposed, appear to indicate that Unit 2 is in relatively sharp contact with the enclosing Unit 1 volcanics. Mapping in 1982 concluded that Unit 2 is a lenticular body of highly altered Unit 1 volcanic. There is no evidence that either contact is fault-bounded. Unit 2 has been interpreted to pinch out to the north. Lack of outcrop prevents defining the exact location of the contact.

Unit 3 is an interbedded volcanic sandstone, fine to medium grained, well bedded, light to dark grey in colour. One unidentified fossil was located within the unit. This unit is not widespread and was located in outcrop on the western portion of the HIT 3/MISS Detail area (Figure 2).

Unit 4 is a grey, fine grained, massive limestone occurring as an interbed within Unit 1. Its extent is limited to a small area of the western portion of the HIT 3/MISS Detail area (Figure 2).

Unit 5 is a dark green to grey, massive, medium to coarse grained, equigranular diorite or syenite consisting of feldspar, augite, hornblende and magnetite. This unit occurs as plugs, dikes and small bodies believed to be synvolcanic with the other units of the Nicola Group. Emplacement of these Unit 5 bodies is believed to have taken place along pre-existing faults. The Unit 5 plug mapped on the east portion of the HIT 1 Detail area is the southern portion of a larger body continuing to the north. A 600 metre diameter plug of Unit 5 has also been mapped on the east central portion of the HIT 3 claim immediately west of the Summers Creek Road.

4.2 Structure

The Nicola Group volcanic sequence trends roughly north-south. Dips of bedding where measurable in sediments are moderately to steeply inclined, predominantly to the east. Foliation and schistosity, developed to various degrees of intensity throughout the units, trends roughly north-south with moderate to steep dips mainly to the east.

The Summers Creek Fault trending north-south along the Summers Creek valley on the eastern edge of the property, marks the division between the Nicola Group Central Belt on the west and the Eastern Belt on the east (Preto 1979). All rocks of the HIT/MISS claims occur within the Central Belt. The eastern contact zone of Unit 2 on the HIT 3/MISS Detail area is marked by

a zone of extensive reticulated cleavage coincident with a 0.5 kilometre wide shear zone trending NNE-SSW as mapped by Preto (1979). This shear zone is part of the Missezula Mountain fault, a sinuous and branching fault system that can be traced from the RUM Cu prospect in the north, through the HIT/MISS Unit 2 alteration zone and south through the AXE Cu deposit. Elsewhere on the property, short discontinuous, NNE-SSW to N-S trending en-echelon faults cut through various portions of the Nicola Group volcanics.

4.3 Alteration

Alteration within the Nicola Group rocks on the HIT/MISS claim group is widespread. Unit 1b porphyry flows contain epidote, actinolite, chlorite, albite and carbonate as common alteration minerals. Individual massive flows of Unit 1a can be highly epidotized particularly where sheared. The most intense alteration occurs within the lenticular 2200 m long by 100-800 m wide Unit 2. The entire unit has been silicified with minor amounts of sericite, carbonate, kaolin and gypsum. Alunite may also be present based on a field test specifically designed to test for low pH minerals. A sugar cube size of material is finely ground up and placed in a Pyrex test tube. The tube is heated intensely with a flame type burner. The gas (H_2SO_4) driven off which condenses at the mouth of test tube, is tested with litmus paper. If a pH of 1 is obtained, the test material can be assumed to be alunite. Pyrite is ubiquitous throughout Unit 2 at about 0.5% with local zones up to 10%. The weathering of the pyrite accounts for the rusty zones within the otherwise leucocratic appearance of Unit 2.

4.4 Mineralization

Mineralization occurs within two environments on the HIT/MISS claim group. Short NNE-SSW trending shear zones locally contain minor amounts of chalcopyrite or other copper minerals detectable by malachite stain. Exploration in 1981, reported chalcopyrite-pyrite carbonate veinlets and traces of galena-chalcopyrite-pyrite quartz veinlets associated with these shear zones confined to the Unit 1 Nicola Group volcanics.

The most extensive mineralization located to date is with the highly altered Unit 2. Pyrite at 0.5% is ubiquitous throughout the unit with local concentrations up to 10%. The eastern contact is marked by downslope displaced soil geochemical values anomalous in Cu, Pb, Zn, Au, Ag, As. These values may be indicative of downhill seepage from the contact. Exploration along this contact failed to locate any visible mineralization because of lack of adequate outcrop. Unit 2 is interpreted to represent either the cap of an epithermal vein/stockwork type alteration zone based on the presence of low pH alteration minerals such as alunite, or the outer halo of a porphyry system.

The HIT/MISS claims lie within the Aspen Grove copper belt, which extends from Princeton to Aspen Grove. The belt is well known for its numerous copper showings and deposits consisting of pyrite + chalcopyrite $\pm$ bornite $\pm$ chalcocite mineralization occurring as disseminations, replacements and

fracture fillings within the Nicola Group volcanic and sedimentary rocks. Several showings also contain associated precious metal values. The most significant deposit within the belt is the Newmont Ingerbelle-Copper Mountain camp at Princeton, B.C. Two significant copper prospects, namely the AXE and RUM, occur to the immediate south and north, respectively, of the HIT/MISS claims. The AXE deposit (57.5 million tonnes of 0.5% Cu) contains disseminated and fracture controlled pyrite, chalcopyrite and molybdenite in hydrothermally altered Nicola Group volcanic flows and breccias intruded by diorite dikes and apophyses. The RUM showing consists of pyrite, chalcopyrite, and bornite in fracture zones cutting diorite sills and volcanic flows of the Nicola Group near branches of the Summers Creek Fault. This fault system may also host the bornite-chalcopyrite-pyrite-carbonate fracture fillings cutting altered Nicola Group andesites at the BO showing (HIT 2 claims). The BO showing has not been located during the course of the 1981 and 1982 exploration programs. Its location on Figure 1 is approximate based on information obtained from assessment reports.

5.0 GEOCHEMICAL SURVEYS

The 1982 program completed exploration on two detailed areas of the HIT/MISS claim group. On the HIT 3/MISS Detail area, a total of 11,200 metres of grid line was established consisting of a 700 metre north-south baseline, east-west crosslines at 100 metre intervals and stations along the crosslines at 20 or 50 metre intervals. On the HIT 1 Detail Area, a total of 1,700 metres of grid line was established consisting of a 200 metre north-south baseline and east-west crosslines at 100 metre intervals. Rock and soil geochemistry were completed on both detail grids. A total of 37 rock samples and 363 soil samples was collected.

Geochemical rock and soil samples were submitted to Acme Analytical Laboraties for analysis. Samples were analyzed for Cu, Pb, Zn, Ag, and As utilizing ICP. A 0.5 gram sample is digested with 3 ml. of 3:1:3 HCl to HNO_3 to H_2O at 90°C for one hour. The sample is then diluted to 10 mls. with water and analyzed by standard ICP techniques. Au was also analyzed by atomic absorption utilizing a 10 gram sample leached by the same preparation technique as with the ICP analyzed samples. Two rock samples were analyzed for 30 elements by ICP. Not all the soil samples were analyzed for Zn. Geochemcial results are listed in Appendix A.

5.1 Rock Geochemical Survey

A total of 37 rock samples was collected from various locations throughout the HIT 3/MISS and HIT 1 Detail areas, plotted on Figures 2 and 7, respectively. Rock sample descriptions are listed in Appendix B.

The analytical results do not indicate any significant zones of mineralization. A NNE-SSW malachite-stained fracture zone at 3+85W/18+20S returned a value of 3,284 ppm Cu, 1,483 ppm Zn with negligible Pb, Ag, As, Au values. Traces of chalcopyrite along the fracture zone explains the copper value. This type of mineralization, common in the area, is not significant.

Background metal values for Cu, Pb, Zn, Au, Ag, As in the Unit 2 altered zone are strongly depleted compared to the Unit 1 Nicola Group volcanics.

Talus rock samples displaced downhill from the eastern contact of Unit 2 failed to explain the cause of the anomalous soil geochemical values suspected also to have been displaced downhill. No samples containing pyrite ± chalcopyrite ± arsenopyrite ± epidote ± quartz ± siderite mineralization reported in the 1981 exploration program between 16+00S - 20+00S/2+00E - 6+00E, were located in 1982.

5.2 Soil Geochemical Survey

A total of 363 soil samples was collected from the two HIT/MISS Detail grids. Soil sample locations are plotted on Figures 3 and 8 with soil sample results for Au, Ag, As, Cu, Pb, Zn plotted on FIgures 3a - 3g and 8a - 8g.

On the HIT 3/MISS Detail grid (Figures 3-3g) the soil sample results indicate a downslope eastward displacement from the contact of Unit 2. Anomalous soil results are dispersed erratically on the eastward facing slope where gradients average 30^{o} - 40^{o}. Maximum values for each element are: 153 ppb Au, 8.4 ppm Ag, 289 ppm As, 574 ppm Cu, 449 ppm Pb, and 437 ppm Zn. The results indicate that mineralization occurs along the eastern contact of Unit 2. West of this contact soil geochemical results are extremely low for all elements. The HIT 3/MISS Detail grid covered only the southern 700 metres of the total 2200 metre strike length of the altered Unit 2 zone.

On the HIT 1 Detail grid (Figures 8-8g), detailed soil sampling was completed to explain an anomalous zone located in 1981 with values up to 390 ppb Au and 47 ppm As. The 1982 soil sample program outlined a 200 m long by 25 metre wide north-south trending zone anomalous in Au with values up to 120 ppb versus a background of 5 ppb. The zone is open to the north and south. Values of As up to 46 ppm versus a background of 2 ppm are displaced 100 metres downhill to the east relative to the Au anomaly. The anomaly may represent the northward continuation of the eastern contact of Unit 2. No Unit 2 rocks were identified on the HIT 1 Detail grid but the area immediately west of the Au soil anomaly is overburden covered.

6.0 GEOPHYSICAL SURVEYS

Altimeter, magnetometer and VLF-EM geophysical surveys were completed on the HIT 3/MISS and HIT Detail grids.

6.1 Altimeter Survey

Altimeter readings, using a Thommen pocket altimeter instrument, were taken at 25 metre intervals on the HIT 3/MISS Detail grid. The results of the survey, plotted and contoured on Figure 4, indicate an eastward facing slope relatively flat west of the base line (00 to 7+00W) becoming very steep (30^{o}-40^{o} gradient) east of the base line (00 to 7+00E) to Summers Creek valley bottom.

6.2 Magnetometer Survey

Canico personnel carried out 12,900 metres of ground magnetometer survey taking readings at 25 metre intervals. A Scintrex MF-1 fluxgate magnetometer was used to measure the relative vertical field strength in gammas. Corrections were made for diurnal and instrument drift by reading a base station at one to two hour intervals. The corrected survey results are plotted on Figures 5 and 9 with contours drawn at 100 gamma intervals.

In detail, the magnetic data show short range variations caused by local changes in magnetite content and/or depth variations to the magnetic source. Geological units, in particular the magnetic unit 5 diorite intrusive (HIT 1 Detail grid) is well defined by its higher intensity compared to the surrounding Unit 1 volcanics. Individual Unit 1 Nicola Group volcanic flows with increased magnetite content are also well defined by their higher intensity, such as on the HIT 3/MISS Detail grid between 2+00E and 4+00E.

6.3 VLF-EM Survey

A 12,900 metre VLF-EM survey was conducted on the 100 metre grids using a transmitting station at Seattle, Washington (NPG) which operates at 18.6 kHz. A Crone "Radem" receiver was employed at 25 metre station intervals to record the tilt angle of the resultant field in degrees. The data are presented on Figures 6 and 10 as profiles.

The tilt angle data on the HIT 1 Detail (Figure 10) shows a clear regional affect which is caused by steep topography. Crossovers from a weak - medium conductor are superimposed on the regional on all lines at approximately 3+50E. The results are typical of those caused by a shear and/or geological contact such as suggested on the geological plan (Figure 7).

On Figure 6, the tilt angle VLF data for the MISS claims appears almost entirely related to topographic effects. A few weak indications of possible bedrock sources are shown on the map. These do not follow any pattern which can be related to the geological or magnetic data.

Neither of the VLF surveys produced data which could be interpreted as resulting from sulphide sources.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The HIT/MISS claim group is underlain by volcanics, sediments and synvolcanic intrusives of the Upper Triassic - Lower Jurassic Nicola Group. The sequence trends roughly north-south and is cut by several major north-south fractures, namely the Summers Creek Fault on the east and Missezula Mountain Fault in the central portion of the claim group. A lenticular 2200 metre long by 100-800 metre wide leucocratic, pyritic, highly altered volcanic is indicative of a cap zone of an epithermal system or outer halo zone of a porphyry system. The zone holds untested potential for precious metal-base

metal mineralization. Anomalous soil geochemical values up to 153 ppb Au, 8.4 ppm Ag, 289 ppm As, 574 ppm Cu, 449 ppm Pb and 437 ppm Zn, are displaced downhill up to 700 metres away from the suspected source along the eastern contact of the altered Unit 2 zone. The contact is not exposed and prospecting and geological mapping failed to locate the source of the soil geochemical anomalies.

Future work on the HIT/MISS claim group will consist of diamond drilling the eastern contact of the altered Unit 2 Nicola Group volcanic.

8.0 REFERENCES

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4. Preto, V.A., 1972: Geology of the Allison Lake - Missezula Lake Area, B.C.; B.C.D.M. Preliminary Map No. 17, Scale 1:15,840.

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6. Rice, H.M.A., 1960: Geology and Mineral Deposits of the Princeton Map Area, B.C.; G.S.C. Memoir 243.

7. Rice, H.M.A., 1947: Princeton Geology Map; G.S.C. Map 888A, Sheet 92-H (East Half), Scale 1:253,440.

8. Salekan, L.W., 1972: Report on the Geology, Geochemistry and Magnetics, Princeton Claims, South MDA - RCS and North MDA - CORB Claim Groups, B.C. Assessment Report #4227.

9.0 STATEMENT OF EXPENDITURES - 1982

HIT #1, #2, #2 and MISS CLAIMS

WAGES			
E.J. Debicki	8 days @ $250	$2,000	
H.R. Butler	2 days @ $258	516	
B. Booth	14 days @ $96	1,344	
J. Scouten	14 days @ $81	1,134	
K. MacDonald	10 days @ $87	870	
C. Ravnaas	10 days @ $76	760	
R. Allum	11 days @ $67	737	
D. Walsh	3 days @ $155	465	$ 7,826.00
PERSONNEL EXPENSES			
Accommodation (Town & Travel)		323.51	
Meals (Town & Travel)	15 man days @ $20 per day	300.00	
Groceries (Camp)		868.33	1,491.84
TRANSPORTATION			
Truck Rental:	4 x 4 - 10 days @ $33.29 per day	332.90	
	2 x 4 - 14 days @ $26.22 per day	367.08	
	Van - 10 days @ $22.11 per day	221.10	
Gasoline		224.10	1,145.18
ANALYTICAL			
363 soil analysis (Cu,Pb,Zn,Ag,As,Au) @ $8.25 each		2,994.75	
35 rock analysis (Cu,Pb,Zn,Ag,As,Au) @ $10.25 each		358.75	3,353.50
MISCELLANEOUS			
Field Supplies, Propane, Maps, Stationary			474.51
		Total:	$14,291.03

E.J. Debicki
August 4, 1982

10.0 AUTHOR'S QUALIFICATIONS

I, EDWARD J. DEBICKI, of the City of Richmond, in the Province of British Columbia, HEREBY CERTIFY:

1. THAT I reside at 11351 Seahurst Road, Richmond, British Columbia, V7A 3P3

2. THAT I am a graduate of McMaster University, Hamilton, Ontario, with a degree of Bachelor of Science (1971).

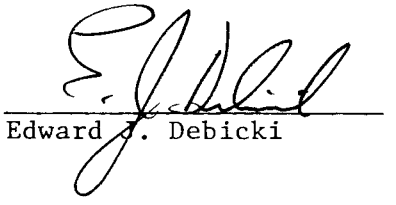
3. THAT I am District Geologist, B.C. and Yukon, with Canadian Nickel Company Limited (subsidiary of Inco Limited) of Copper Cliff, Ontario, POM 1NO.

4. THAT I have practised my profession as a geologist since 1971, having worked in Ontario, Quebec, the Northwest Territories, Yukon Territory and British Columbia.

5. THAT I visited the property and that the work described in this report was carried out under my supervision on behalf of Canadian Nickel Company Limited.

6. THAT I am a Associate Member of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.

DATED at Richmond, British Columbia, this 17th day of September, 1982.



