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106 D 11 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

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MINING DISTRICT: Mayo
TYPE OF WORK: Geology, Geochemistry, D.D.

REPORT FILED UNDER: NDU Resources Ltd\Pak Man Resources Inc\2001 Resource Industries Ltd

DATE PERFORMED: May 15-Sept 15, 1988

DATE FILED: Feb 15, 1989

LOCATION: LAT.: 64o 43' N

AREA: Olfert Creek

LONG.: 135o 13' W

VALUE \$: 68 700.00

CLAIM NAME & NO.: NICK 1-126 YB 2115-YB 2240
NICK 127-138 YB 2726-YB 2737

WORK DONE BY: R. Cathro

WORK DONE FOR: NDU\Pak Man\2001

DATE TO GOOD STANDING: | REMARKS: #95 NICK

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ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

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092666

(604) 688-2568

Report on
GEOLOGICAL MAPPING, GEOCHEMICAL
SAMPLING AND DIAMOND DRILLING
at the
NICK PROPERTY, YUKON



NDU RESOURCES LTD.
PAK-MAN RESOURCES INC.
2001 RESOURCE INDUSTRIES LTD.

Nick 1 -126 YB2115-YB2240
Nick 127-138 YB2726-YB2737

NTS 106D/11

Latitude 64°43'N; Longitude 135°13'W

R.J. Cathro, B.A.Sc., P.Eng.
November, 1988

Work Performed Between May 15 and September 15, 1988

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 68,700.00.

for *U. K. Baig*
Regional Manager Exploration and
Geological Services for Commissioner
of Yukon Territory.

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INTRODUCTION

This report summarizes results of geological mapping, geochemical sampling and diamond drilling carried out between May 15 and September 15, 1988 on the Nick Property by NDU Resources Ltd., Pak-Man Resources Inc. and 2001 Resource Industries Ltd.

The Nick Property hosts a previously unstaked nickel-platinum group element (PGE) showing that was staked by the Cooke Yukon Syndicate in March, 1988 and optioned to Archer, Cathro & Associates (1981) Limited in May. NDU acquired the option in June and entered into a joint venture with Pak-Man and 2001 in August.

The 1988 exploration was carried out by Archer, Cathro crews under the direct supervision of the author. Appendix I contains the Author's Statement of Qualifications, while Appendix II lists personnel who worked on the program.

HISTORY

The target was first recognized in 1977 when Geological Survey of Canada (GSC) Open File 418 reported strongly anomalous backgrounds in zinc, nickel, molybdenum, barium and uranium for reconnaissance stream sediment samples taken from creeks draining a 15 km long and 5 km wide outlier of Paleozoic shale. The Nick mineralization was discovered in 1981 by geologists employed by Cominco Ltd. while investigating the potential of this shale outlier for sedex-type zinc-lead-silver-barium mineralization. A specimen collected at that time from a sulphide layer 5 cm thick assayed 5.8% nickel, 0.8% zinc and 2.0% barium.

LOCATION AND ACCESS

The showing is located at 64°43'N and 135°13'W, within NTS claim sheet 106D/11, in the headwaters of the Hart River (see Figures 1 and 2). It lies about 12 km northwest of Hart Lake, which is suitable for float-equipped fixed-wing aircraft. Access is by helicopter from Hart Lake or the closest road at McQuesten Lake, 70 km to the south. The nearest airport and helicopter base is at Mayo, which lies 130 km to the south. Mayo is 400 km by paved highway from Whitehorse.

In 1988, helicopter support was provided by a Bell 206B on contract from Trans-North Air of Whitehorse, which was based at NDU camps on the Clark and Marg properties. Fixed-wing support was supplied by an Aerokon Ltd. float-equipped Otter operating from a temporary base at Mayo.

CLAIM STATUS

The property consists of 138 Nick claims, shown on Figure 3, that are registered in the name of Archer, Cathro & Associates (1981) Limited, with the Mayo Mining Recorder as follows:

<u>Claim Name</u>	<u>Record Numbers</u>	<u>Expiry Date*</u>
Nick 1-126	YB2115-YB2240	March 28, 1989
Nick 127-138	YB2726-YB2737	September 1, 1989

*Exploration work performed on the claims during 1988 will provide sufficient assessment work credit to extend the expiry dates of most of the claims for five years.

The Nick 127-138 claims were staked during the program to cover extensions of the favourable units. Initial examination has shown the claims are adequately staked, although insufficient surveying has been performed to confirm that no unstaked fractions are present. Most of the claim posts within walking distance of the showings have been stood up, mounded and tagged.

Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LOCATION MAP NICK PROPERTY, YUKON

NDU RESOURCES LTD.

PAK-MAN RESOURCES INC.

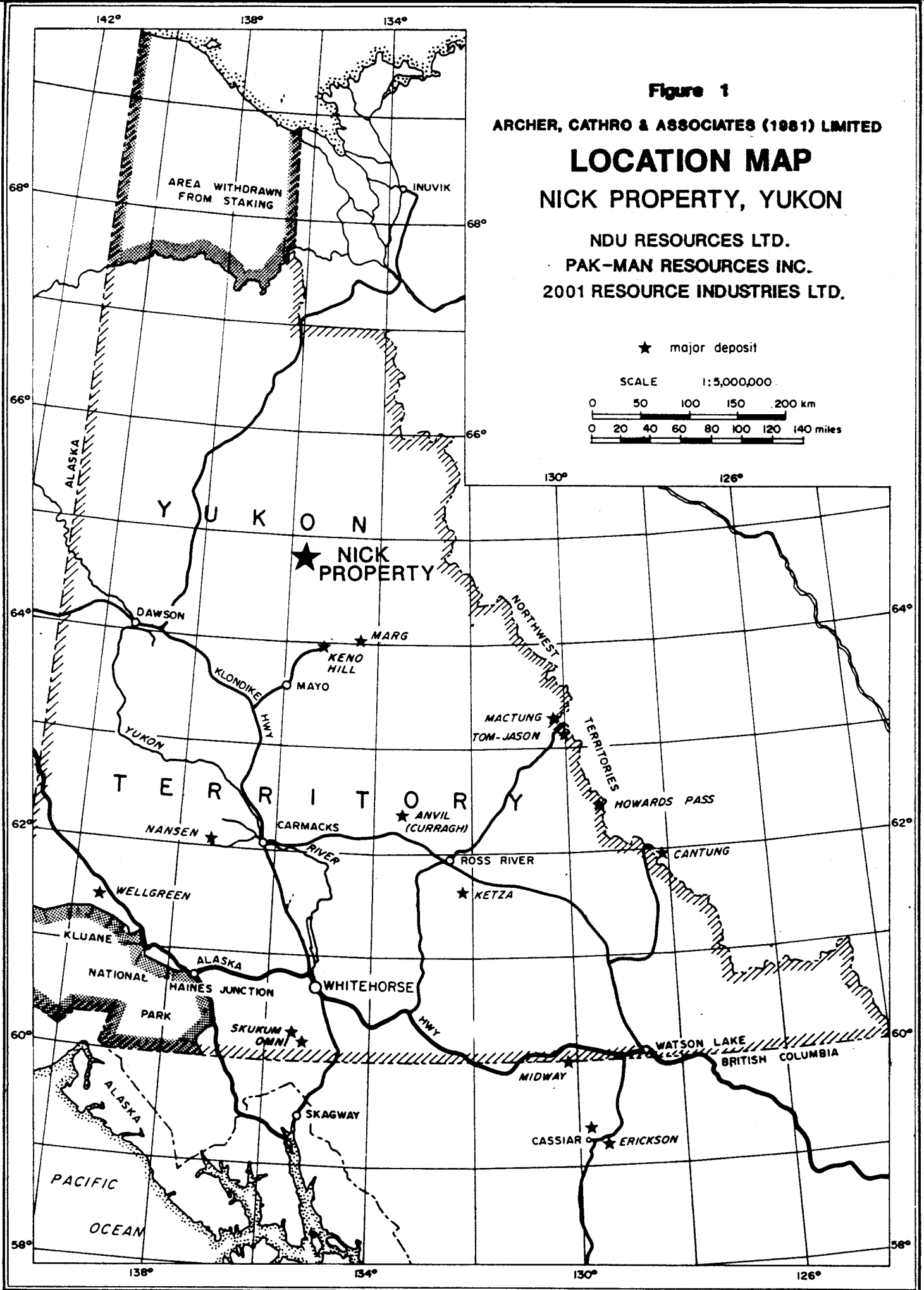
2001 RESOURCE INDUSTRIES LTD.