Edward J. Debicki

APPENDIX A

ANALYTICAL RESULTS

ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH H2O. THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - ROCK CHIPS

JUNE 21 1982 DATE REPORTS MAILED June 24/82 ASSAYER D. Toye DEAN TOYE,

CANADIAN NICKEL PROJECT # MISS CLAIMS #60828 FILE # 82-0441

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
RX042198	109	8	71	.3	29	5
RX042199	3284	76	1483	1.1	15	5
RX042200	54	7	19	.2	23	5
RX045853	60	7	90	.1	11	5
RX045854	127	14	127	.1	12	5
RX045855	64	239	370	.5	21	10
RX045856	25	14	241	.1	9	5
RX045857	12	6	36	.1	3	5
RX045858	295	8	43	.4	4	10
RX045859	597	8	39	.2	8	15
RX045860	11	6	43	.1	6	5
RX045861	80	10	65	.2	13	5
RX045862	136	12	80	.4	30	5
RX045863	64	8	60	.2	7	5
RX045864	28	10	78	.1	34	5
RX045865	78	10	70	.1	13	5
RX045866	33	133	166	1.0	27	15
RX045867	86	13	332	.1	12	5
RX045868	55	67	292	1.3	53	10
RX045869	86	17	160	.1	17	5
RX045870	4	9	7	.4	2	5
RX045871	88	8	82	.1	14	5
STD A-1	31	44	187	.4	13	5
RX042938	9	1	5	.1	2	5
RX042939	138	6	43	.1	5	5
RX042940	65	10	54	.2	22	5
RX042941	17	8	42	.2	5	5
RX042942	62	15	76	.1	525	10
RX042943	56	11	75	.1	31	5
RX042944	138	13	51	.2	16	5
RX042945	110	8	81	.1	15	5
RX042946	28	7	154	.1	6	5
RX042947	9	30	47	.2	2	5
RX042948	4	5	11	.1	7	5
RX042949	28	11	98	.1	24	5
RX045883	250	14	99	.1	32	5

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Bi,Sr,Cr AND B. Au DETECTION 3 ppb.
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED AUG 24 1982 DATE REPORTS MAILED Sept 3/82 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

CANADIAN NICKEL - FILE # 82-0901

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	
RX15461	6	5	2	2	.1	1	1	16	1.20	6	2	ND	2	4	1	2	2	1	.02	.01	1	1	.02	41	.01	2	.20	.02	.15	1	5	Hrt Mw
RX15462	4	10	3	74	.1	1	2	285	3.19	2	2	ND	2	1	1	2	2	9	.01	.01	2	4	1.01	31	.01	2	1.29	.01	.10	2	5	

_ LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-

ICP GEOCHEMICAL ANALYSIS

* SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.
IS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - SOIL/SILT

DATE REPORTS MAILED June 28/82 ASSAYER A. Toye DEAN TOYE, CERTIFIE

CANADIAN NICKEL PROJECT # 60828 - 14050 FILE # 82-0439

_E # SX	MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
58655	2	14	20	99	.1	4	5
88656	2	33	58	227	.2	6	5
88657	2	85	54	198	.3	2	5
88658	2	154	19	127	.1	3	5
88659	3	117	27	140	.1	6	5
88660	4	200	16	62	.1	4	5
88661	3	203	11	61	.1	2	5
88662	2	114	10	44	.1	2	5
88663	4	458	13	52	.1	2	5
88664	1	104	14	50	.1	2	5
88665	1	15	10	62	.1	2	5
88666	1	35	10	47	.1	4	5
88667	1	15	9	57	.1	2	5
88668	1	62	13	65	.1	10	5
88669	1	17	10	97	.1	7	5
88670	1	17	11	42	.1	5	5
88671	1	18	12	57	.1	6	5
88672	1	18	7	50	.1	5	5
88673	1	12	10	58	.1	4	5
88674	1	43	10	52	.2	6	5
88675	1	24	12	62	.1	11	5
88676	1	15	10	55	.2	6	5
88677	1	18	8	43	.1	7	5
88678	1	20	9	48	.1	2	90
88679	1	18	14	73	.2	3	5
88680	1	16	9	67	.1	6	5
88681	10	38	24	87	.3	26	5
88682	2	22	19	97	.1	6	5
88683	5	56	122	195	.7	29	5
88684	3	67	104	202	.4	29	5
88685	4	100	320	258	.9	46	5
88686	1	9	85	187	.2	6	5
88687	1	9	101	209	.3	7	5
88688	1	11	34	300	.1	9	5
88689	2	45	199	123	1.7	289	15
A-1	2	29	41	176	.3	9	5

CANADIAN NICKEL PROJECT # 60828 - 14050 FILE # 82-0439

SAMPLE #	MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
SX088690	7	64	449	387	2.0	194	55
SX088691	4	50	382	413	2.3	81	65
SX088692	3	77	375	437	8.4	35	40
SX088693	3	55	197	348	2.9	25	35
SX088694	3	39	144	351	1.9	21	50
SX088695	2	29	92	311	1.1	18	5
SX088696	1	10	37	183	.6	3	5
SX088697	2	26	107	306	1.0	12	5
SX088698	1	24	47	180	.2	10	5
SX088699	2	55	42	193	.4	22	5
SX088700	2	137	32	188	.2	30	5
SX088989	1	13	10	86	.1	3	5
SX088990	1	9	12	77	.1	2	5
SX088991	1	14	13	200	.1	2	5
SX088992	1	12	18	76	.2	4	5
SX088993	2	9	34	52	.7	2	5
SX088994	4	13	20	23	.1	5	5
SX088995	10	15	182	7	.9	13	20
SX088996	9	43	222	14	.8	19	25
SX088997	10	45	97	23	1.1	22	15
SX088998	9	42	119	38	.8	25	20
SX088999	4	25	34	59	.3	10	5
SX089000	2	22	19	86	.1	2	5
SX089001	1	113	10	51	.1	3	5
SX089002	2	208	12	56	.1	2	5
SX089003	4	317	14	48	.1	2	5
SX089004	2	236	15	42	.1	2	5
SX089005	4	139	14	55	.1	3	5
SX089006	3	137	15	60	.1	4	5
SX089007	2	25	9	132	.3	2	5
SX089008	1	18	12	186	.1	3	5
SX089009	1	20	10	92	.1	2	5
SX089010	1	21	11	94	.1	3	5
SX089011	1	23	11	98	.1	5	5
SX089012	1	26	13	94	.1	3	5
SX089013	1	19	10	75	.1	5	5
SX089014	1	20	14	59	.2	4	5
STD A-1	1	30	42	177	.2	8	5

CANADIAN NICKEL PROJECT # 60828 - 14050 FILE # 82-0

SAMPLE #	MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
SX089015	1	20	11	41	.4	3	
SX089016	1	39	9	57	.1	16	
SX089017	1	25	11	74	.1	27	
SX089018	1	21	8	57	.1	5	
SX089019	1	38	10	52	.1	11	
SX089020	1	30	11	76	.1	8	
SX089021	1	43	10	72	.1	10	
SX089022	1	57	13	69	.1	13	
SX089023	1	115	9	66	.1	2	
SX089024	2	151	16	59	.1	10	
SX089025	1	58	8	74	.1	2	
SX089026	1	43	11	78	.1	6	
SX089027	1	36	11	82	.1	4	
SX089028	2	21	10	83	.1	4	
SX089029	1	44	10	68	.1	8	
SX089030	1	32	11	60	.1	2	
SX089031	1	53	12	80	.1	25	
SX089032	1	33	8	69	.1	8	
SX089033	1	10	5	87	.1	2	
SX089034	1	12	9	87	.1	2	
SX089035	1	24	9	133	.1	5	
SX089036	1	35	21	132	.1	5	
SX089037	1	27	11	66	.1	5	
SX089038	1	29	13	60	.1	2	
SX089039	1	13	9	73	.1	6	
SX089040	1	16	10	68	.1	2	
SX089041	1	20	10	54	.1	3	
SX089042	2	18	9	43	.1	7	
SX089043	1	19	8	50	.1	5	
SX089044	1	18	9	49	.1	5	
SX089045	1	23	10	48	.1	7	
SX089046	1	25	11	49	.1	7	
SX089047	1	23	10	73	.2	9	
SX089048	1	22	9	70	.1	3	
SX089049	1	12	8	68	.1	2	
SX089050	1	52	12	49	.1	2	
SX089051	1	11	8	52	.1	4	
STD A-1	1	29	43	176	.3	8	

CANADIAN NICKEL PROJECT # 60828 - 14050 FILE # 82-043

SAMPLE #	MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
SX089052	1	10	6	34	.1	2	5
SX089053	1	40	13	56	.1	5	5
SX089054	1	85	8	37	.1	2	5
SX089055	1	26	11	76	.1	2	5
SX089056	1	18	10	95	.1	5	5
SX089057	1	15	8	71	.1	5	5
SX089058	1	12	8	63	.1	2	5
SX089059	1	12	11	76	.1	5	5
SX089060	1	20	8	89	.1	3	5
SX089061	1	20	9	87	.1	2	5
SX089062	1	16	8	96	.1	2	5
SX089063	1	21	10	82	.2	2	5
SX089064	1	19	11	82	.1	2	5
SX089065	1	24	10	76	.2	3	5
SX089066	1	44	10	47	.1	5	5
SX089067	1	26	12	95	.4	3	5
SX089068	1	26	15	100	.2	5	5
SX089069	1	25	13	87	.1	7	5
SX089070	1	24	11	94	.2	6	5
SX089071	1	22	9	69	.2	2	5
SX089072	1	17	10	82	.1	2	5
SX089073	1	37	11	71	.2	5	5
SX089074	1	25	11	75	.1	5	5
SX089075	1	21	10	70	.2	2	5
SX089076	1	27	13	69	.2	2	5
SX089077	1	22	12	83	.1	5	5
SX089078	1	26	10	79	.1	2	120
SX089079	1	57	12	54	.1	7	5
SX089080	2	75	21	94	.1	46	10
SX089081	1	34	10	109	.1	16	5
SX089082	1	14	8	53	.1	8	5
SX089083	1	16	11	51	.1	2	5
SX089084	1	117	10	61	.1	3	5
SX089085	1	40	9	61	.1	2	5
SX089086	1	43	11	43	.1	3	5
SX089087	1	23	8	51	.1	2	5
SX089088	1	14	8	46	.1	2	5
STD A-1	1	30	42	178	.3	7	5

CANADIAN NICKEL PROJECT # 60828 - 14050 FILE # 82-043

SAMPLE #	MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
SX089089	1	40	6	40	.1	3	5
SX089090	1	16	10	76	.1	2	5
SX089091	1	19	7	59	.1	4	5
SX089092	1	19	9	68	.1	4	5
SX089093	1	25	9	56	.1	3	5
SX089094	1	32	8	52	.1	5	15
SX089095	1	19	9	67	.1	3	10
SX089096	1	20	9	60	.2	3	5
SX089097	1	25	10	66	.1	8	5
SX089098	1	21	10	77	.1	5	5
SX089099	1	20	9	97	.3	4	20
SX089100	1	14	8	79	.1	4	5
SX089101	3	29	27	168	.1	9	5
SX089102	2	13	26	100	.1	3	5
SX089103	7	47	55	49	.4	19	5
SX089104	6	43	51	57	.5	18	5
SX089105	6	51	58	83	.2	18	5
SX089106	5	32	39	113	.3	16	5
SX089107	6	39	60	47	.4	18	10
SX089108	5	38	54	73	.3	18	15
SX089109	5	46	46	72	.4	11	5
SX089110	2	162	14	103	.2	3	5
SX089111	1	38	8	48	.1	2	5
SX089112	1	85	8	69	.1	3	5
SX089113	1	32	5	80	.1	2	5
SX089114	2	143	12	104	.2	2	5
SX089115	1	23	9	57	.1	4	5
SX089116	2	18	9	72	.1	36	5
SX089117	1	32	11	95	.1	33	5
SX089118	1	10	7	71	.1	8	5
SX089119	1	20	6	50	.1	2	5
SX089120	1	33	7	123	.1	5	5
SX089121	1	14	7	42	.1	2	5
SX089122	2	106	9	67	.1	2	5
SX089123	1	23	8	39	.1	2	5
SX089124	1	28	7	56	.1	2	5
STD A-1	1	29	42	172	.3	10	5

SX088808	1	120	29	.4	24	15
SX088809	1	98	26	.1	16	5
SX088810	4	223	27	.5	26	20
SX088811	1	202	24	.2	28	10
SX088812	2	215	19	.1	31	5
SX088813	1	232	18	.4	35	30
SX088814	2	346	28	.1	38	5
SX088815	2	205	130	.5	61	20
SX088816	3	119	42	.1	78	10
SX088817	3	88	29	.2	49	5
SX088818	9	140	34	.5	43	10
SX088819	8	268	77	.6	49	15
SX088820	5	96	128	.4	33	25
	Mo	Cu	Pb	Ag	As	Au*
	ppm	ppm	ppm	ppm	ppm	ppb

CANADIAN NICKEL FILE # 82-0430

SAMPLE #	MO ppm	CU ppm	PB ppm	AG ppm	AS ppm	Au* ppb
SX088821	4	73	30	.1	22	5
SX088822	9	59	40	.1	31	5
SX088823	13	42	46	.4	31	15
SX088824	15	44	48	.6	31	25
SX088825	9	23	87	.5	20	15
SX088826	7	54	46	.6	23	10
SX088827	8	43	54	.7	21	20
SX088828	12	92	43	.7	25	20
SX088829	22	27	81	1.9	34	40
SX088830	5	37	47	1.3	20	40
SX088831	4	65	27	.1	13	5
SX088832	2	17	17	.1	3	5
SX088833	1	7	14	.2	3	5
SX088834	1	3	6	.1	2	5
SX088835	1	11	23	.1	2	5
SX088836	1	12	30	.1	2	5
SX088837	1	29	26	.1	2	5
SX088838	1	22	18	.1	4	5
SX088839	1	18	16	.1	6	5
SX088840	1	14	32	.1	8	5
SX088841	1	15	18	.1	2	5
SX088842	2	143	16	.1	13	5
SX088843	1	152	13	.1	14	35
SX088844	3	363	13	.7	16	65
SX088845	2	246	14	.1	9	10
SX088846	2	152	13	.1	3	5
SX088847	2	574	18	.1	15	5
SX088848	2	226	19	.1	7	5
SX088849	1	452	13	.1	9	5
SX088850	1	284	14	.1	15	5
SX088851	1	129	12	.1	10	5
SX088852	1	218	12	.1	7	5
SX088853	1	53	11	.1	3	5
SX088854	1	155	12	.1	4	10
SX088855	1	53	10	.1	8	5
SX088856	1	154	14	.1	10	5
SX088857	1	25	7	.1	2	5

CANADIAN NICKEL FILE # 82-0430

SAMPLE #	MO ppm	CU ppm	PB ppm	AG ppm	AS ppm	Au* ppb
SX088858	1	45	13	.1	7	5
SX088859	1	36	8	.1	16	5
SX088860	1	109	19	.1	24	5
SX088861	1	80	15	.1	15	5
SX088862	1	65	16	.1	14	5
SX088863	1	116	21	.1	19	5
SX088864	1	132	21	.1	13	5
SX088865	1	38	202	.1	8	10
SX088866	1	26	62	.1	9	5
SX088867	1	62	95	.1	10	5
SX088868	1	31	145	.1	7	5
SX088869	3	127	107	.1	51	15
SX088870	1	92	133	.1	41	5
SX088871	4	132	102	.1	71	10
SX088872	4	94	75	.1	69	5
SX088873	4	69	73	.1	48	5
SX088874	5	92	90	.1	45	5
SX088875	4	75	58	.1	33	5
SX088876	3	74	118	.1	41	5
SX088877	4	89	112	.1	56	5
SX088878	1	266	254	.1	38	10
SX088879	7	73	85	.1	46	20
SX088880	3	142	216	.1	40	5
SX088881	2	412	274	.1	42	5
SX088882	6	131	208	.1	46	10
SX088883	4	352	298	.1	80	25
SX088884	2	139	285	.1	56	20
SX088885	1	31	40	.1	41	25
SX088886	3	229	189	.1	39	20
SX088887	7	21	45	.1	25	10
SX088888	5	38	47	.3	28	25
SX088889	6	33	163	1.7	58	35
SX088890	4	20	33	.2	5	5
SX088891	3	49	19	.2	10	20
SX088892	1	5	12	.1	2	5
SX088893	1	9	9	.1	4	5

CANADIAN NICKEL FILE # 82-0430

SAMPLE #	MO ppm	CU ppm	PB ppm	AG ppm	AS ppm	Au* ppb
SX088894	2	39	12	.1	7	5
SX088895	3	38	11	.1	7	5
SX088896	1	10	7	.3	3	5
SX088897	1	24	10	.1	4	5
SX088898	1	22	12	.1	4	5
SX088899	1	24	12	.1	2	5
SX088900	1	32	12	.1	6	5
SX088901	1	19	10	.1	5	5
SX088902	1	22	10	.1	4	5
SX088903	1	29	12	.1	8	5
SX088904	1	64	12	.1	9	5
SX088905	2	9	27	.1	19	5
SX088906	1	18	9	.1	3	5
SX088907	1	21	9	.1	4	5
SX088908	1	45	11	.1	8	5
SX088909	1	17	9	.1	4	5
SX088910	1	21	11	.1	8	5
SX088911	1	32	8	.1	8	5
SX088912	1	20	32	.1	6	5
SX088913	1	39	82	.5	5	5
SX088914	1	22	149	1.3	16	5
SX088915	1	32	197	.9	57	20
SX088916	1	24	311	2.1	23	155
SX088917	1	18	72	.2	4	5
SX088918	1	113	22	.1	10	5
SX088919	3	368	19	.1	14	10
SX088920	2	302	13	.1	10	5
SX088921	1	143	14	.1	6	5
SX088922	1	275	13	.1	7	5
SX088923	1	61	9	.1	6	5
SX088924	1	102	13	.2	7	5
SX088925	1	13	3	.1	2	5
SX088926	1	31	6	.1	5	5
SX088927	1	60	11	.1	4	5
SX088928	1	42	11	.1	6	5
SX088929	1	51	10	.1	5	5
SX088930	1	29	7	.1	2	5
STD A-1	1	29	39	.2	8	5

CANADIAN NICKEL FILE # 82-0430

SAMPLE #	MO ppm	CU ppm	PB ppm	AG ppm	AS ppm	Au* ppb
SX088931	1	19	4	.1	2	5
SX088932	1	30	9	.1	7	5
SX088933	1	14	5	.1	6	5
SX088934	1	148	17	.1	10	5
SX088935	1	108	15	.1	6	5
SX088936	2	260	12	.1	8	5
SX088937	1	131	16	.1	5	15
SX088938	1	34	7	.1	3	5
SX088939	1	82	9	.1	4	5
SX088940	1	18	7	.1	2	5
SX088941	3	218	16	.1	9	10
SX088942	2	212	13	.1	8	5
SX088943	3	207	15	.1	11	5
SX088944	9	266	16	.1	11	10
SX088945	4	307	15	.1	10	5
SX088046	3	381	17	.1	10	5
SX088947	5	277	18	.1	7	5
SX088948	1	106	13	.1	7	5
SX088949	4	361	10	.1	4	5
SX088950	1	127	13	.1	7	5
SX088951	1	131	10	.1	15	5
SX088952	1	215	15	.1	10	10
SX088953	1	52	11	.1	10	5
SX088954	1	67	14	.1	10	5
SX088955	1	81	14	.1	10	5
SX088956	2	106	14	.1	8	5
SX088957	1	97	9	.1	8	5
SX088958	1	56	11	.1	7	10
SX088959	1	32	9	.2	14	5
SX088960	1	68	14	.1	19	5
SX088961	1	89	15	.1	9	5
SX088962	1	103	13	.1	10	5
SX088963	1	29	17	.1	5	5
SX088964	1	32	45	.3	4	5
SX088965	1	18	65	.1	3	5
SX088966	1	58	94	.6	7	5
SX088967	1	54	53	.5	10	5
STD A-1	1	29	42	.2	9	5