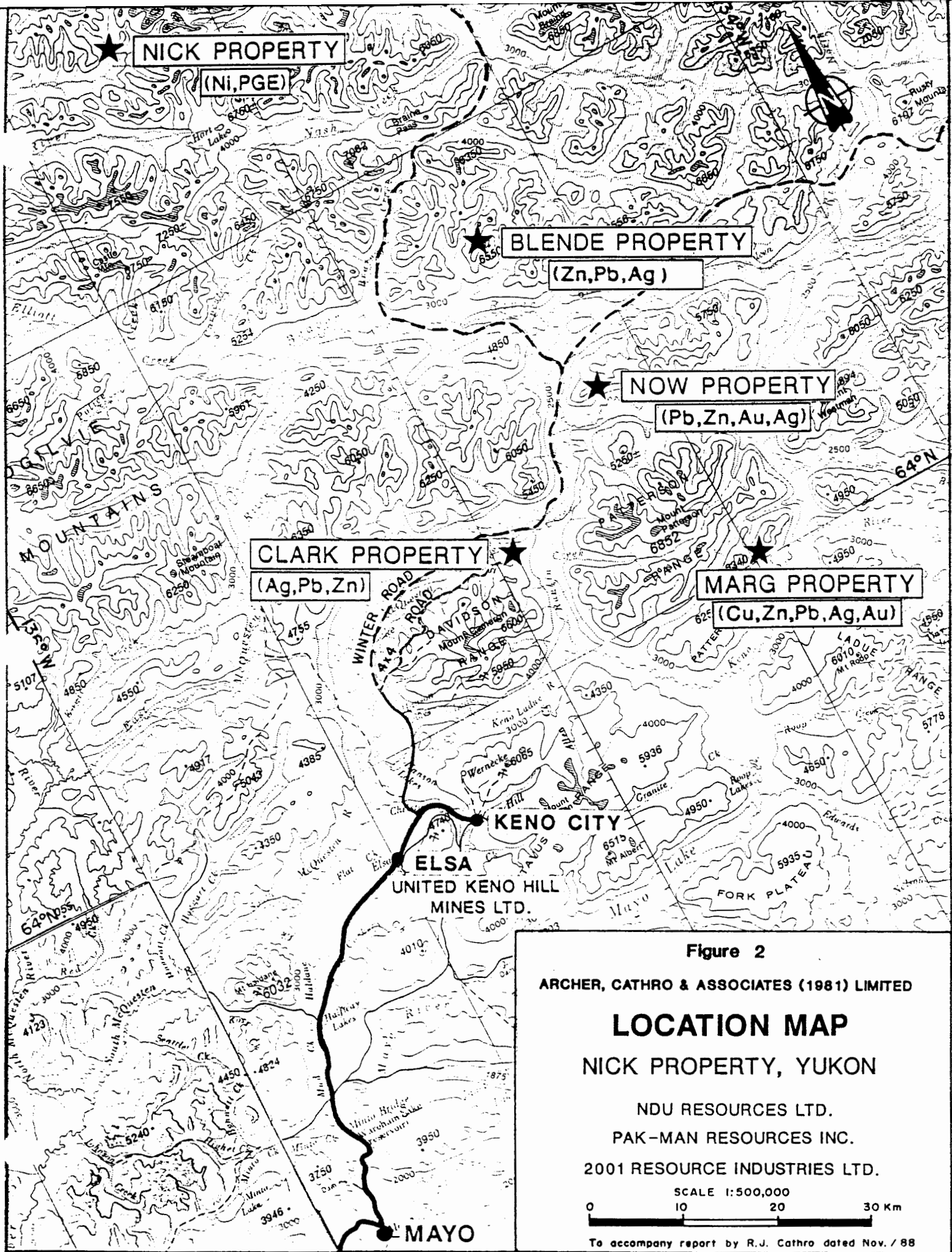
★ major deposit

SCALE 1:5,000,000

0 50 100 150 200 km

0 20 40 60 80 100 120 140 miles





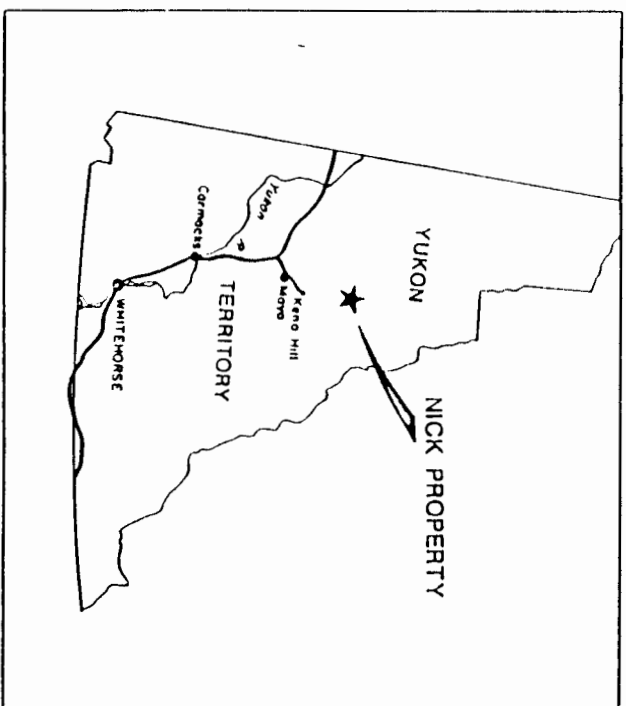
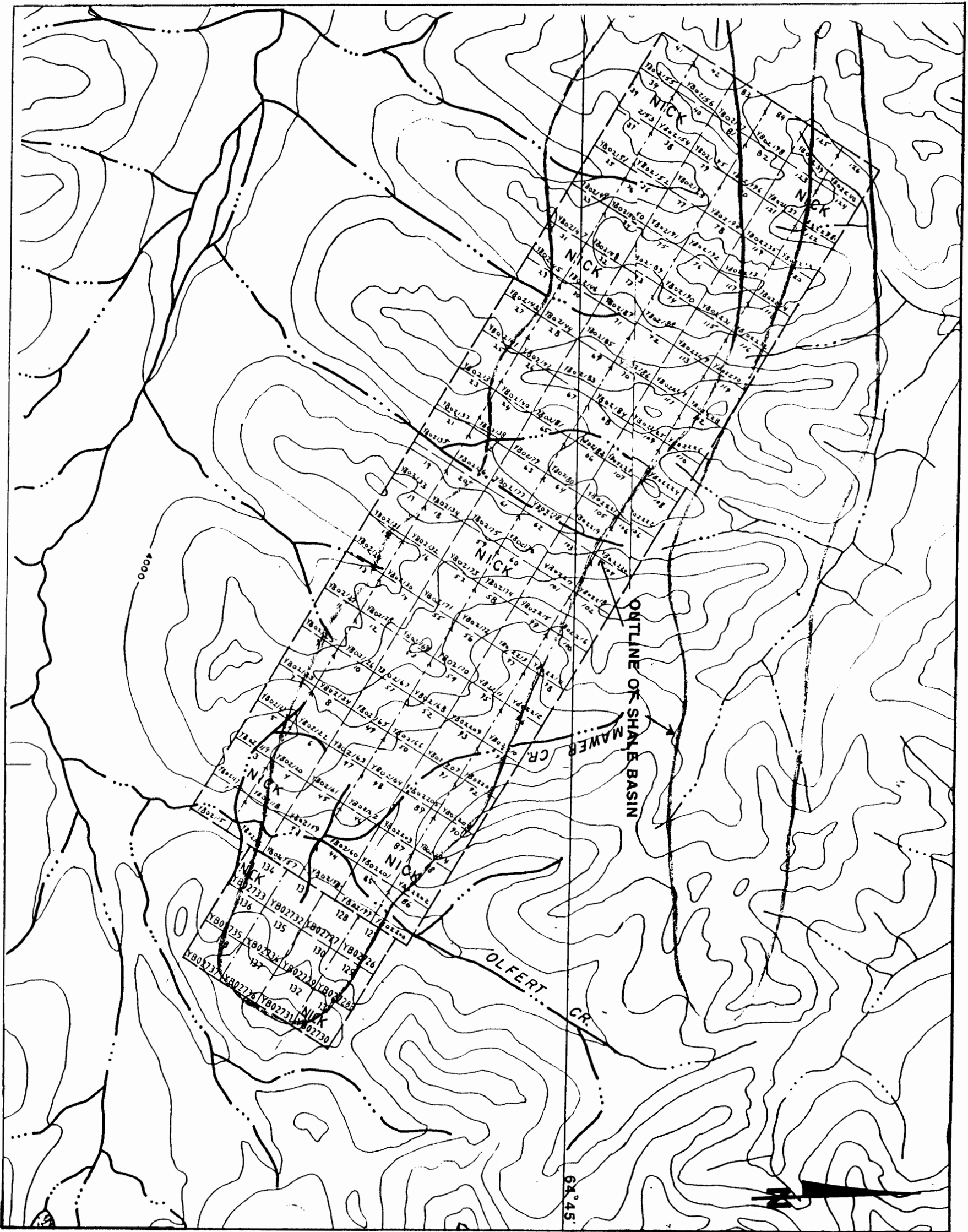