CANADIAN NICKEL FILE # 82-0430

SAMPLE #	MO ppm	CU ppm	PB ppm	AG ppm	AS ppm	Au* ppb
SX088968	1	37	56	.2	7	5
SX088969	1	17	9	.1	8	5
SX088970	1	16	10	.1	5	5
SX088971	1	22	10	.4	2	5
SX088972	1	16	5	.2	2	5
SX088973	1	20	8	.1	4	15
SX088974	1	18	6	.1	2	5
SX088975	1	17	8	.1	4	5
SX088976	1	54	10	.1	4	5
SX088977	1	36	14	.1	4	5
SX088978	1	23	11	.1	4	5
SX088979	1	20	6	.1	3	5
SX088980	1	15	9	.1	3	5
SX088981	1	27	7	.1	6	5
SX088982	1	21	10	.1	5	5
SX088983	1	23	10	.1	5	5
SX088984	1	19	12	.1	7	5
SX088985	1	24	10	.1	8	5
SX088986	1	26	9	.1	9	5
SX088987	1	22	9	.1	12	5
SX088988	1	27	9	.1	6	5
STD A-1	1	29	39	.2	12	5

APPENDIX B

ROCK SAMPLE DESCRIPTIONS

TRAVERSE NUMBER -

N.T.S. 92-H-10E

PROJECT MISS CLAIMS (Parts of HIT)

AREA

GEOLOGIST(S) BRIAN R. BOOTH

DATE June 1982

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm. / % /oz. per ton)					
	RX (Rock) Talus	SX Stream Silt, Soil	Grab, Chip, Channel	N/S	E/W	Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	ppm Cu	ppb Au	ppm Ag	ppm As	ppm Pb	ppm Zn
RX042198				17+85S	1+60W	Mafic Volcanic (Basaltic). Color dark grey to black on weathered surface and dark green on fresh. Carbonate veining occurs associated with hairline fractures. Hematite staining occurs to a small degree. Gossan zones are minor. Pyrite is abundant along fractures but has been weathered out from matrix.	109	5	0.3	29	8	71
RX042199				18+15S	3+85W	Mafic Volcanic (Basalt). Color is dark green on fresh surface. Highly altered. Mn staining is present. The outcrop is highly sheared. Small quartz veins occur containing Chalcopyrite, pyrite. Malachite occurs along fractures in crystal fibrous fans.	3284	5	1.1	15	76	1483
RX042200				17+88S	6+68W	Qtz. vein (Gossanous) with a Plagioclase porphyry. Pyrite also occurs. Some carbonate is present.	54	5	0.2	23	7	19
RX045853				17+10S	2+40W	Mafic Volcanic (Basalt) medium grained massive, dark green on fresh surface. Minor carbonate veinlets.	60	5	0.1	11	7	90
RX045854				16+90S	2+90E	Mafic Volcanic in contact with felsic Volcanic (Rhyolite). Carbonate alteration has occurred (minor). Highly sheared and gossan zones are present. Pyrite occurs along fractures.	127	5	0.1	12	14	127
RX045855				17+00S	3+20E	Mafic Volcanic. Dark green in color. Gossan zones occur. Pyrite occurs as dissemination.	64	10	0.5	21	239	370
RX045856				17+25S	4+00E	Mafic Volcanic. Dark green in color on fresh surface. Gossanous. Some carbonate.	25	5	0.1	9	14	241
RX045857				18+50S	6+85E	Mafic Volcanic. (Basaltic to Andesitic). fine to medium grained, soft, massive. Dark green in color on fresh surface.	12	5	0.1	3	6	36

TRAVERSE NUMBER - PROJECT MISS CLAIMS (HIT #3 IN PART) GEOLOGIST(S) BRIAN R. BOOTH

N.T.S. 92-H-10E AREA Okanagan DATE June 1982

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm. /% /oz. per ton)					
	RX (Rock), Talus	SX Stream Silt, Soil	Grab, Chip, Channel	N/S	E/W	Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	ppm Cu	ppb Au	ppm Ag	ppm As	ppm Pb	ppm Zn
RX045858				19+00S	6+50E	Mafic volcanic (Basaltic to Andesitic)	295	10	0.4	4	8	43
						Sample was a gossan zone near Plag. Porphyry						
						and Mafic Volcanic contact. Generally						
						massive po, py observed.						
RX045859				18+95S	5+85E	Mafic volc., andesite, breccia. Minor py	597	15	0.2	8	8	39
						massive.						
RX045860				19+00S	3+85E	Mafic volcanic andesite, no sulphides,	11	5	0.1	6	6	43
						massive light green (pale), epidote stringers						
						are common.						
RX045861				19+00S	2+58E	Plag. porphyry, highly sheared, schistose	80	5	0.2	13	10	65
						gossan is present along shears. Some						
						silicification has occurred.						
RX045862				19+00S	2+15E	Mafic volcanic schistose, sheared some	136	5	0.4	30	12	80
						silicification, gossan along fractures.						
RX045863				19+00S	1+50OE	Mafic volcanic, schistose, sheared pale	64	5	0.2	7	8	60
						green.						
RX045864				19+00S	5+75W	Mafic volcanic (Andesite to Basalt)	5	34	0.1	28	10	78
						slightly schistose, minor carbonate.						
RX045865				21+00S	1+25E	Mafic volcanic (Andesite to Basalt)	5	13	0.1	78	10	70
						schistose light green to pale green, gossan						
						along planes.						
RX045866				21+00S	0+90E	Mafic volcanic (Andesite to Basalt) schistose	15	27	1.0	33	133	166
						pale green, minor pyrite.						
RX045867				18+00S	5+40E	Altered and sheared Andesitic Volcanic,	5	12	0.1	86	13	332
						light pale green. Quartz clasts are present,						
						schistose minor silicification has occurred.						
RX045868				18+00S	4+45E	Altered, sheared mafic volcanic some pyrite	10	53	1.3	55	67	292
						present pale to dark green. Qtz. stringers						
						are present.						
RX045869				17+50S	3+50E	Altered, sheared, schistose. Mafic Volcanic	5	17	0.1	86	17	160
						some pyrite, minor silica.						
RX045870				17+25S	4+75W	Limestone, massive, grey, carbonate veins	5	2	0.4	4	9	7
						no sulphide						

TRAVERSE NUMBER -

N.T.S. 92- H - 10 E

PROJECT MISS CLAIMS (DETAIL)

AREA

GEOLOGIST(S) BRIAN R. BOOTH

DATE June 1982

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm / % / oz. per ton)					
	RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	N/S	E/W	Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	ppb Au	ppm As	ppm Ag	ppm Cu	ppm Pb	ppm Zn
RX045871				15+00S	4+90W	Mafic Volcanic (Andesite to Basalt) pale to dark green.	5	14	0.1	88	8	82

TRAVERSE NUMBER - PROJECT OKANAGAN GEOLOGIST(S) J. SCOUTEN

N.T.S. 92 - H - 10 E AREA Hit and Miss Claims DATE June 1982

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm. / % /oz. per ton)					
	RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel			Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	Au ppb	Ag ppm	Cu ppm	As ppm	Pb ppm	Zn ppm
RX042938			grab	-	5+35N 4+40E	Milky white angular quartz float found in talus. Abundant quartz float in surrounding talus.	5	0.1	9	2	1	5
RX042939			chip	1x1=1m^2	5+35N 4+40E	Med. grained, intermediate, intrusive rock. Diorite. Visible Py and cpy(?) Malachite staining; epidotized feldspars.	5	0.1	138	5	6	43
RX042940			chip	1x1=1m^2	4+63N 3+20E	Greyish green aphanitic rock. Interm. volcanic (andesite). Mildly foliated. Abundant carbonate, weathers grey with scattered red (hematite stained) patches.	5	0.2	65	22	10	54
RX042941			chip	1x1=1m^2	4+80N 3+00E	Grey aphanitic rock. Andesite. Mildly foliated; quartz/carbonate veining and alteration. Visible Py. Weathers grey to pale green.	5	0.2	17	5	8	42
RX042942			chip	1x1=1m^2	6+25N 2+70E	Local altered zone within aphanitic grey andesite. Abundant rusty weathering.	10	0.1	62	525	15	76
RX042943			chip	1x1=1m^2	5+80N 2+75E	Greenish grey fine grained rock. Andesite. Weathers red to brown. Sample taken at approximate location of 1981 soil anomaly. No visible sulfides.	5	0.1	56	31	11	75
RX042944			chip	1x1=1m^2	14+05S 6+80W	Intermed. to mafic volcanic. Locally fractured and (quartz?)/carbonate altered zone. No visible mineralization. Green on fresh surface, grey on weathered surface.	5	0.2	138	16	13	51
RX042945			grab	-	14+00S 4+75W	Grey to pale green, very fine grained rock 10% small block fragments (crystals?). Red (hematite) staining. Semi-angular.	5	0.1	110	15	8	81
RX042946			chip	1x3=3m^2	14+03S 0+25E	Propylitized rock. White. Dissem. Py. Rusty weathering. Silica rich.	5	0.1	28	6	7	154
RX042947			chip	1x1=1m^2	14+25S 2+25E	Propylitized rock. Visible py, well-developed gossan.	5	0.2	9	2	30	47
RX042948			chip	1x1=1m^2	14+20S 2+75E	White, aphanitic, semi vitreous rock. Hard. Silica rich. Dissem Py.	5	0.1	4	7	5	11

TRAVERSE NUMBER - PROJECT OKANAGAN GEOLOGIST(S) J. SCOUTEN

N.T.S 92 - H - 10E AREA Hit and Miss Claims DATE June 1982

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm. / % /oz per ton)					
	RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel			Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	Au ppb	Ag ppm	Cu ppm	As ppm	Pb ppm	Zn ppm
RxO42949			grab	-	6+75N	Light grey aphanitic rock, andesite buff to	5	0.1	28	24	11	98
					2+90E	rusty weathering.						

TRAVERSE NUMBER -

N.T.S. 92 - H - 10E

PROJECT HIT/MISS B.C.

AREA Summers Creek

GEOLOGIST(S) B. BOOTH

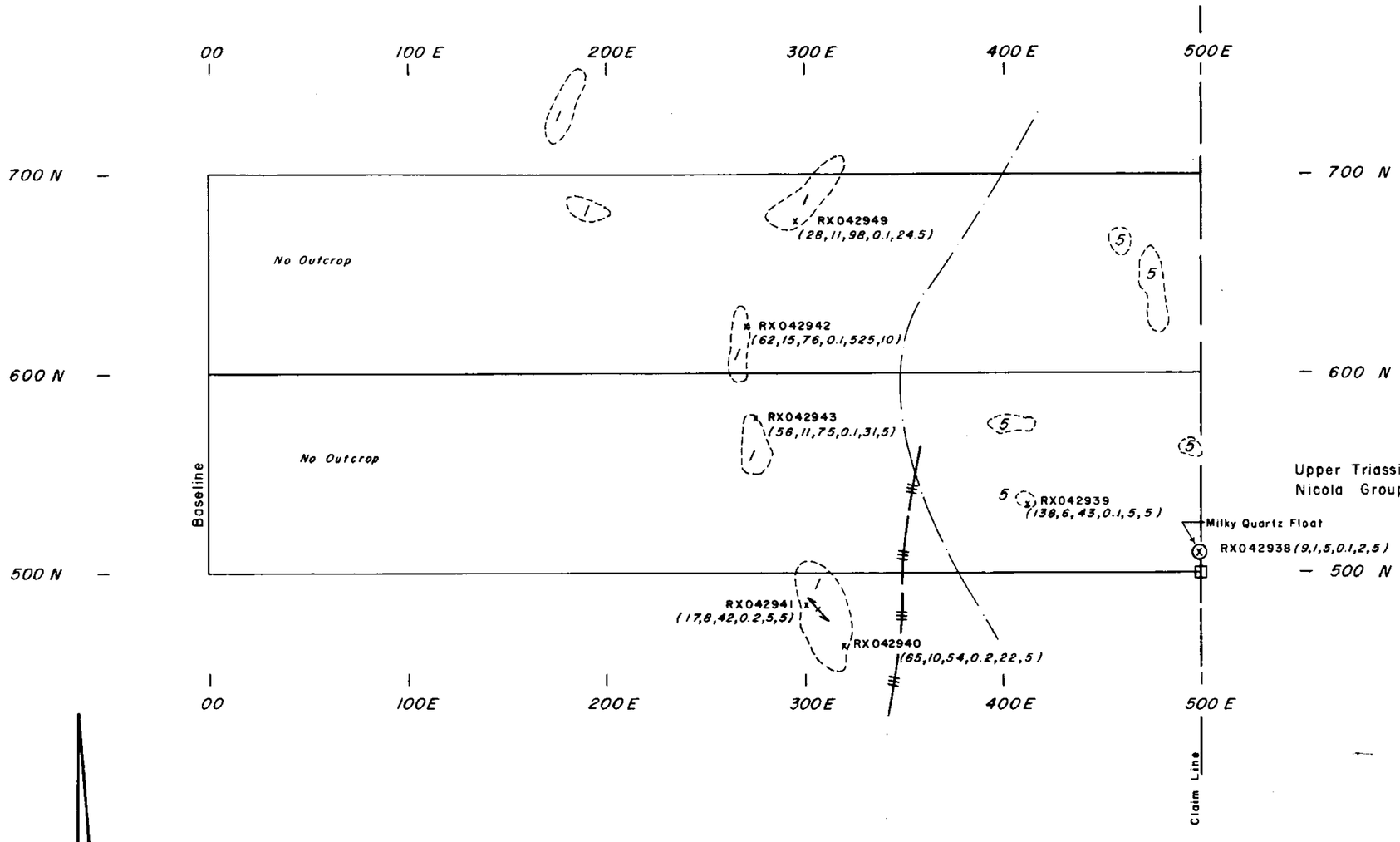
DATE June 1982

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm. / % / oz. per ton)					
	RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel			Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	ppb Au	ppm Ag	ppm Cu	ppm As	ppm Pb	ppm Zn
RX045883	rock		grab		5+25W 15+10S	Nicola Group mafic volcanic.	5	0.1	250	32	14	99

TRAVERSE NUMBER - PROJECT HIT/MISS CLAIMS, B.C. GEOLOGIST(S) E. DEBICKI

N.T.S. 92 - H - 10 E AREA Summers Creek DATE Aug. 27, 1982 (samples collected June/82)

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm / % / oz. per ton): Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	ICP sheet attached
RX015461	rock		grab		17+00S 0+50W	Fg. light grey-white (tinge yellow) highly altered mafic volcanic with clay. (Nicola Group). Alumite test tve (pH ≃ 1 or less) Sample submitted for Thin Section XRD for clay mined determination fluid inclusion study.	5	0.1	6	5	2	2	
RX015462	rock		grab		10+00S 0+50W	Fg. grey, altered Nicola Gp. mafic volcanic with clay alteration. Pyrite 4-5% finely disseminated throughout and concentrated along fracture planes as smears. Alumite test tve but pyrite (sulphides) may mask effect of test.	5	0.1	2	10	3	74	



x RX042940 Rock sample location and number

(109,8,71,0.3,29,5) Results (Cu, Pb, Zn, Ag, As, Au) ppm — ppb

Extent of outcrop

Location of float

Lineaments

Geological Contact

1 / 907 Greyish green, aphanitic fine grained intermediate volcanic.

5 / 925 Medium to coarse grained, intermediate intrusive rock.

Foliation: strike, vertically dipping.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited — Copper Cliff, Ontario POM 1NO

GEOLOGY AND ROCK SAMPLE LOCATION MAP

SHEET

FIGURE 7

Project: HIT I DETAIL

Area: SIMILKAMEEN MINING DIVISION B.C.

Supervisor: E.J. Debicki

Instrument:

Survey date: June, 1982

Compiled by: J. Scouten

Drawn by: D.W. Walsh

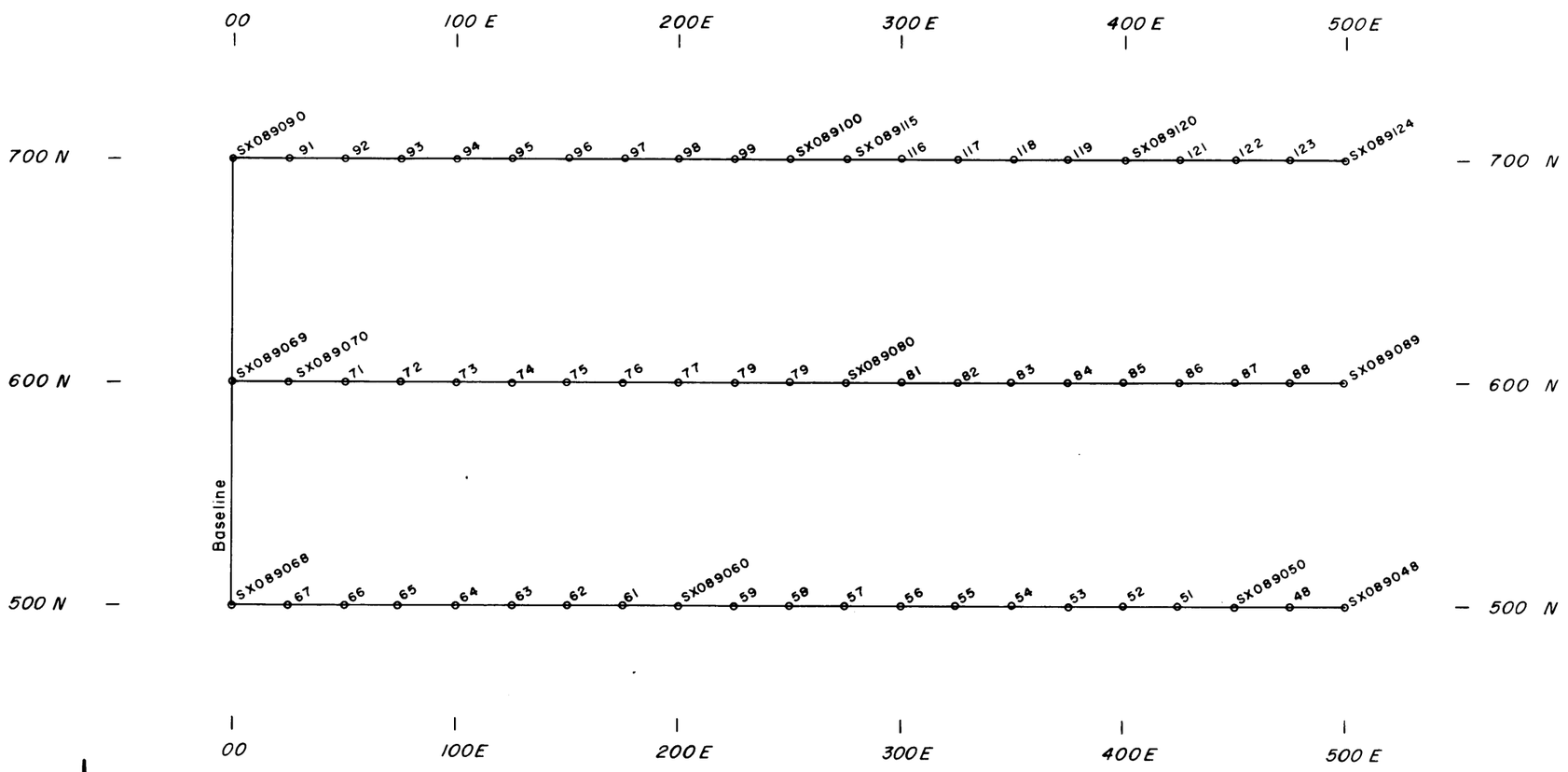
Date drawn: October, 1982

Revised:

Scale: 1:2500 0 25M

File:

N.T.S. 92 H 10E

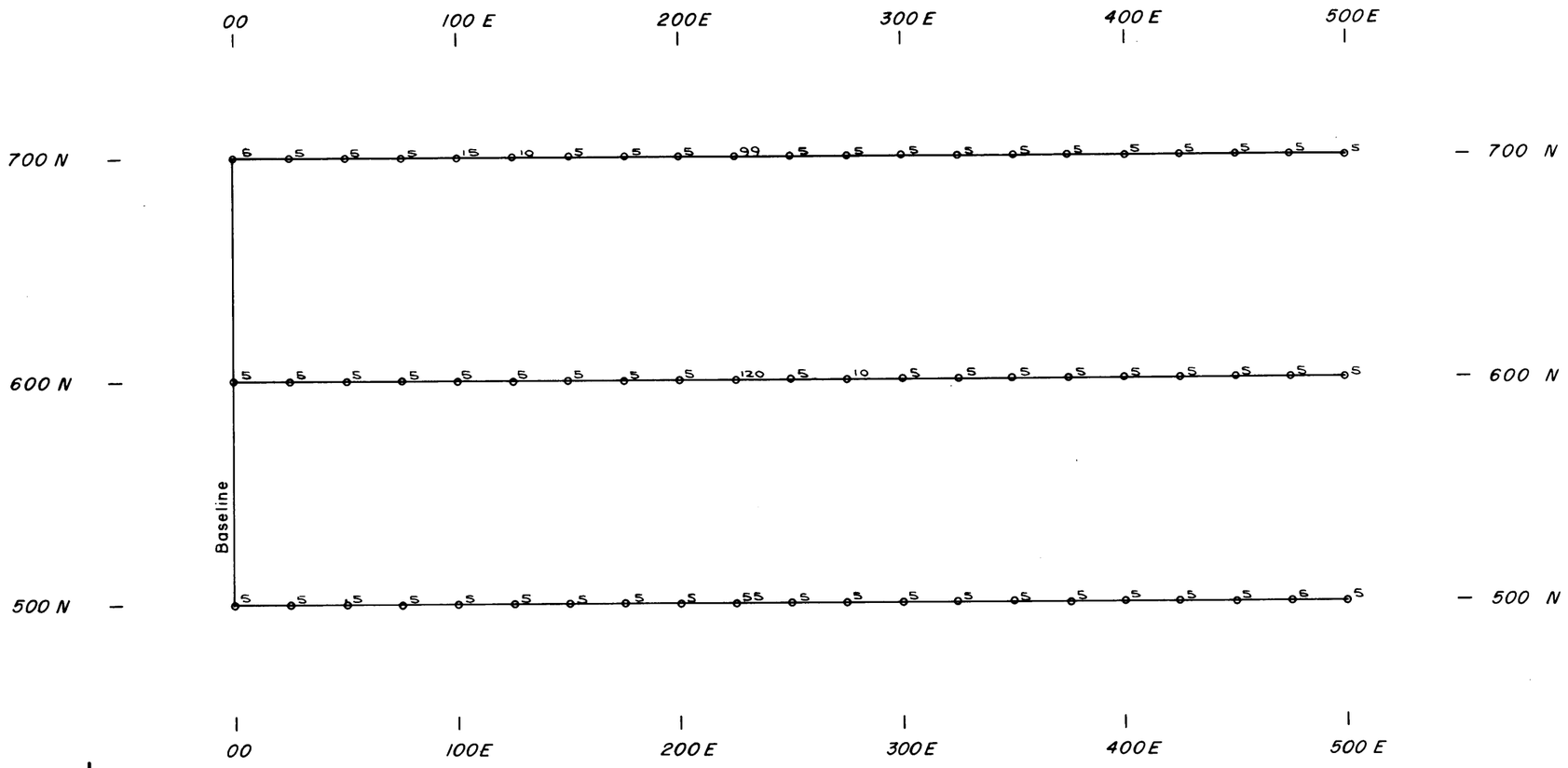


o SX090700 Soil sample location and number

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE LOCATIONS		SHEET	FIGURE 8
Project: HIT I DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982	
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10E	

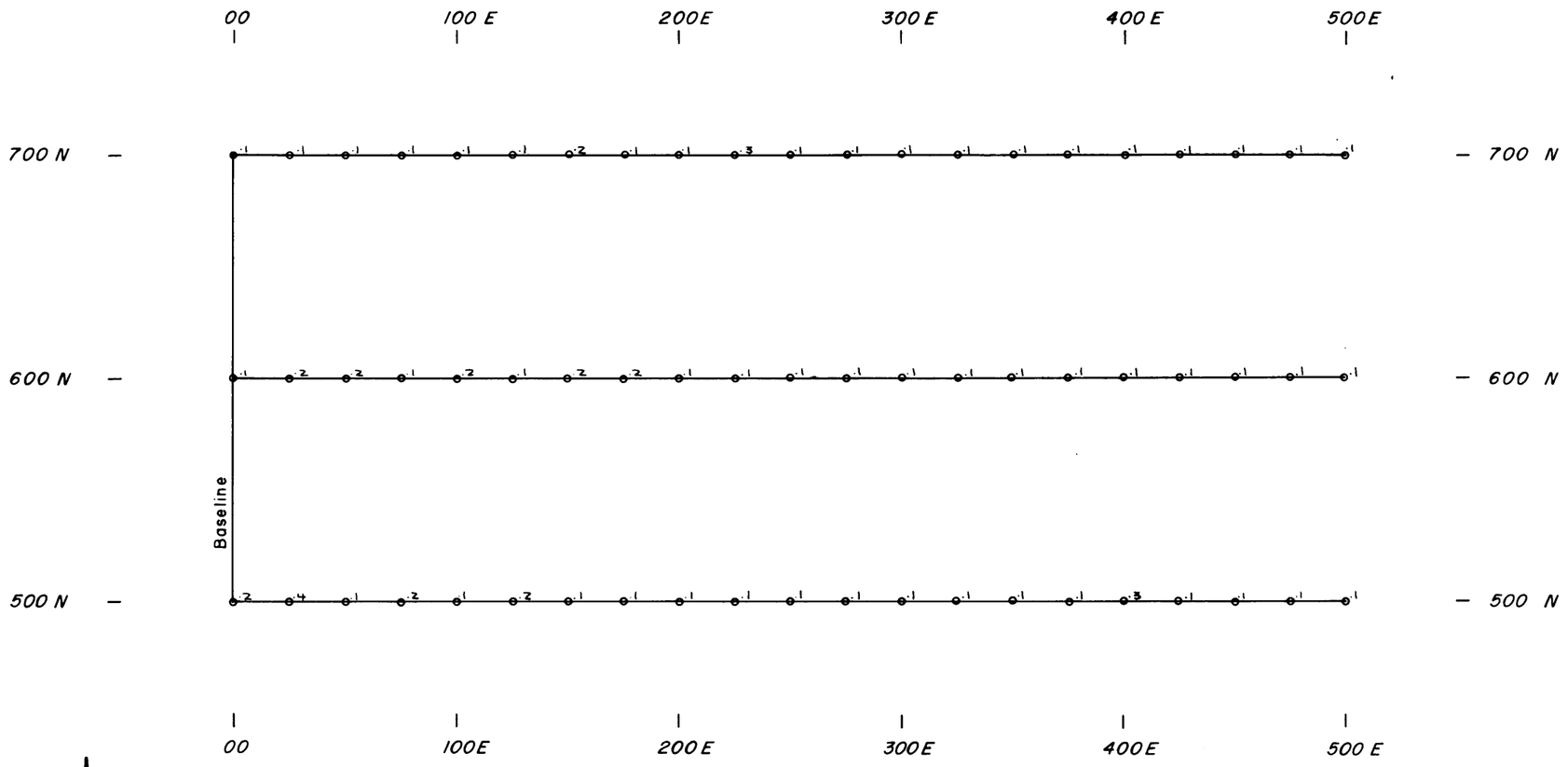


0120 Geochemical results fo Au in ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited — Copper Cliff, Ontario POM 1NO		
SOIL SAMPLE RESULTS Au(ppb)	SHEET	FIGURE 8a
Project: HIT I DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982 — Revised:
Scale: 1 : 2500 0 25M	File:	N.T.S. 92 H 10E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited — Copper Cliff, Ontario POM 1NO

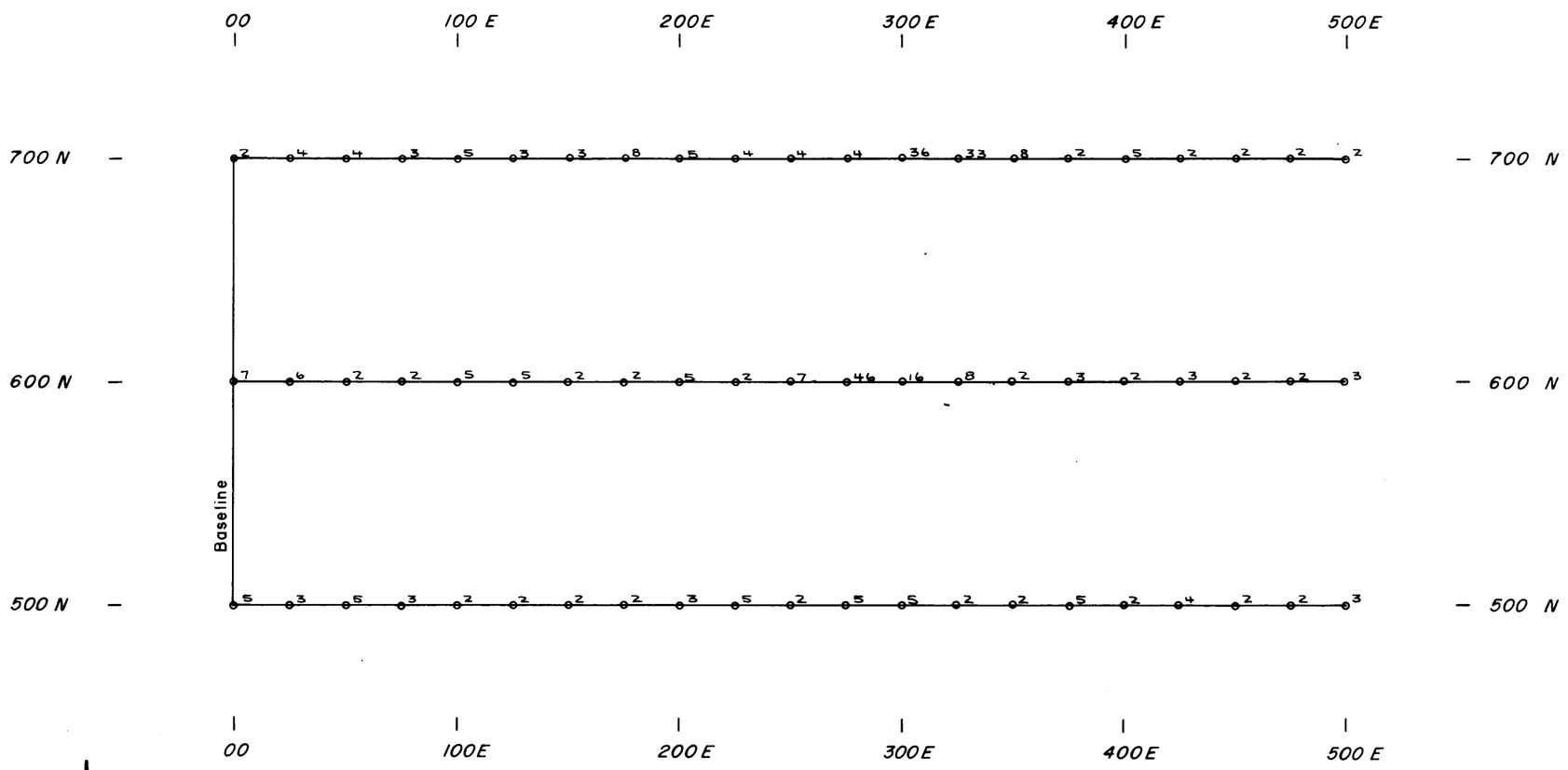
SOIL SAMPLE RESULTS Ag (ppm) — SHEET — FIGURE 8b

Project: HIT I DETAIL — Area: SIMILKAMEEN MINING DIVISION B.C.

Supervisor: E.J. Debicki — Instrument: — Survey date: June, 1982

Compiled by: R. Allum — Drawn by: D.W. Walsh — Date drawn: October, 1982 — Revised:

Scale: 1:2500 D 25M — File: — N.T.S. 92 H 10E

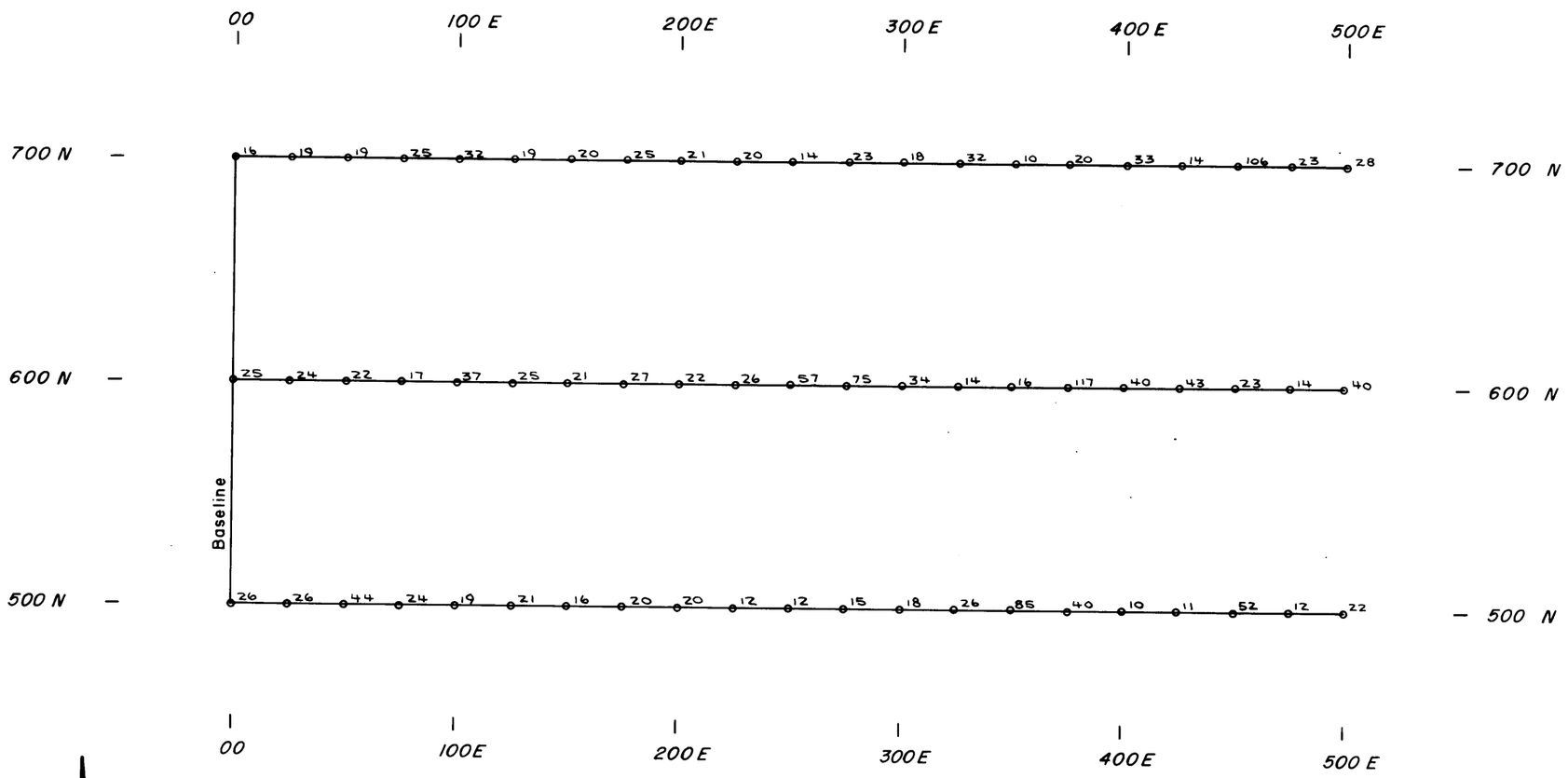


03 Geochemical results for As in ppm.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS As (ppm)		SHEET	FIGURE 8c
Project: HIT I DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:	Survey date: June, 1982	
Compiled by: R.Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10E	