Figure 3

ARCHER, CATIRO & ASSOCIATES (1981) LIMITED
CLAIM MAP

NICK PROPERTY, YUKON

NDU RESOURCES LTD.

PAK-MAN RESOURCES LTD.

2001 RESOURCE INDUSTRIES INC.

SCALE 1:45,690



135°15'

64°45'

REGIONAL GEOLOGY

The regional geology was mapped by L.H. Green of the GSC and published as Map 1282A and Memoir 364 (Green, 1972). Figure 4 shows Green's mapping in the vicinity of the property.

The Nick claims cover most of a Devonian to Permian age synform composed of shale with minor chert and conglomerate. Green mapped one main shale belt 13 km long, plus two small outliers, one to the southeast and the other to the northeast. The shale assemblage is underlain by a thick sequence of Ordovician to Middle Devonian limestones. The oldest rocks in the area are Proterozoic sediments that unconformably contact the Paleozoic rocks to the southwest.

The shale assemblage consists of a lower unit composed of black, silvery weathering shale with minor black chert and limestone (Green's Unit 13) and an upper brownish-weathering shale with minor fine-grained conglomerates (Unit 14). These two units closely resemble sequences more recently assigned to the Lower Earn (Canol) and Upper Earn (Imperial) Formations elsewhere in Selwyn Basin. Figure 5 is a photographic view looking west across the Nick property showing the relationship of the shale and limestone units.

The Nick shale outlier represents an erosional remnant lying on carbonate rocks of the Mackenzie Platform on the continental side of Selwyn Basin. Strong regional faults mapped by Green may represent the margins of a graben in the carbonate platform that down-dropped the Nick area and preserved the overlying shale from erosion.

Aerial mapping and limited ground traversing carried out in the course of 1988 reconnaissance stream sediment sampling showed that the small shale outlier mapped by Green at the southeast end is actually an extension of the main belt, while the other small outlier mapped by Green is actually part of a second larger belt that is almost as long as the first. The outlines of the two belts are shown on Figures 3 and 10.

LEGEND

QUATERNARY

- 26 Unconsolidated glacial and alluvial deposits

CARBONIFEROUS TO PERMIAN

- 14 Black- and silvery-weathering shale; minor chert-pebble conglomerate

DEVONIAN TO CARBONIFEROUS

- 13 Black shale, chert and minor limestone

SILURIAN (?) TO MIDDLE DEVONIAN

- 12 Dark grey-weathering, black, thin-bedded, platy limestone

DEVONIAN

- 10 Light grey limestone and dolomite

ORDOVICIAN AND SILURIAN

- 9 Road River Formation: Black chert and black argillite

- 8 Grey- and buff-weathering dolomite and limestone

PROTEROZOIC

- 2 Dolomite, slate, minor phyllite and quartzite

- 1 Argillite, slate and phyllite

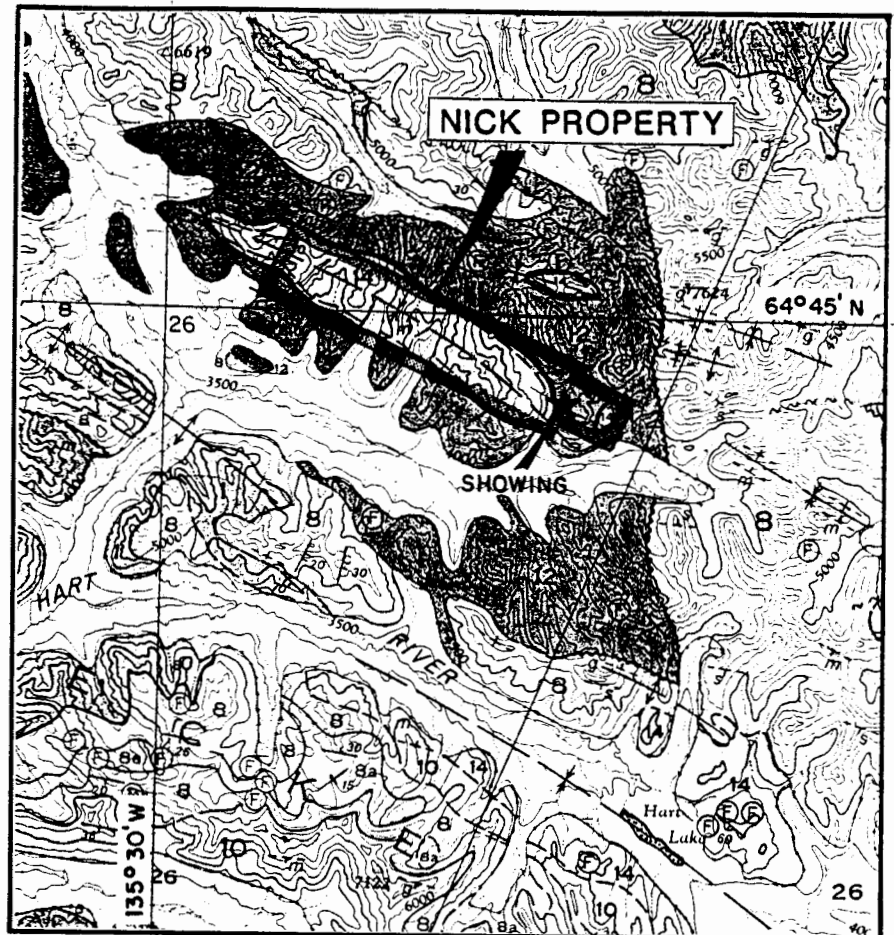


Figure 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

NICK PROPERTY, YUKON

NDU RESOURCES LTD.

PAK-MAN RESOURCES INC.

2001 RESOURCE INDUSTRIES LTD.

SCALE 1:250,000



From GSC Map 1282A and Memoir 364
by L.H. Green, 1972

To accompany a report by R.J. CATHRO dated Nov./88

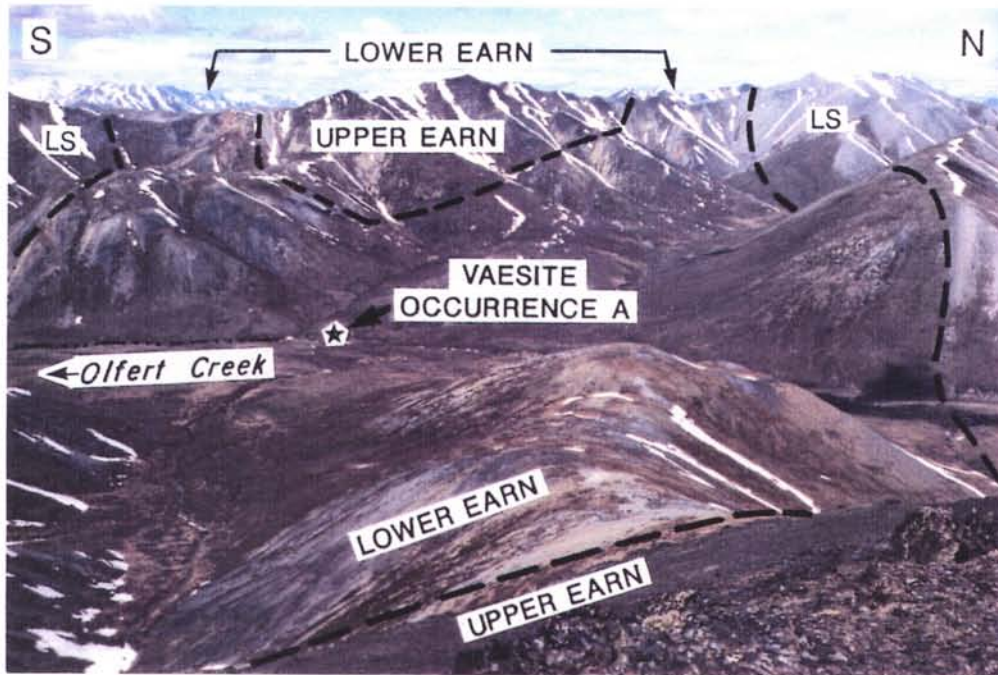


Figure 5: Photo looking west across Nick property showing shale basin bounded by limestone.



Figure 7: Photo of Vaesite Occurrence B, showing the overlying bedded black chert. The Limestone Ball Member is located at the base of the outcrop on the right slope and is barely visible. Note the limonite precipitate in the creek bed.

PROPERTY GEOLOGY

The geology near the showing is plotted on Figure 6. The Nick mineralization occurs at the base of a distinctive, thick- to medium-bedded, black chert member up to 125 m thick that occurs in the lower part of Green's Unit 13 (see Figure 7). This chert member is exposed in the banks of Olfert Creek and Mawer Creek (its main tributary from the west) for a length of 1300 m in a NW direction and a width of 900 m in a NE direction across the axis of the main synform. The chert member is overlain conformably by a silvery weathering, recessive shale member and is underlain by a conformable, thin (up to 5 m), distinctive member given the informal field name "Limestone Ball Member" (LBM) (see Figure 8).

The LBM consists of oval to round cobbles of thin-bedded, grey limestone enclosed in black, shaley chert. Individual cobbles are up to 1 m thick and 2 m long and consistently display bedding attitudes subparallel to primary layering in the enclosing beds. Although the origin of the LBM is uncertain, it may have resulted from preferential dissolution of a uniform limestone bed along strong joints. The result is a most unusual marker horizon that is easily recognizable in both outcrop and talus. Weathering results in distinctive rounded, grey cobbles that are easily differentiated from fissile shale and chert by their shape and colour. These were recognized from the air at the extreme southeast end of the claims, as well as several places northwest of Olfert Creek and in one small creek north of the head of Mawer Creek.

The LBM is underlain in turn by a thin shale sequence, a thick-bedded black limestone about 5 to 10 m thick and finally by a calcareous shale member up to 100 m thick. This lower shale, which appears to lie conformably on the underlying limestone, could actually be Silurian to Middle Devonian Road River



Figure 8: Photo of the Limestone Ball Member. Laminations in the grey limestone balls are subparallel to bedding in the black, shaley chert matrix. Rusty layer at bottom is winter overflow ice.

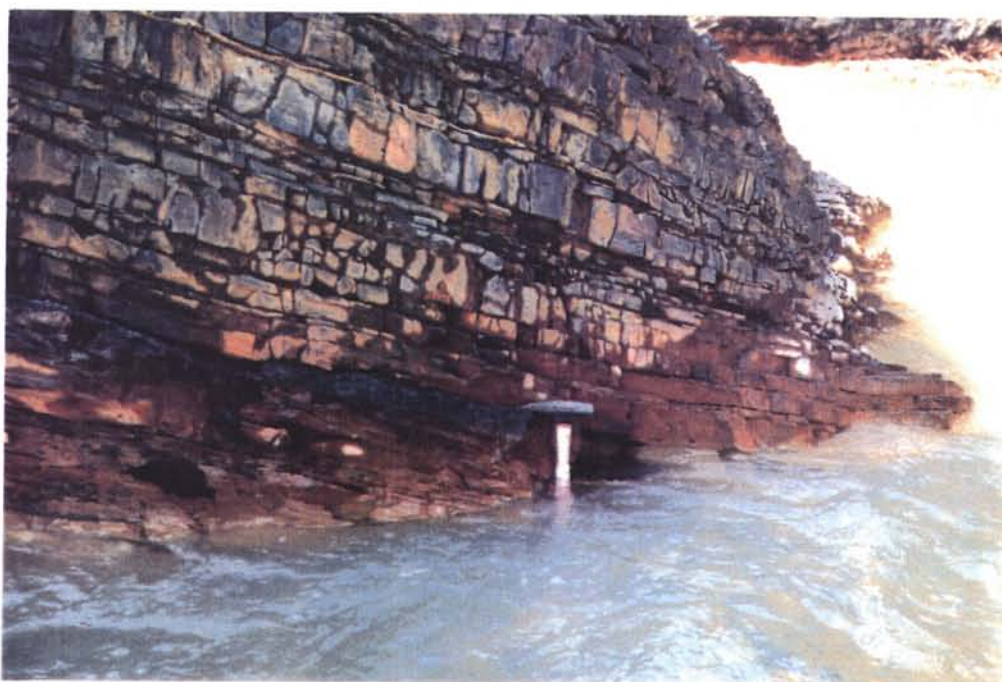


Figure 9: Photo of Vaesite Occurrence A (black layer beside rock hammer) overlain by bedded chert. Limestone Ball Member is beneath the water level. Note the milky colour of the water and the limonite precipitate on the outcrop and creek bed.

Formation (Green's Unit 10) rather than the base of the Middle Devonian to Mississippian Lower Earn (Canol) Formation (Green's Unit 13). This would also offset the age of the underlying limestone. The best evidence for a Road River age is the calcareous composition, although no diagnostic graptolite fossils have been found. Detailed mapping is needed to clarify the stratigraphic section near the showings.