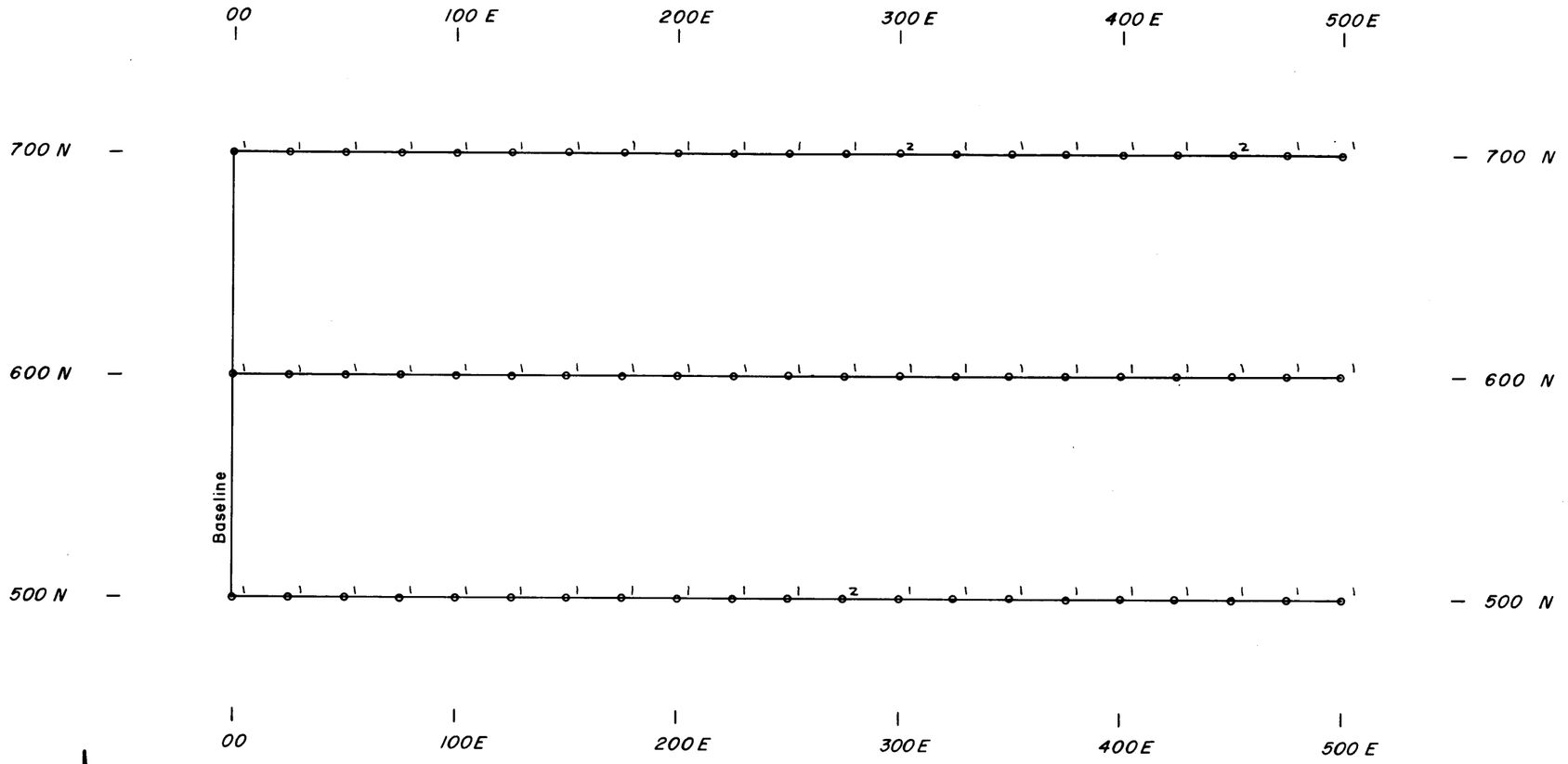


0100 Geochemical results for Cu in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Cu (ppm)		SHEET	FIGURE 8d
Project: HIT 1 DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June, 1982	
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25 M	File:	N.T.S. 92 H 10E	

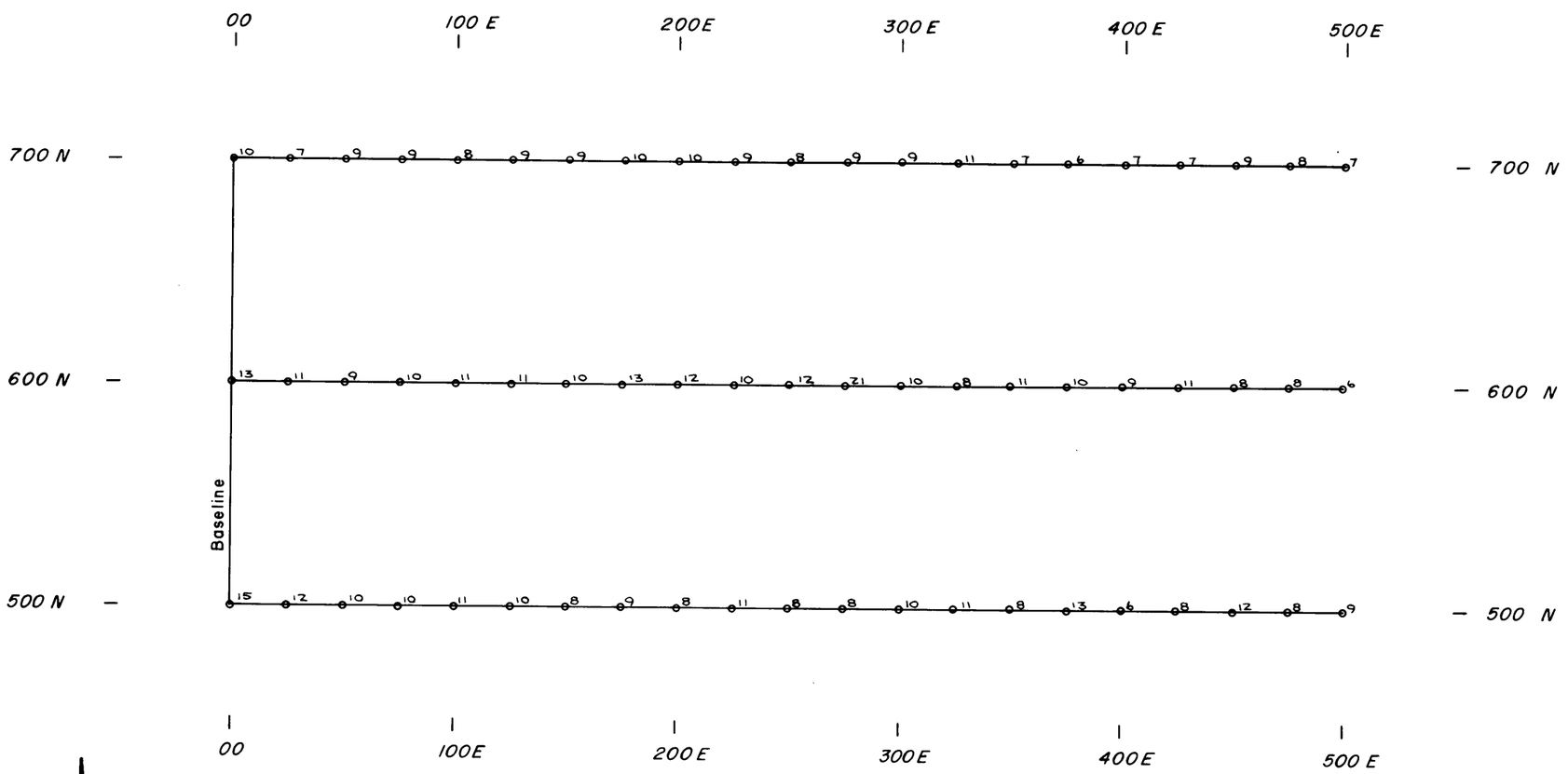


o z Geochemical results for Mo in ppm.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Mo (ppm)		SHEET	FIGURE 8e
Project: HIT I DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982	
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1 : 2500 0 25 M	File:	N.T.S. 92 H 10E	

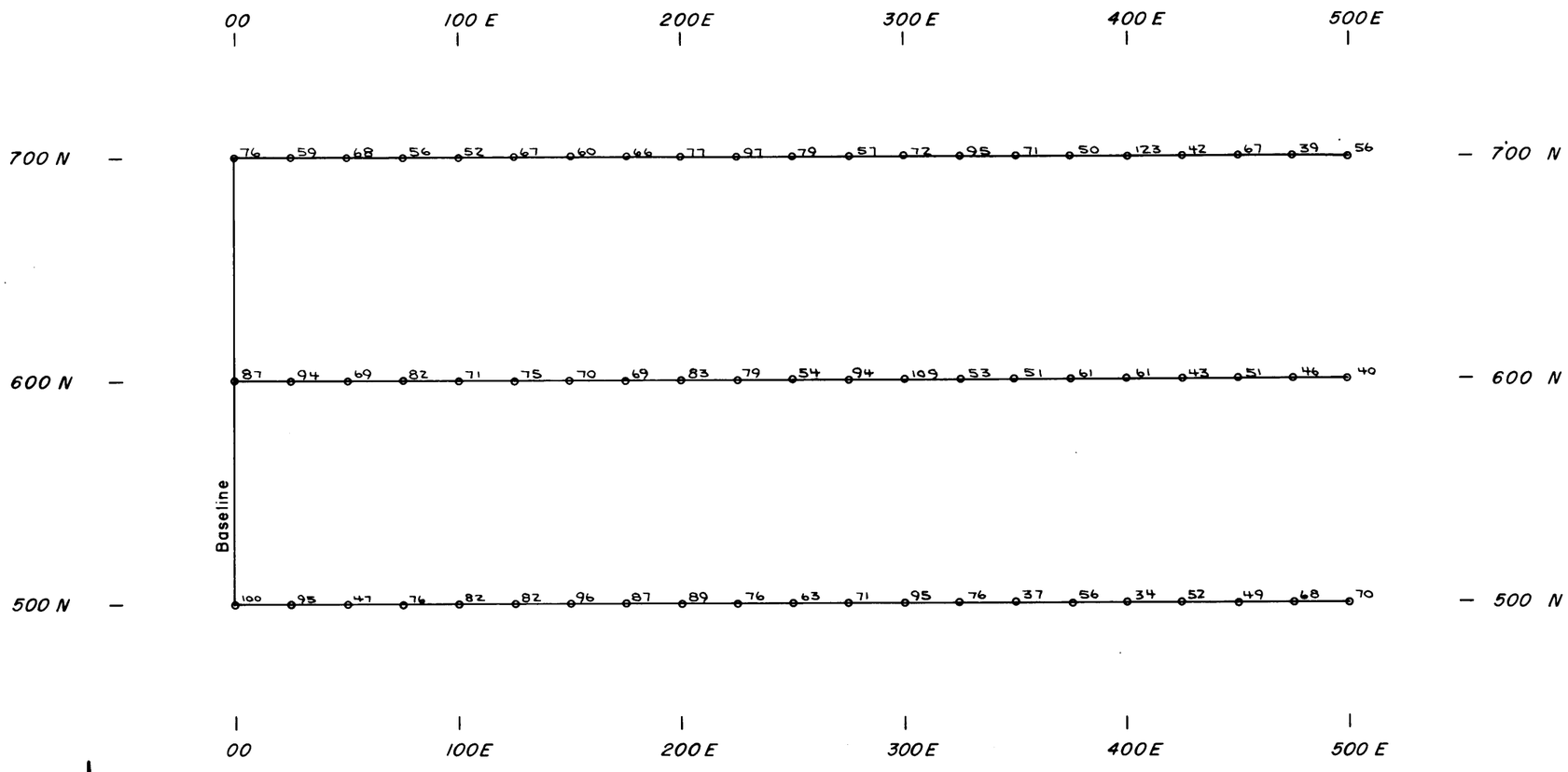


o 10 Geochemical results for Pb in ppm.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Pb (ppm)		SHEET	FIGURE 8f
Project: HIT I DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June, 1982	
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25 M	File:	N.T.S. 92 H 10E	

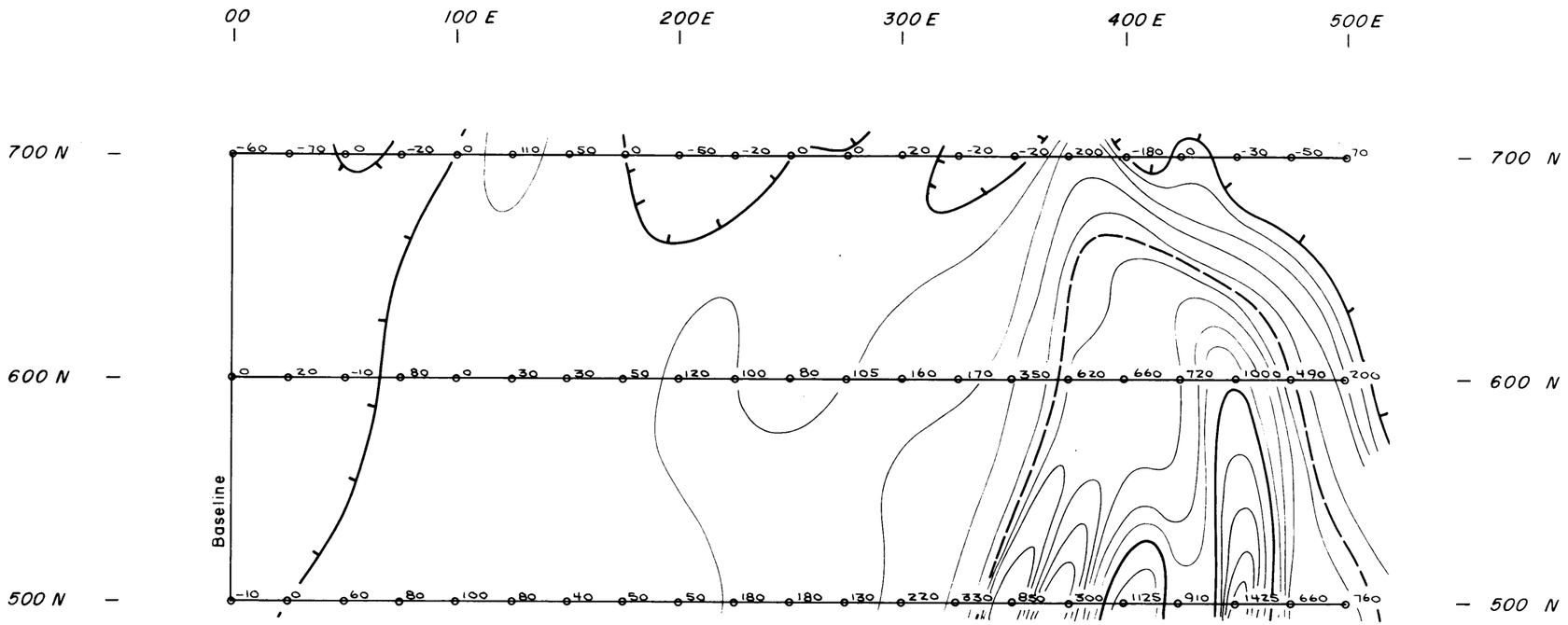


o100 Geochemical results for Zn in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Zn (ppm)		SHEET	FIGURE 8g
Project: HIT I DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982	
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10E	



Magnetic readings in gammas o 300

Contour interval = 100 gammas

Isomagnetic lines 0, 1000

500

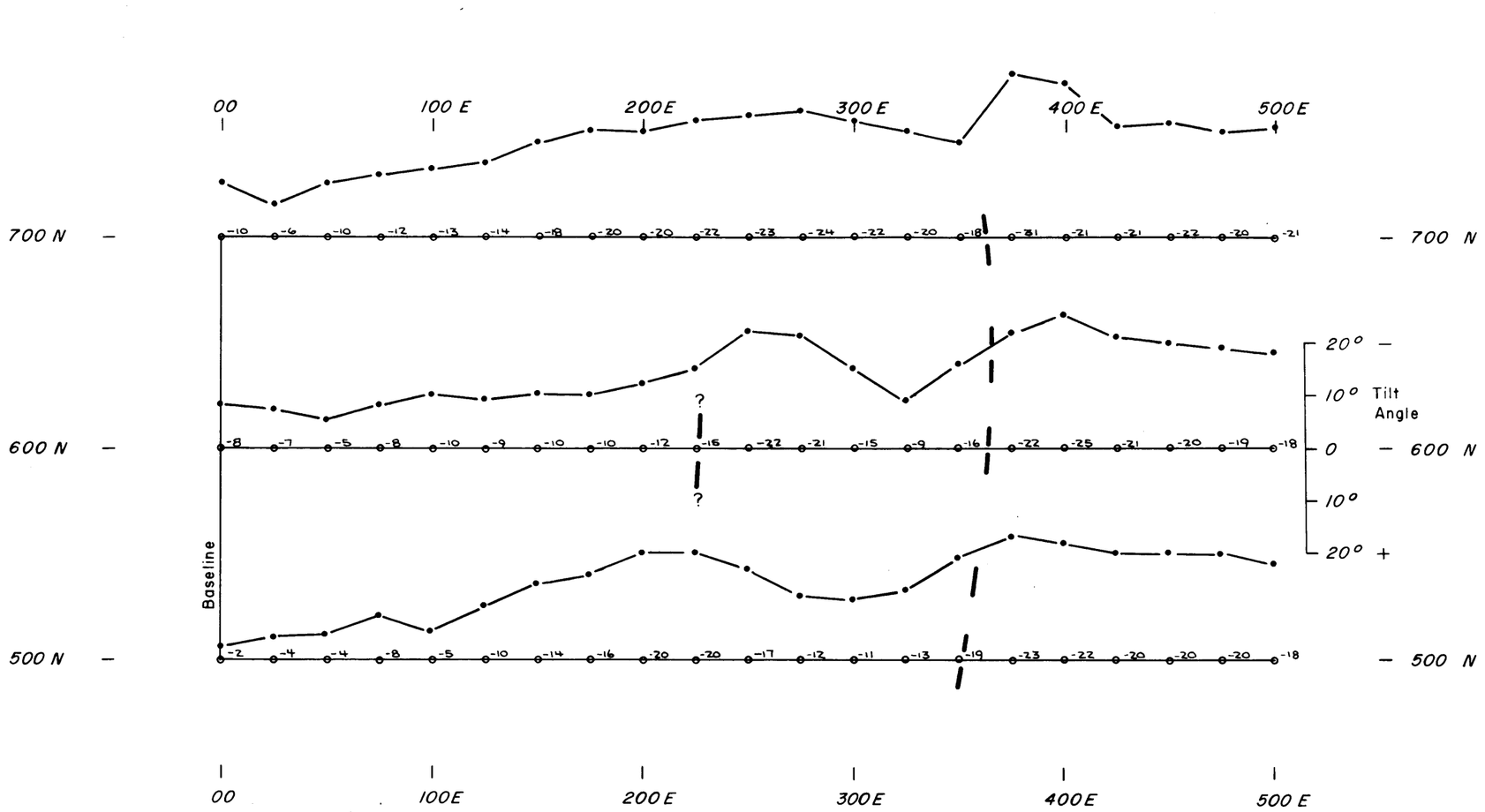
100

RELATIVE LOW

GEOLOGICAL BRANCH
ASSESSMENT REPORT

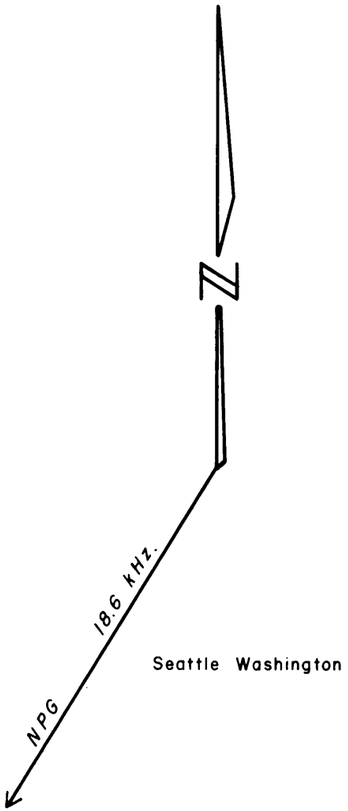
10,962

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
MAGNETOMETER SURVEY		SHEET	FIGURE 9
Project: HIT 1 DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument: MF-1 Model 321	Survey date: June, 1982	
Compiled by: C. Ravnaas	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10E	