MINERALIZATION

The Nick mineralization consists of a thin bed of stratiform sulphides that follows the contact between overlying black chert and underlying LBM, as shown in Figure 9. This contact relationship has been recognized at five locations in the beds of Olfert and Mawer Creeks at the southeast end of the synform. Sulphide mineralization was discovered and sampled at three of the locations but overburden cover and surface oxidation prevented sampling at the other two. The mineralization appears to oxidize quickly to limonite and is only exposed in fresh creek cuts.

At surface, the mineralized horizon varies from about 2 to 7 cm in thickness and has produced consistently high nickel assays, as follows (see Figure 6 for locations):

<u>Sample #</u>	<u>Outcrop</u>	<u>Ni (%)</u>	<u>Pt (ppb)</u>	<u>Pd (ppb)</u>	<u>Ag (ppm)</u>	<u>Au (ppm)</u>	<u>Zn (ppm)</u>	<u>Mo (ppm)</u>	<u>Ba (ppm)</u>	<u>As (ppm)</u>
Cominco (1981) (Reassay-1988 by Cooke Synd.)	A	5.8 5.5	NA 540	NA 210	NA 10.1	NA 58	8000 9586	NA 1454	20000 90	NA 1254
S9038	A	4.6	310	150	7.8	50	138	2650	3000	2990
Cominco (1981)	B	2.9	NA	NA	NA	NA	2530	NA	2800	NA
M13918	B	3.6	280	120	9.2	86	5710	1265	40	2560
S9700*	D	4.4	5	< 2	12.6	6	772	1485	60	2260

* = strongly oxidized
NA = not assayed

The high barium assay obtained by Cominco in 1981 could not be duplicated in 1988.

In 1981, Cominco geologists identified the nickel mineral vaesite in specimens from the Nick showing. Vaesite (NiS_2), which is a rare member of the pyrite group, is a grey metallic mineral with S.G. of 4.5 and a nickel content of about 47.2%. Little published data is readily available on the occurrence of vaesite but it has been reported with pyrite in dolomite at the Kasompi Mine, Zaire and in Lower Cambrian organic shales in Southern China that are enriched in molybdenum, phosphorous and vanadium.

At the Chinese locality, vaesite is present with jordisite (MoS_2), violarite (FeNi_2S_4), polydimite (Ni_3S_4), millerite (NiS) and gersdorffite (NiAsS) in microspherulites of organic matter within beds up to 5 cm thick (Fan, 1983). According to Coveney and Chan (1988), one of the Chinese occurrences, Songlin, which is situated near Zunyi, Guizhou, has been mined for molybdenum since 1985. The ore occurs in a 2 m thick horizon of black shale containing 5 to 15 cm thick, nickel- and molybdenum-rich, nodular sulphide lenses that average 2 to 4% Mo, with up to 4% Ni, 2% Zn, 0.7 ppm Au, 50 ppm Ag, 0.3 ppm Pt and 30 ppm Ir. Songlin is believed to be the only mine in the world which recovers molybdenum from black shale. Tailings are stockpiled for future recovery of nickel and precious metals.

Two typical mineralized specimens from the Nick property were studied under the microscope in September, 1988 by J.F. Harris of Vancouver Petrographics Ltd., whose report is attached as Appendix III. Harris reported that the mineralization consists of a fine-grained intergrowth of pyrite (including the variety melnikovite), vaesite and minor sphalerite in a probable matrix of carbonaceous and phosphatic chert. The sulphides form disrupted, banded concretions of spherulites and framboids, as well as disseminations,

framboids and pelley aggregates. He interpreted this as a chemical/biogenic, sulphide/chert precipitate. Occasional discrete veinlets and fragmented patches of bitumen were also noted. No specific gold, silver, molybdenum, arsenic or PGE minerals could be identified.

Narrow shale partings occurring above the vaesite bed and within the chert unit sometimes exhibit thin (up to 1.5 cm) layers of finely laminated pyrite that are easily distinguished from the vaesite horizon. Sampling has shown that these layers contain no nickel or precious metals and have a different trace element signature, which suggests they were probably derived from a separate source. A comparison between the two types of mineralization is shown below.

<u>Type of Mineralization</u>	<u>Ni (ppm)</u>	<u>Pt (ppb)</u>	<u>Pd (ppb)</u>	<u>As (ppm)</u>	<u>Ba (ppm)</u>	<u>Co (ppm)</u>	<u>Cu (ppm)</u>	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>
Vaesite Horizon	45,600	310	150	2990	10	128	65	2650	80
Pyrite Layer	36	20	<4	10	350	3	33	34	498

Specimens of Nick mineralization were collected during 1988 by Larry Hulbert of the GSC for more detailed mineralogical, chemical and isotopic study. His results are not yet available.

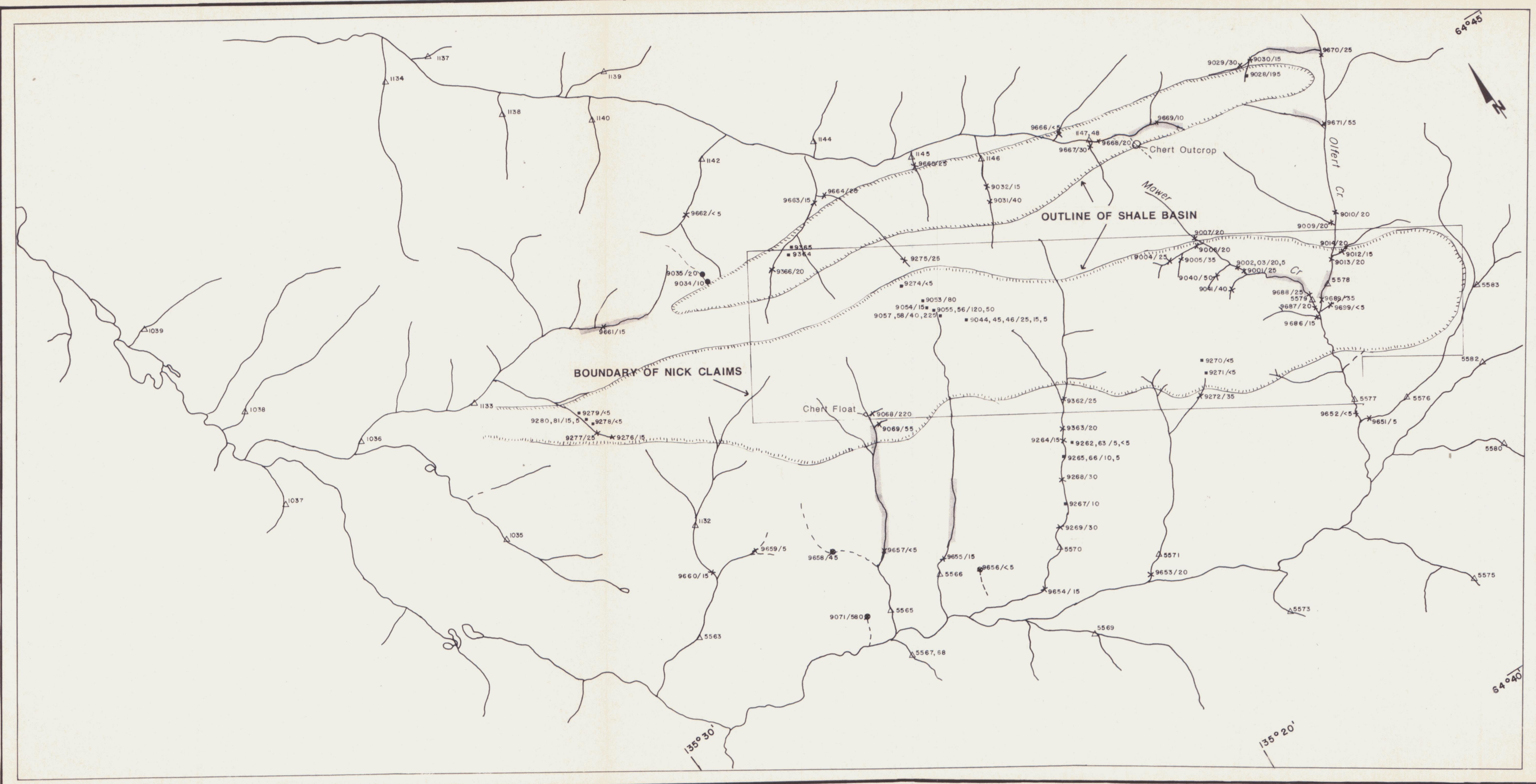
GEOCHEMISTRY

In 1988, regional stream sediment sampling was carried out on all creeks draining the shale basin and a soil grid was sampled on the west side of Olfert Creek in the vicinity of the Nick showing. A few rock samples were collected in conjunction with those surveys.

All samples were analyzed at Chemex Labs Ltd., North Vancouver, B.C. Soil and stream sediment samples were sieved to minus 80 mesh and ring pulverized to minus 100 mesh whereas rock samples were prepared for assay using a standard crushing and pulverizing procedure. Sulphide-rich rock samples were assayed for nickel and zinc using atomic absorption spectroscopy (AAS) of a nitric-perchloric digestion. Silver and gold were determined by AAS of an aqua regia digestion, and platinum and palladium were analyzed by fire assay and AAS of a one-half assay ton sample. All other samples were analyzed for thirty-two elements using the induced coupled plasma (ICP) method.

The regional stream sediment and rock sample locations are shown on Figure 10, together with the locations of the GSC stream sediment samples. Values for arsenic, which was not analyzed by the GSC, are also plotted on Figure 10. Sample locations and nickel values from the soil grid are shown on Figure 11. Results for the other elements are listed in Appendix IV while the GSC results are tabulated in Appendix V.

Regional stream sediment sampling by the GSC showed that the shale basin is strongly anomalous in nickel, zinc, molybdenum, barium and uranium. However, comparison of trace element assays from the mineralization and wallrocks suggests that geochemical sampling for these metals is not likely to be effective in locating specific vaesite occurrences because the dispersion



LEGEND

- Spring Sample
- × Silt Sample
- Soil Sample
- Rock Sample
- 9665/5 Sample Number / Arsenic Value (ppm)
- 5580 Δ G.S.C. Silt Sample
- Very Rusty Creek

Figure 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

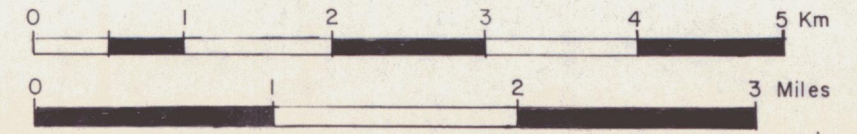
REGIONAL SILT SAMPLING

NICK PROPERTY, YUKON

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SCALE 1:50,000



To accompany a report by R-J Cathro dated Nov/88

train from a mineralized horizon will probably be masked by high backgrounds from the wallrocks. Arsenic, which is strongly anomalous in the vaesite mineralization (150 to 4000 ppm) but quite low in the wallrocks, may be a more useful pathfinder metal. Strong arsenic values were obtained from a creek draining the northwest end of the property (see Figure 10) and this creek, which contains chert float and is strongly limonitic, requires more exploration. Silt from two cold springs farther west also returned strongly anomalous arsenic values.

The soil grid covers an area of gentle topography extending northwest along strike from the showings in Olfert and Mawer Creeks. Moderately anomalous nickel values occur along the projected extension of the "D" showing (see Figures 6 and 11), which might indicate that systematic soil sampling is effective in tracing the nickel-PGE mineralization. However, the anomaly could also be caused by a high nickel background in the wallrocks because the nickel values are not supported by high values for other metals present in the vaesite mineralization.

DIAMOND DRILLING

Drilling was conducted between August 24 and September 6, utilizing a Craelius Diamec drill contracted from E. Caron Diamond Drilling Ltd. of Whitehorse. The drill was mobilized to and from Mayo by means of an Aerokon Ltd. Otter aircraft to Hart Lake and helicopter from there to the property.

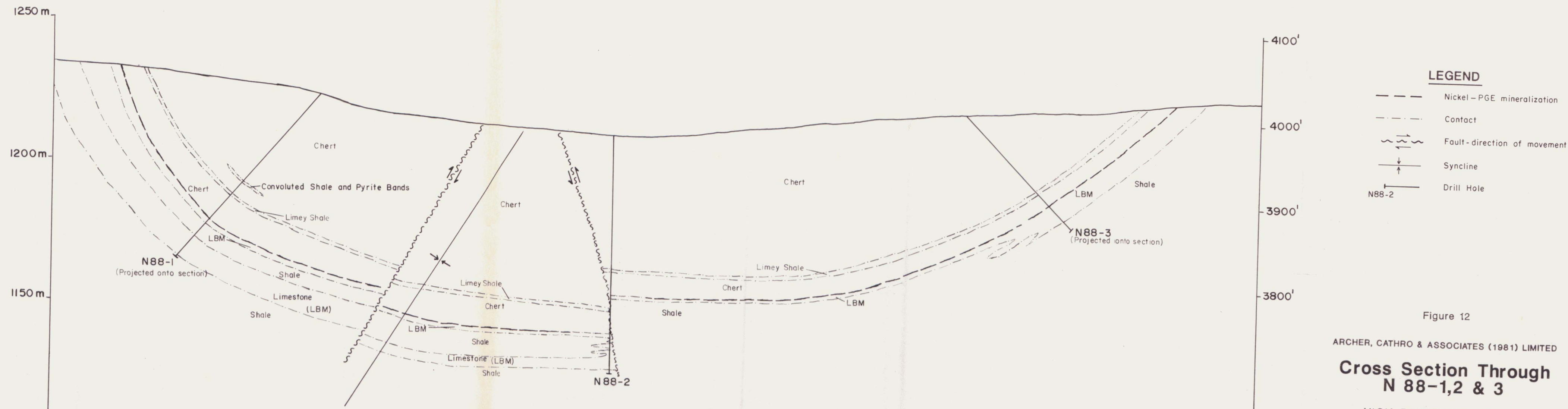
The 1988 drill holes are summarized below:

<u>Hole</u>	<u>Azimuth</u>	<u>Dip</u>	<u>Depth</u>	
			<u>(ft)</u>	<u>(m)</u>
88-1	225 °	-50 °	254	77.4
88-2	---	-90 °	280	85.3
88-3	045 °	-46 °	181	55.2
88-4	025 °	-45 °	474	144.5
			<u>1189</u>	<u>362.4</u>

The first three holes were collared in the bed of Olfert Creek to test the mineralized horizon on both limbs and the trough of the synform. The fourth hole was drilled in the bed of Mawer Creek to the northwest. The core for Holes 88-1, 88-2 and 88-3 is stored at the drill camp, while Hole 88-4 was shipped to DIAND's Bostock Core Library in Whitehorse for storage. All core samples were sent to Chemex Labs where they were assayed for nickel and PGE and geochemically analyzed for 32 other elements using induced coupled plasma (ICP).

The locations of the four drill holes and the drill camp are shown on Figure 6. Simplified drill logs and assay certificates are included as Appendices VI and VII, respectively. Figure 12 is a generalized section across the synform, which has been drawn along Olfert Creek through Holes 88-1, 88-2 and 88-3 as shown on Figure 6. A brief summary of each hole follows.