VLF Radem readings in degrees o-31

Conductor Axis



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
VLF RADEM SURVEY		SHEET	FIGURE 10
Project: HIT 1 DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument: V.L.F Radem	Survey date: June, 1982	
Compiled by: C. Ravnaas	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10E	

HIT 1 CLAIM
(1498(8))

HIT 2 CLAIM
(1490(8))

HIT 3 CLAIM
(1491(8))

MISS CLAIM
(1423(6))

HIT 1 DETAIL AREA 1:2,500 (1982)

HIT 3 / MISS DETAIL AREA 1:2,500 (1982)

Open Pine No Outcrop

No Outcrop

Alders

Open Pine Forest

Alders & Fir Forest

Fir Forest

MISSEZULA MTN.

pyrite, chalcopyrite, quartz vein at 0° dipping W

arsenopyrite

malachite

siderite, pyrite galena

quartz

pyrite

pyrite, chalcopyrite epidote

epidote, quartz, pyrite

(bornite - chalcopyrite carbonate veinlets

Summer's Creek

Summer's Creek Road

1400 N
1200 N
1000 N
800 N
700 N
600 N
500 N
400 N
200 N
00
200 S
400 S
600 S
800 S
1000 S
1200 S
1400 S
1500 S
1600 S
1700 S
1800 S
1900 S
2000 S
2100 S

1000 W
800 W
600 W
400 W
200 W
00
200 E
400 E
600 E
800 E
1000 E

AGE	GROUP	UNIT	COLOUR	LITHOLOGY
UPPER TRIASSIC — LOWER JURASSIC	NICOLA	5	925	Syenite to Diorite (Synvolcani) Medium to coarse grained.
		4	902	Limestone Grey, fine grained, massive, carbonate stringers
		3	916	Volcanic sandstone Fine to medium grained, well bedded, fossiliferous, light to dark grey.
		2	913	Altered Mafic Volcanic Fine grained, leucocratic, clay alteration, sheared
		1	907	Mafic Volcanics Undifferentiated andesite to basalt flows, plagioclase porphyry, autoclastic flows and breccias, ash and lithic tuffs.

- Geological Contact - approximate
- Bedding - inclined, vertical
- Foliation, Schistosity - inclined, vertical
- Fault - location approximate
- Joint - inclined
- Ⓕ Fossil locality
- Ⓧ Mineralization — outcrop, float
- △ Mineral occurrence & Name
- □ Claim Line & Post
- Swamp
- Stream, creek
- Grid Line & Co-ordinates

GEOLOGICAL BRANCH
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Canadian Nickel Company Limited — Copper Cliff, Ontario P0M 1N0

GEOLOGY, GRID and CLAIM COMPILATION MAP

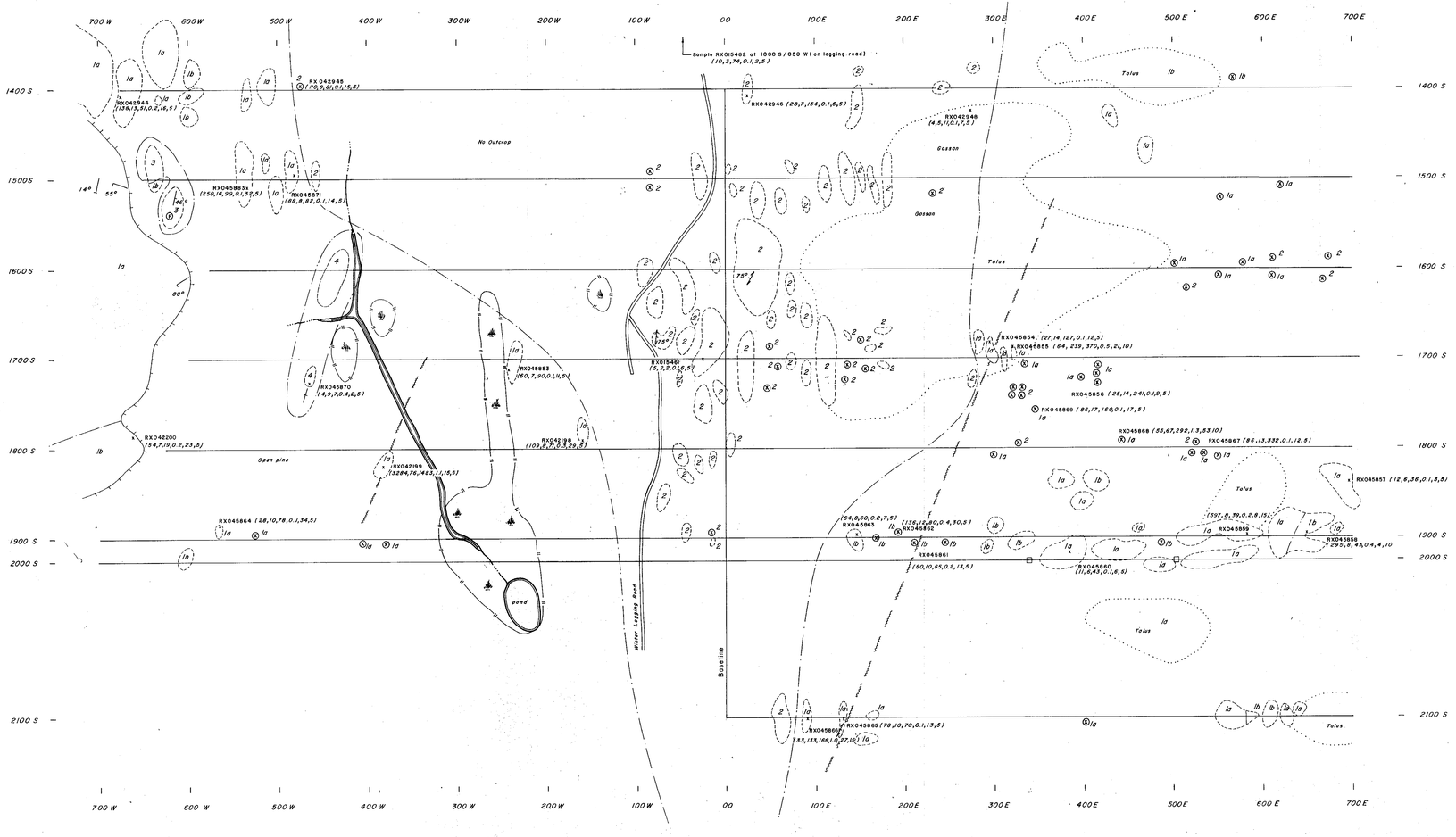
SHEET | FIGURE 1

Project: HIT 1-3, MISS CLAIMS | Area: SIMIKAMEEN MINING DIVISION B.C.

Supervisor: E.J. Debicki | Instrument: | Survey date: June, 1982

Compiled by: | Drawn by: D.W. Walsh | Date drawn: October, 1982 | Revised:

Scale: 1:5,000 (50 M) | File: | NTS. 92 H 10 E



LEGEND

902	4	Upper Triassic Nicola Group	LIMESTONE - grey, fine grained massive limestone containing carbonate stringer.
916	3	"	VOLCANIC SANDSTONE - fine to medium grained, well bedded, fossiliferous sandstone generally light to dark grey in colour.
913	2	"	ALTERED MAFIC VOLCANIC - fine grained, leucocratic volcanic which has undergone clay mineral alteration and shearing.
907	1	"	1a ANDESITE and BASALT FLOWS - medium to fine grained, light to dark green, epidote rich flows containing minor schistose zone.
			1b PLAGIOCLASE PORPHYRY

- Outcrop Area
- x RX057369 — Rock sample number and location
- Geological contact (inferred)
- Swamp boundary and symbol
- Escarpment
- Fault (approximate)
- Talus boundary
- Fossil location
- Float angular
- (109,8,71,0.3,29,5) Analytical results (Cu, Pb, Zn, Ag, As, Au) ppm ppb
- Corner claim post
- Foliation (vertical, inclined)
- Joint (inclined)
- Bedding (vertical, inclined)

GEOLOGICAL BRANCH ASSESSMENT REPORT

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Canadian Nickel Company Limited — Copper Cliff, Ontario POM 1NO

GEOLOGY AND ROCK SAMPLE LOCATION MAP

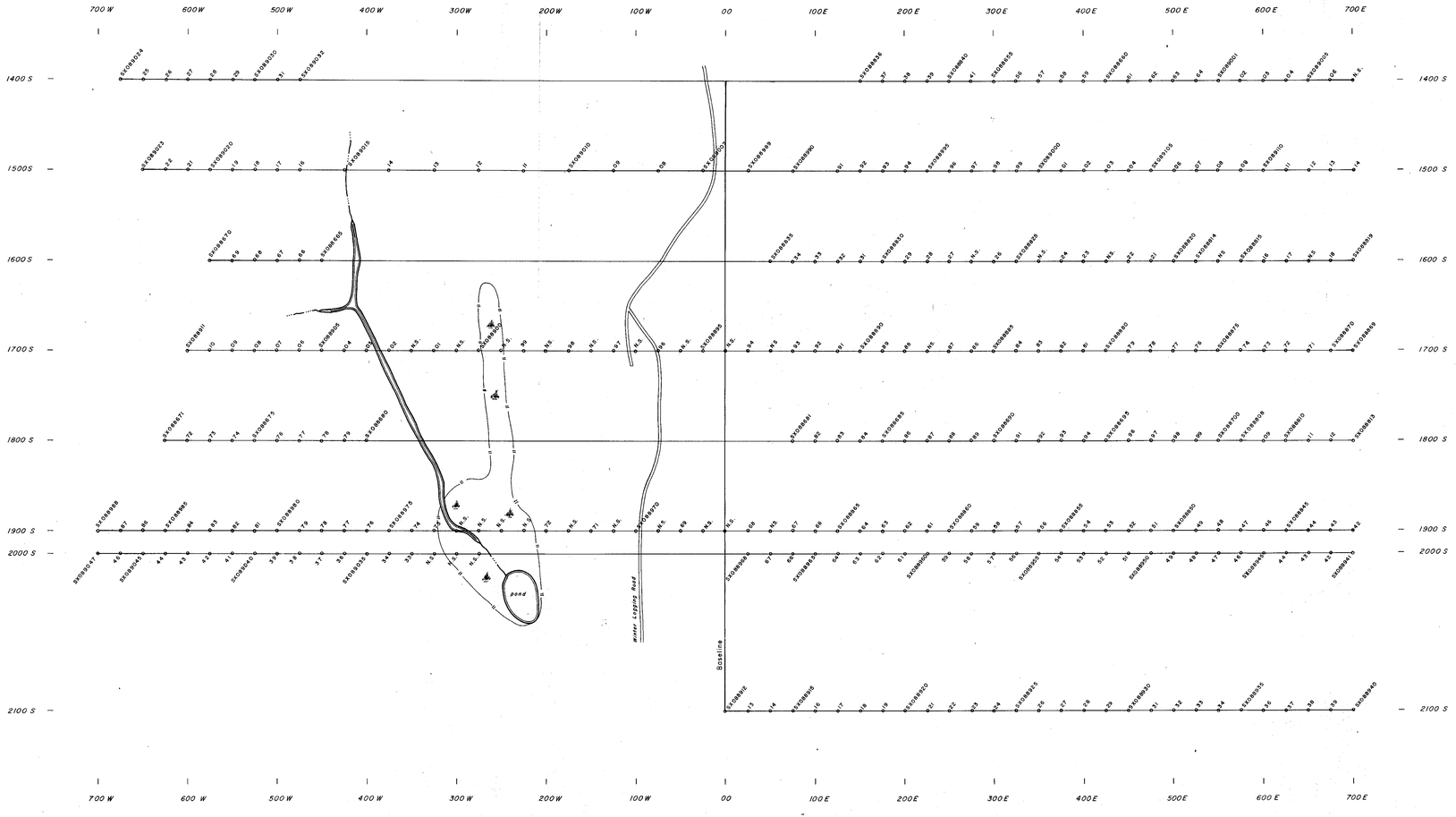
SHEET — FIGURE 2

Project: HIT 3/MISS DETAIL — Area: SIMILKAMEEN MINING DIVISION B.C.

Supervisor: E.J. Debicki — Instrument: — Survey date: June , 1982.

Compiled by: B.R. Booth — Drawn by: D.W. Walsh — Date drawn: October , 1982 — Revised:

Scale: 1 : 2500 (0 — 25M) — File: — N.T.S. 92 H 10 E



○ SXO88800 Soil sample location and number

GEOLOGICAL BRANCH
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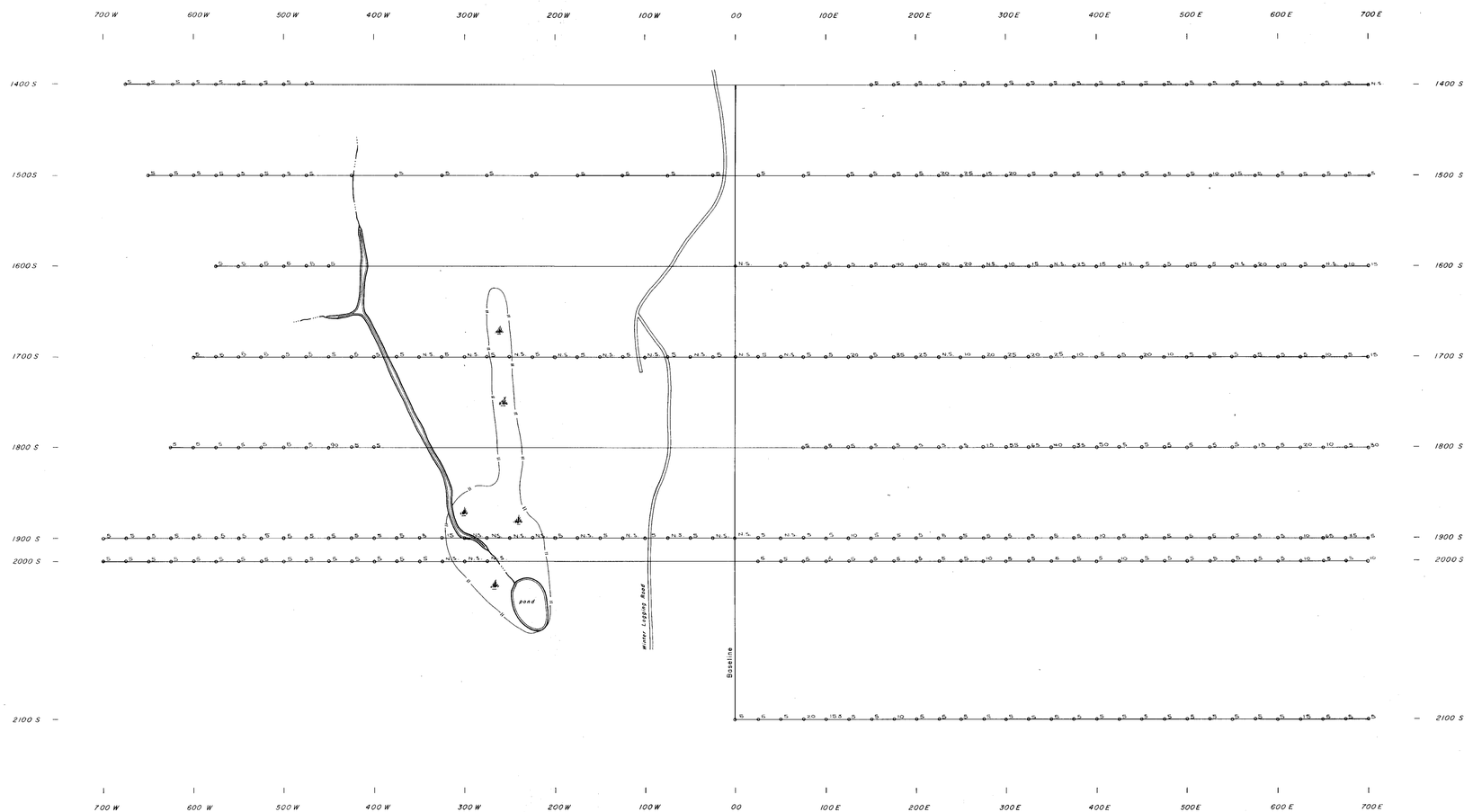
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE LOCATIONS		SHEET	FIGURE 3
Project: HIT 3 / MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:		Survey date: June , 1982.
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10 E	



0.59 Geochemical results for Au in ppb.

GEOLOGICAL BRANCH
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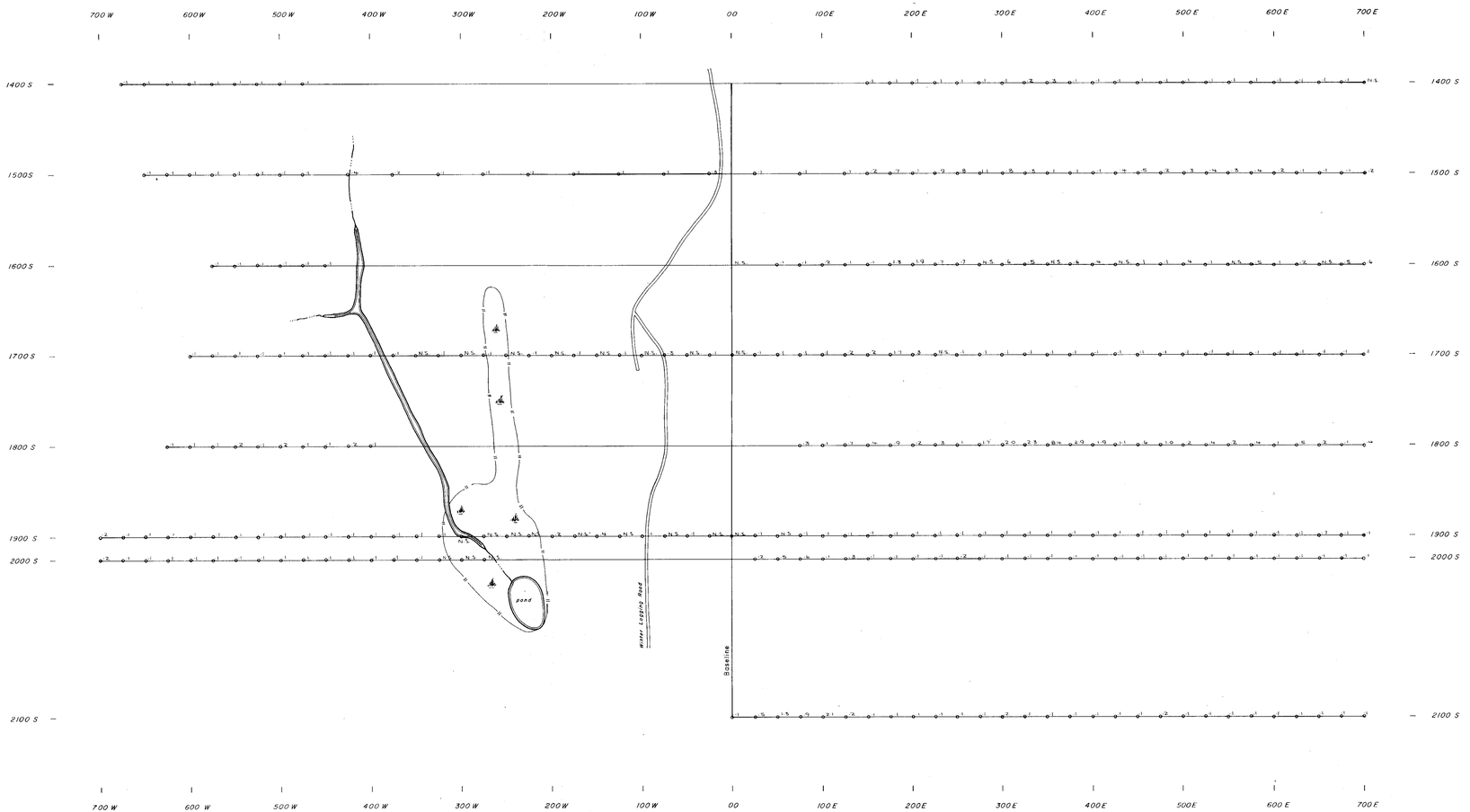
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Au (ppb)		SHEET	FIGURE 3a
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982.	
Compiled by: C. Bell	Drawn by: D.W. Walsh	Date drawn: October, 1982.	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10 E	



N

o ' Geochemical results for Ag in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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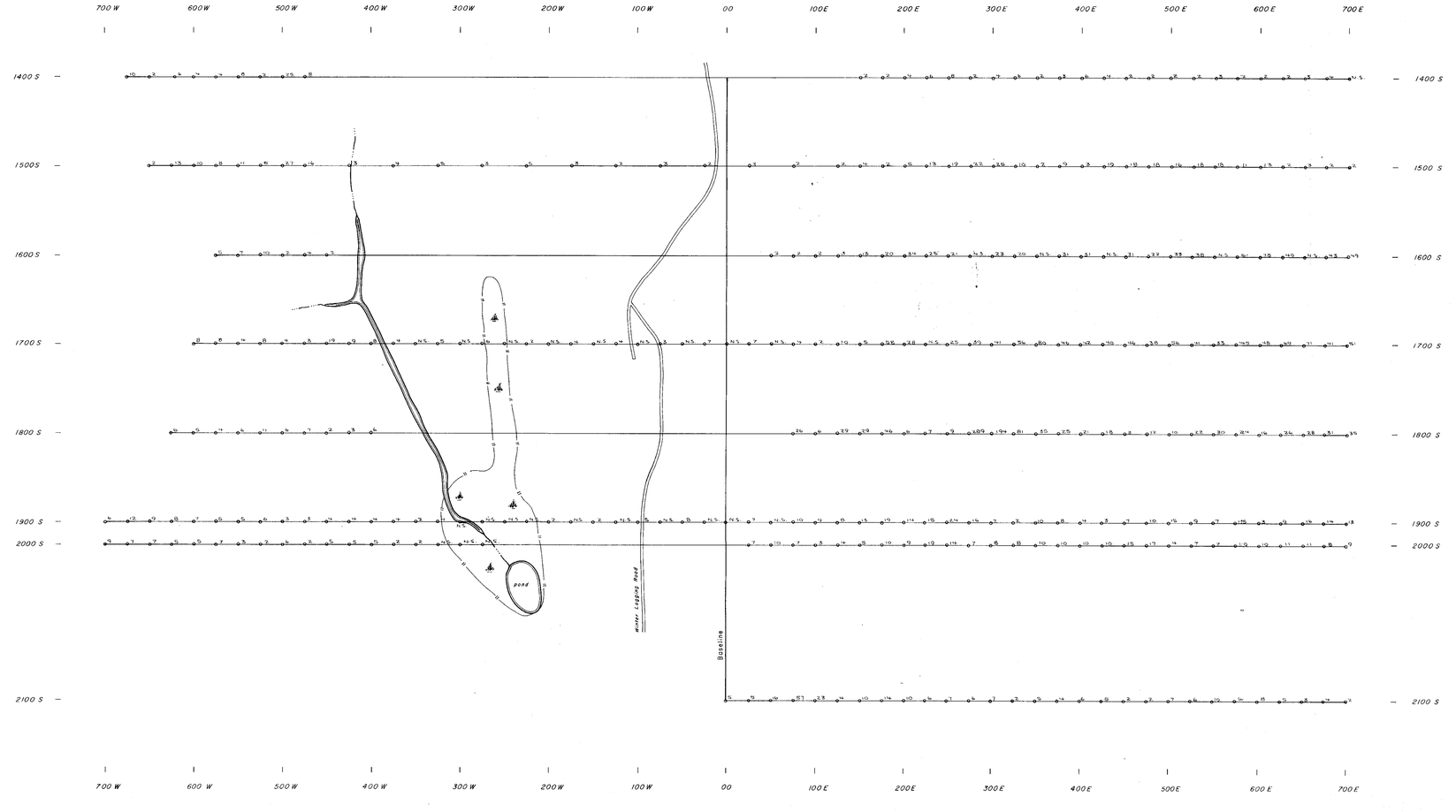
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Ag (ppm)		SHEET	FIGURE 3b
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982	
Compiled by: C. Bell	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1 : 2500 0 25M	File:	N.T.S. 92 H 10 E	



xxx Geochemical results for As in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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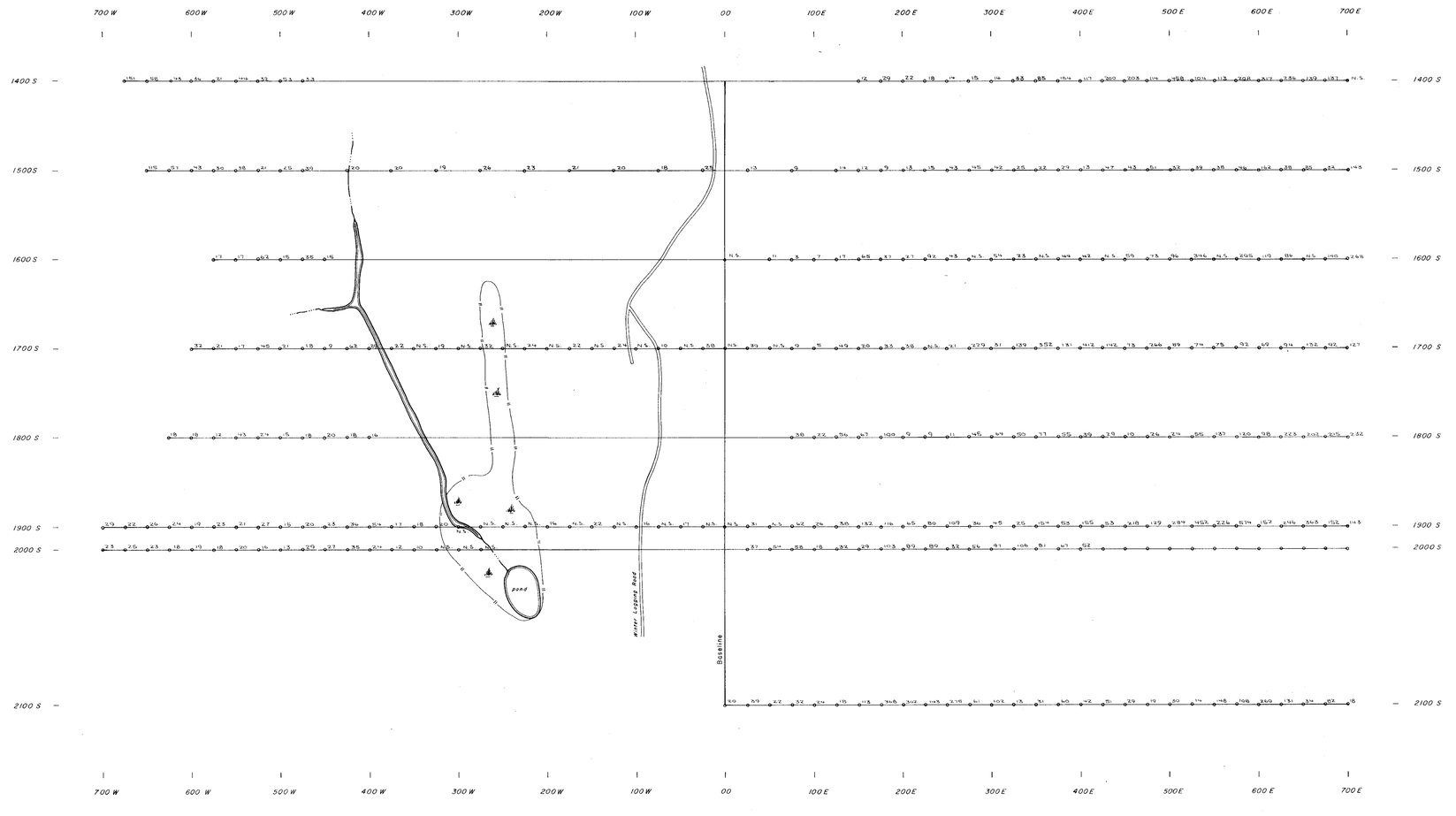
Canadian Nickel Company Limited		Copper Cliff, Ontario P0M 1N0	
SOIL SAMPLE RESULTS As (ppm)		SHEET	FIGURE 3c
Project: HIT 3/MISS DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982	
Compiled by: C. Bell	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25 M	File:	N.T.S. 92 H 10 E	



N

0 209 Geochemical results for Cu in ppm

GEOLOGICAL BRANCH
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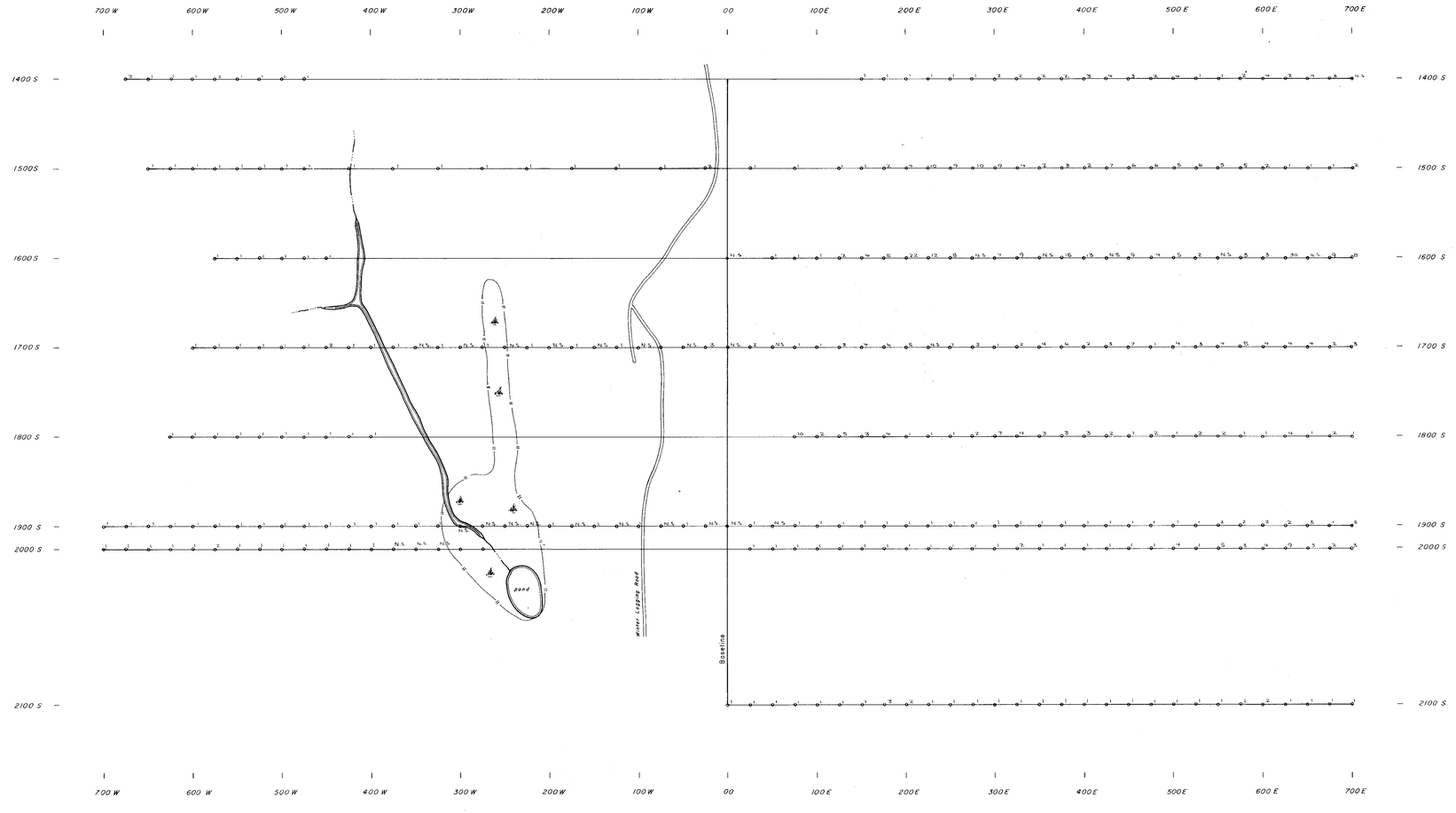
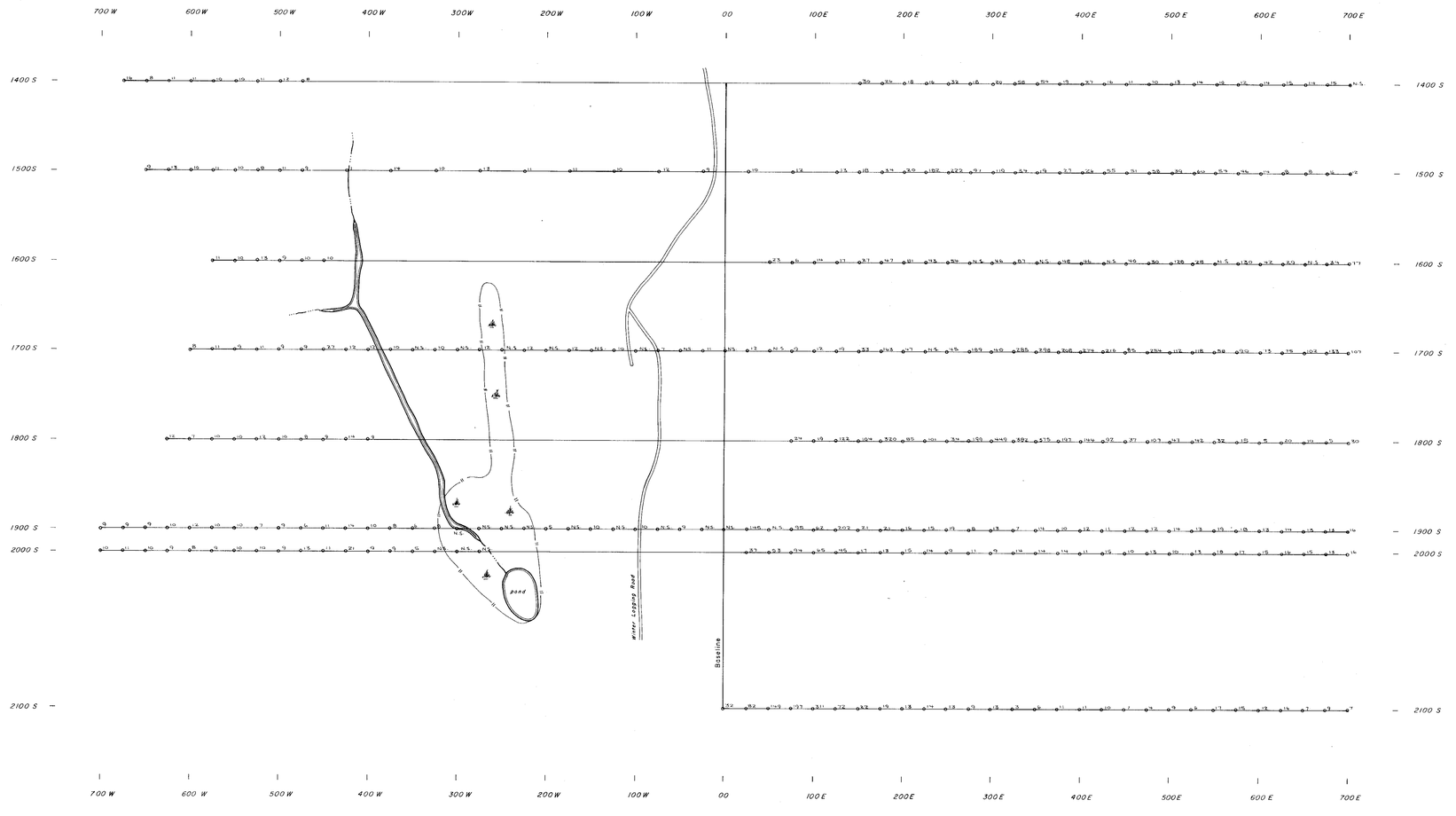
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Cu (ppm)		SHEET	FIGURE 3d
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:	Survey date: June, 1982	
Compiled by: C. Ball	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10 E	



o 14 Geochemical results for Mo in ppm

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Mo(ppm)		SHEET	FIGURE 3e
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E. J. Debicki	Instrument:	Survey date: June , 1982	
Compiled by: C. Bell	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1 : 2500 0 25M	File:	N.T.S. 92 H 10 E	