Hole 88-1 was located in Olfert Creek, 380 m below the junction with Mawer Creek, and was drilled to intersect the most southerly occurrence of the mineralized horizon and the LBM. It intersected a 10 cm vaesite horizon at a



LEGEND

- Nickel-PGE mineralization
- - - Contact
- ~ ~ ~ Fault-direction of movement
- ↑ Syncline
- ⊥ Drill Hole

Figure 12

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**Cross Section Through
N 88-1,2 & 3**

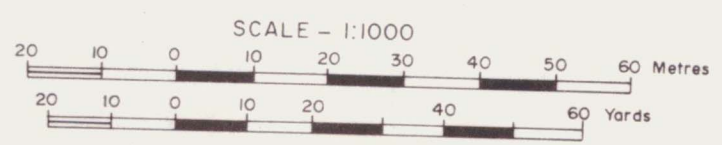
NICK PROPERTY, YUKON

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To accompany a report by R.J. Cathro dated Nov/88

depth of 59.13 m. The mineralized horizon was preceded by laminated, black chert and was followed by 20 m of limestone balls, alternating with chert and siliceous shale. The hole also intersected convoluted pyrite bands in shale from 41.2 to 42.0 m. These bands returned high nickel, zinc and arsenic values and appear to be a second mineralized horizon that was not found in any of the subsequent drill holes and has not been recognized at surface.

Hole 88-2 was located in Olfert Creek, 260 m below the junction with Mawer Creek, and was drilled to intersect the mineralized horizon in the nose of the broad syncline. It intersected laminated black chert from surface to 56.62 m and LBM from 56.62 m to 83 m but was unmineralized. The LBM was interbedded with siliceous shale and brecciated chert. The absence of the mineralization is attributed to the presence of a small fault that presumably cut it out at this location.

Hole 88-3 was drilled to test the Discovery Showing at depth. It was located in Olfert Creek, 160 m below the junction with Mawer Creek, and intersected a 2.5 cm vaesite layer at 43.20 m. This was preceded by laminated black chert and followed by 8 m of LBM that is underlain by a calcareous shale unit.

Hole 88-4 was collared in Mawer Creek, 1600 m above the junction with Olfert Creek, and was drilled to determine if the vaesite horizon continued to the west. It did not intersect the vaesite horizon but did intersect the LBM between 140 m and the end of the hole. Laminated cherts, brecciated cherts and siliceous shales were found from surface to 140 m. It is uncertain whether the vaesite horizon was faulted off in this hole or if the horizon simply pinches out in this direction.

The vaesite horizon intersected in the drill holes varies from 2.5 to 10 cm in thickness and is identical in mineralogy and stratigraphic setting to the surface exposures. Assay results from the mineralized intercepts are tabulated below.

<u>Hole</u>	<u>From</u> <u>(m)</u>	<u>To</u> <u>(m)</u>	<u>Ni</u> <u>(%)</u>	<u>Pt</u> <u>(ppb)</u>	<u>Pd</u> <u>(ppb)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Mo</u> <u>(ppm)</u>	<u>As</u> <u>(ppm)</u>
88-1	41.35 59.13	41.42 59.23	0.37 2.90	137 70	35 70	4.2 6.8	3032 6590	123 1570	150 1985
88-3	43.50	43.53	5.00	480	170	12.2	10040	3920	3930

SUMMARY AND CONCLUSIONS

The Nick property, located 130 km northeast of Mayo, Yukon, hosts a newly discovered and highly unusual type of stratiform, shale-hosted nickel-platinum mineralization. The only similar mineralization reported in the geological literature occurs in Southern China, where the Songlin Mine is recovering molybdenum from black shale and stockpiling nickel and precious metals for future recovery.

The Nick mineralization is present in an erosional outlier of Selwyn Basin that is surrounded by carbonate rocks of the Mackenzie Platform. The mineralized horizon lies at the transition between underlying calcareous shales and overlying chert and non-calcareous shale and is associated with a distinctive marker horizon, the Limestone Ball Member, that has been seen as float at several places on the property. The mineralization is composed of vaesite (NiS_2), pyrite, minor sphalerite and a trace bitumen. It occurs as disrupted, banded concretions of spherulites and framboids, disseminations and pelley aggregates up to 10 cm thick. Soft sediment slumping or dewatering of a chemical/biogenic precipitate have been suggested to explain the sulphide textures.

The Nick mineralization grades up to 5% nickel and is associated with a distinctive suite of trace metals, in particular: platinum (up to 540 ppb), palladium (210 ppb), silver (12.6 ppm), gold (86 ppb), zinc (9600 ppm), molybdenum (2650 ppm), arsenic (2990 ppm) and barium (3000 ppm). No molybdenum, arsenic or precious metal minerals have been recognized. At current metal prices, Nick mineralization grading 3 to 5% Ni has a gross value of more than \$500 (Can.) per tonne, which is roughly equivalent to a gold grade

of about 30 g/t. Finely laminated pyrite that occurs slightly higher in the section produced near background values in those metals but has a weakly anomalous lead content, suggesting a separate origin.

Stream sediment samples collected from creeks draining the Nick shale basin returned strongly anomalous zinc, nickel, molybdenum, barium and uranium values, which is typical for black shales throughout Selwyn Basin. Most of the metal dispersed in the creeks is apparently derived from anomalous background levels in the wallrocks rather than from the thin mineralized horizons. Preliminary work suggests that arsenic could be a more useful pathfinder metal in geochemical exploration for vaesite mineralization.

Nickel and PGE minerals are normally associated with magmatic fluids and ultramafic rocks derived from the mantle. No ultramafic rocks or nickel-PGE concentrations have been reported within 100 km of the Nick property and no intrusive or extrusive rocks outcrop within 25 km. Thus, the source of the metals in this occurrence is enigmatic.

Except for its metal assemblage, the Nick mineralization displays all of the major features of sedimentary-exhalative (sedex) mineralization, which is common in rocks of similar age and composition throughout Selwyn Basin in Yukon, Northern B.C. and Alaska. Sedex mineralization in Selwyn Basin is typically composed of sphalerite, galena, barite and pyrite. Sedex deposits are generally considered to be formed by the precipitation of metals in seafloor brines from hot springs at hydrothermal discharge sites along fracture zones. The metals are leached from underlying sedimentary rocks by hot fluids driven by convective heat-cells. The Nick occurrence could represent exhalative nickel-PGE mineralization derived by the leaching of nickel-rich

organic sediments or ultramafic rocks that underlie the property but are not exposed. However, this interpretation contradicts accepted wisdom on the geochemistry of nickel and genesis of nickel sulphide deposits.

Sedex mineralization is typically thickest and richest near the vent and often shows remarkable lateral continuity, gradually wedging out into thin mineralized beds in the more distal portions. Without more research and exploration, it is impossible to determine if the Nick mineralization represents the distal edge of a thicker deposit. However, the sedex model provides ample encouragement for continuing with exploration of the large Nick property to determine if a thicker portion related to a vent can be found.

RECOMMENDATIONS

Preliminary mapping, geochemical sampling and drilling in 1988 have confirmed that the vaesite mineralization on the Nick property is sedex-type, and that it occurs at an easily recognized sedimentary horizon and extends over horizontal distances of more than one kilometre. Unfortunately, the four short holes drilled in 1988 have failed to indicate in which direction the mineralization may thicken to commercial size.

Detailed stratigraphic and structural mapping and chemical and isotopic studies of sulphides, ore fluids and wallrocks are required to determine the origin, geometry and source of the Nick mineralization. In addition, metallurgical testing is needed to determine if a vaesite concentrate can be produced and marketed and whether any of the other metals in the mineralization are recoverable with the nickel. Federal, territorial and university researchers should be encouraged to work on this intriguing problem prior to conducting more drilling.