N

0.50 Geochemical results for Pb in ppm.

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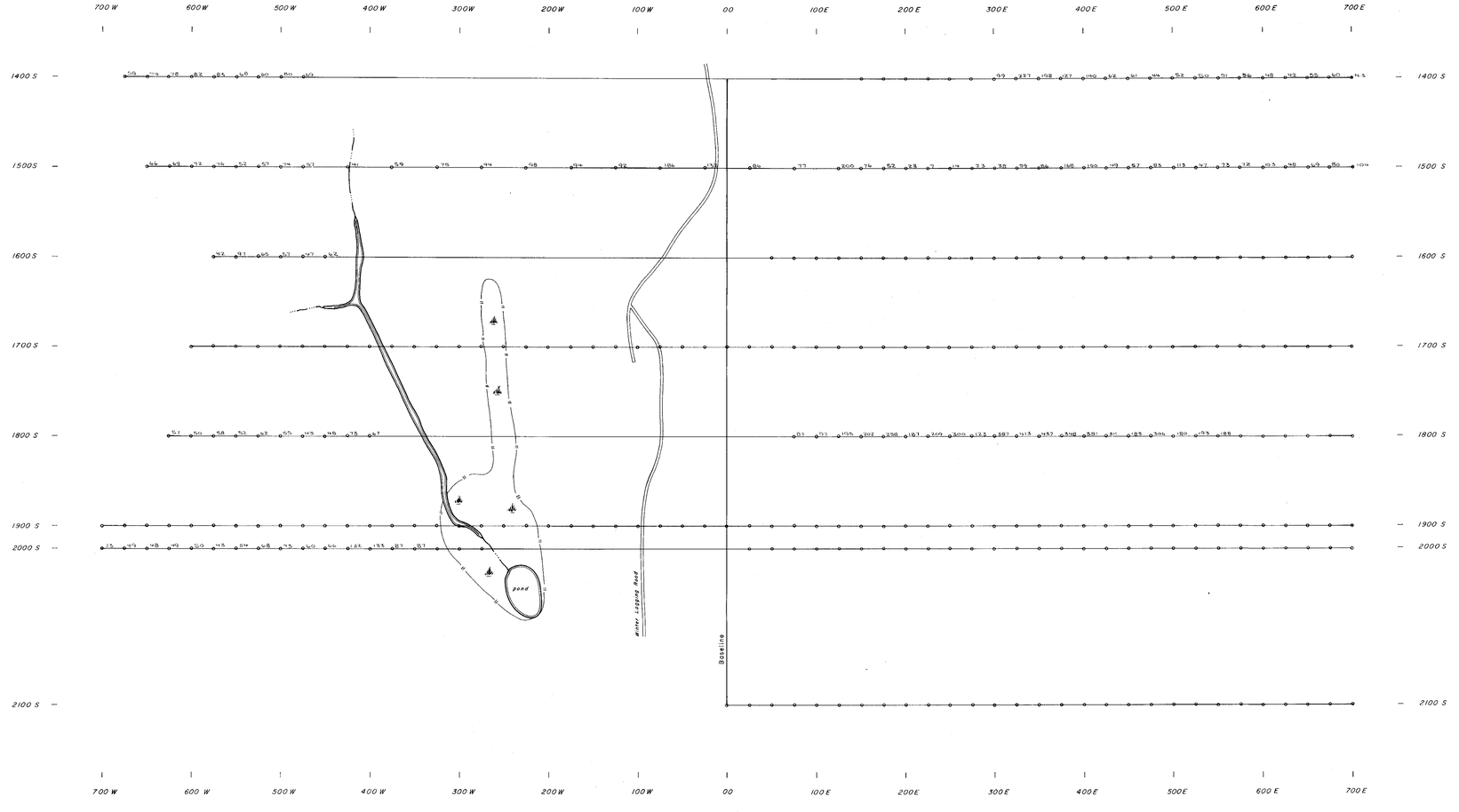
Canadian Nickel Company Limited		Copper Cliff, Ontario P0M 1N0	
SOIL SAMPLE RESULTS Pb (ppm)		SHEET	FIGURE 3f
Project: HIT 3/MISS DETAIL	Area: SIMILKAMEEN MINING DIVISION B.C.		
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982.	
Compiled by: C. Bell	Drawn by: D.W. Walsh	Date drawn: October , 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10 E	



o 100 Geochemical results for Zn in ppm.

* Not all soil samples analyzed for Zn.

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ASSESSMENT REPORT

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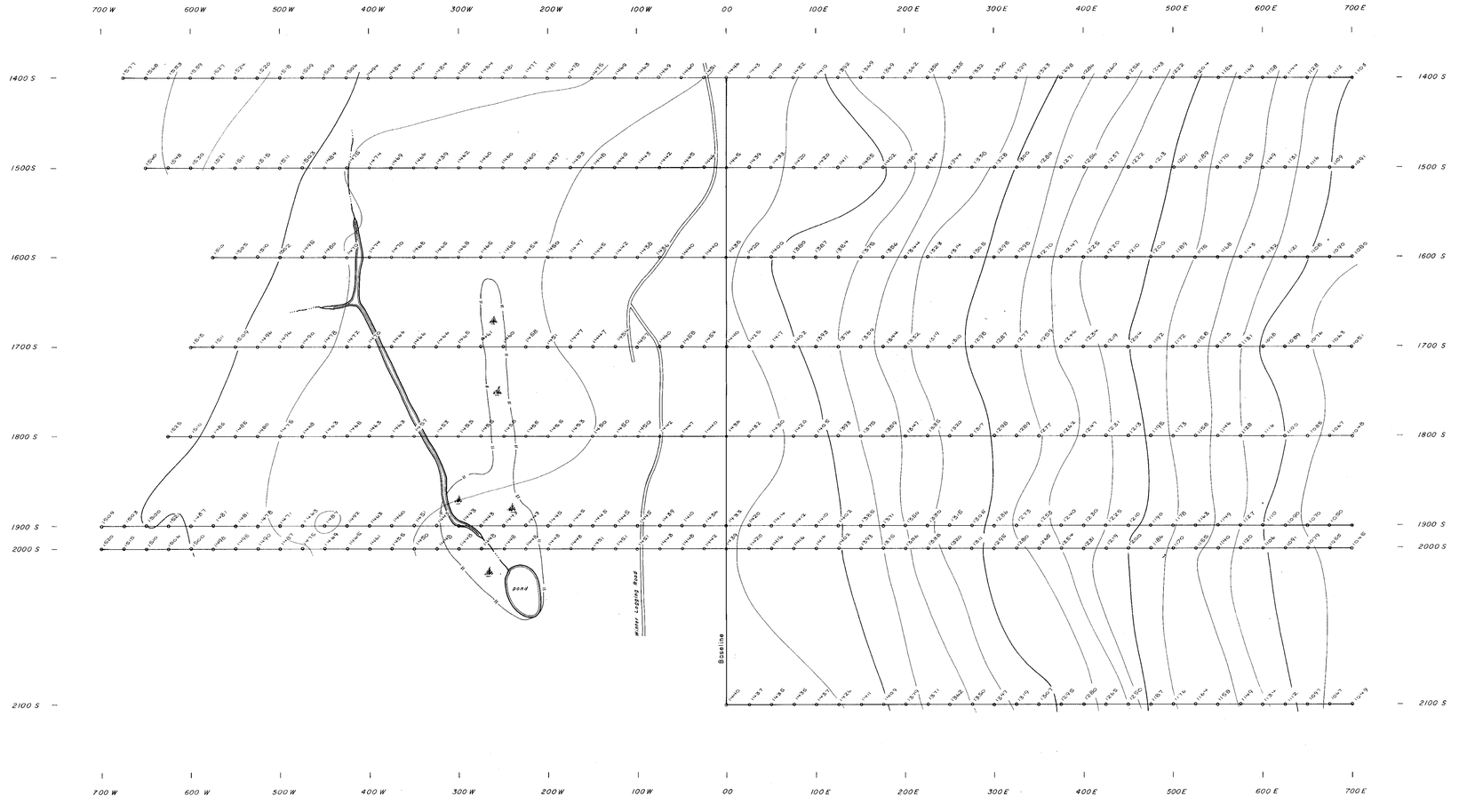
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SOIL SAMPLE RESULTS Zn (ppm)		SHEET	FIGURE 3g
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument:	Survey date: June , 1982.	
Compiled by: C. Bell	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10 E	



N

Altitude readings in meters

Contour Interval : 25 meters

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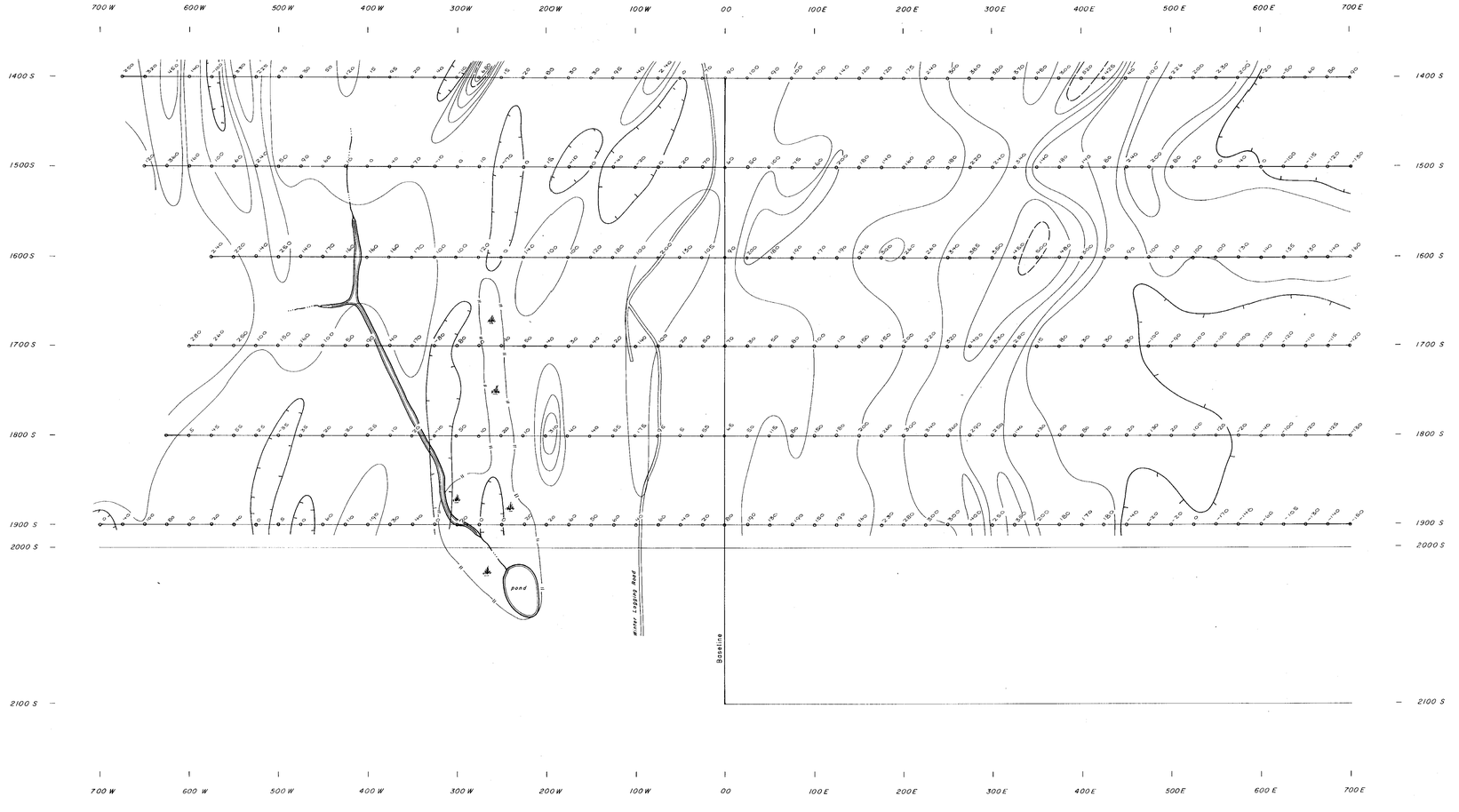
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
ALTIMETER SURVEY		SHEET	FIGURE 4
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument: Thommen 2000 Altimeter	Survey date: June , 1982	
Compiled by: R. Allum	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1 : 2500 0 25M	File	N.T.S. 92 H 10 E	



N

Magnetic readings in gammas o +35

Contour interval = 100 gammas

Isomagnetic lines 0,1000

500

100

RELATIVE LOW

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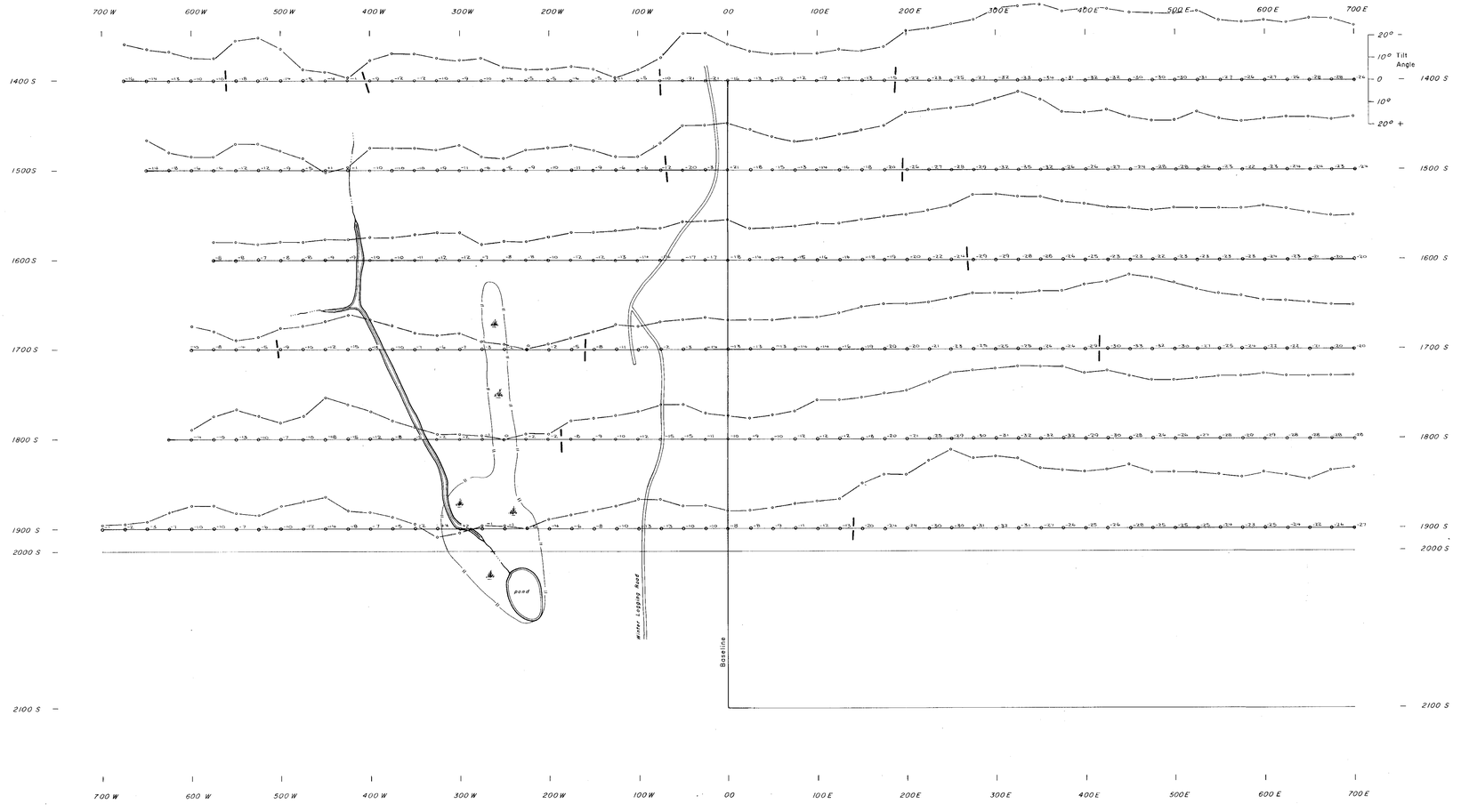
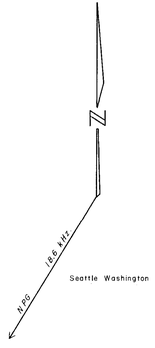
Canadian Nickel Company Limited		Copper Cliff, Ontario P0M 1N0	
MAGNETOMETER SURVEY		SHEET	FIGURE 5
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument: MFI Model 321	Survey date: June , 1982.	
Compiled by: C. Ravnaas	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1:2500 0 25M	File:	N.T.S. 92 H 10 E	





VLF Radem readings in degrees o – 51

Conductor Axis

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Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
VLF RADEM SURVEY		SHEET	FIGURE 6
Project: HIT 3/MISS DETAIL		Area: SIMILKAMEEN MINING DIVISION B.C.	
Supervisor: E.J. Debicki	Instrument: V.L.F Radem	Survey date: June , 1982.	
Compiled by: C. Ravnaas	Drawn by: D.W. Walsh	Date drawn: October, 1982	Revised:
Scale: 1 : 2500 0 25M	File:	N.T.S 92 H 10 E	