By fulfilling the remaining option terms, NDU, Pak-Man and 2001 will acquire 100% interest in the claims, subject to a NSR interest in favour of the stakers. Work credits from the 1988 drilling will extend the expiry for most of the claims to 1994 dates, providing ample time to carry out this research and identify new drill targets.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



R.J. Cathro, B.A.Sc., P.Eng.

/mc

REFERENCES

- Coveney, Raymond M. Jr. and Chen, Nansheng (1988): Nickel- and Molybdenum-Rich Black Shales of Southern China: A new ore type with possible analogues in the Pennsylvanian of the U.S.A., unpublished abstract
- Delian, Fan (1983): Polyelements in the Lower Cambrian Black Shale Series in Southern China in The Significance of Trace Elements in Solving Petrogenetic Problems and Controversies, S.S. Augustithis, ed., Theophrastus Publications, S.A., Athens pp.447-474
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- Green, L.H. (1972): Geology of Nash Creek, Larsen Creek and Dawson Map Areas, Yukon, Geological Survey of Canada, Memoir 354

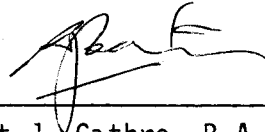
APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert J. Cathro, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia, and residential address in West Vancouver, British Columbia, do hereby declare:

1. I am a 1959 graduate of the University of British Columbia in geological engineering.
2. I have been engaged in geological engineering for over 25 years, of which the past 20 have been as a consultant.
3. I am a registered professional engineer in British Columbia and in Yukon Territory.
4. I have supervised the work described in this report.



Robert J. Cathro, B.A.Sc., P.Eng.

APPENDIX II
LIST OF PERSONNEL

LIST OF PERSONNEL

<u>NAME</u>	<u>POSITION</u>	<u>DATES AT NICK PROPERTY</u>
Bob Cathro	Project Manager	May 28-28, June 2-4, July 26, Aug. 7, 17, Sept. 2
Doug Eaton	Senior Geologist	May 28
Rob Carne	Senior Geologist	July 26
Ian Talbot	Geologist	May 28-29, June 2-4, Aug. 29-31
Farrell Anderson	Geologist	Sept. 2-12
Mary MacLellan	Geologist	Aug. 7-8, 17, 21-28
Lasha Cymbalisty	Sampler	May 29, June 3-4
Mike Gazetas	Sampler	May 29, June 3-4, Aug. 8-9
Pete Radler	Sampler	June 3-4
Bill Wengzynowski	Sampler/Prospector	June 2-4
John Nemes	Driller	Aug. 23 - Sept. 7
Paul Short	Driller	Aug. 23 - Sept. 7
Nick Skare	Driller	Aug. 23 - Sept. 7
Bob Duramleau	Driller	Aug. 23 - Sept. 7
Kon Caron	Mechanic	Aug. 31 - Sept. 1
Clair Armstrong	Cook	Aug. 21 - Sept. 7
Dave Reid	Pilot	
Spring Harrison	Pilot	

APPENDIX III
PETROGRAPHIC REPORT
BY J.F. HARRIS
SEPTEMBER 18, 1988



Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist
A.L. LITTLEJOHN, M.Sc. Geologist
JEFF HARRIS, Ph.D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1J0

PHONE (604) 888-1323

Report for: R.J. Cathro,
Archer Cathro & Assoc. Ltd.,
Box 4127,
3125 Third Avenue,
WHITEHORSE, Y.T.
Y1A 3S9

Invoice 7578

September 19th, 1988

Nick Property: The samples from the Nick Property are mineralogically and texturally unusual.

They consist of pyrite, vaesite (the Ni end-member of the bravoite series) and minor sphalerite in minutely fine-grained, intimate intergrowth in a matrix of probable carbonaceous, phosphatic chert.

The sulfides form disrupted, banded concentrations of spherulites and framboids, in which the maximum size of relatively pure segregations of the Ni and/or Zn minerals is 100 microns, and the great majority is intimately intergrown with pyrite and gangue on a scale of 1 - 30 microns. Mineral separation by conventional means will not be possible.

This material appears to represent a chemical/biogenic sulfide/chert precipitate in an essentially original state i.e. without the recrystallization, and resultant segregation and coarsening, which has occurred to produce massive sulfide deposits of more familiar type.

No specific source of Au or Pt metals could be identified. Material of this type sometimes contains unusually high levels of Se; this should be checked.

The accompany photomicrographs illustrate typical textural features of the various samples. Individual petrographic descriptions are attached.

J.F. Harris Ph.D.

(phone: (604) 929-5867)

Nick Property: Outcrop. Samples A-1 and A-2

Estimated mode

Chert	3
Carbonaceous phosphatic chert(?)	36
Bitumen	1
Pyrite	46
Melnikovite	2
Vaesite	10
Sphalerite	2

These two samples are essentially identical in their mineralogy and the range of textures observable. They are therefore described jointly.

This is a minutely fine-grained, sulfide-rich rock in which identification of the components is difficult, as is verbal description of the striking and varied textures. These are best illustrated by the accompanying photomicrographs (q.v.). The identities of the minerals present were confirmed by scanning electron microprobe analyses.

The sulfides form minute disseminations, framboids and pelley aggregates in a silicate matrix, grading to compact, sub-colloform bands and irregular masses. Macroscopically the impression is of a disrupted (possibly slumped?) melange of delicately varved, probably colloidal, chemically precipitated sulfide sediment.

The majority of the gangue matrix (of low reflectivity) is opaque to transmitted light. Occasional patches are transparent and appear to consist of minutely microgranular, cherty quartz.

The opacity of the majority of the gangue may be due to a dense, sub-microscopic dispersion of carbonaceous material and/or sulfides in chert. This material gave peaks for Si, S, Ca and P under the SEM, suggesting that it is also strongly phosphatic (containing cryptocrystalline apatite?)

Occasional discrete veinlets and fragmented patches of brown, moderately reflective material having the distinctive appearance of bitumen, were confirmed by SEM/XRF (yielding no signal: i.e. carbon \pm other light elements).

The nickel mineral was confirmed by SEM as a simple nickel sulfide and has the optical properties of vaesite,

It occurs mainly in intimate intergrowth, on the scale 5 - 20 microns, in various proportions with compact, minutely fine-grained, gel-type pyrite. Darker, brownish wisps and bands in the latter are distinguished as melnikovite, but are compositionally identical (SEM) to the better polished, normal-coloured pyrite.

Nick Property cont.

The highest degree of segregation shown by the vaesite is as streaks and lines of clumps up to 100 microns in size. Even these generally contain more or less abundant minute inclusions of pyrite, gangue or sphalerite.

The pyrite forms compact bands made up of coalescent, minute spherulites. No euhedral, crystalline pyrite is seen. The massive pyritic concentrations contain varying degrees of intergrown micro-sized gangue, vaesite and sphalerite, and grade to zones composed largely of the opaque gangue material, sprinkled with tiny (1 - 10 microns) spherulites and framboidal aggregates of pyrite and the other sulfides.

The other potentially valuable constituent, sphalerite, shows a similar mode of occurrence to the other sulfides, and is typically intimately admixed with them.

The extremely fine-grained sulfide/sulfide and sulfide/gangue intergrowths characterising this material would appear to preclude concentration by mechanical means. Possibly the valuable metals could be extracted by some type of bulk hydrometallurgical or bio-hydrometallurgical process.

PHOTOMICROGRAPHS

All photos are by reflected light at the same scale, 1cm = 85 microns, to provide a visual comparison of the sulfide grain size and associations in the different sample groups.

NICK PROPERTY

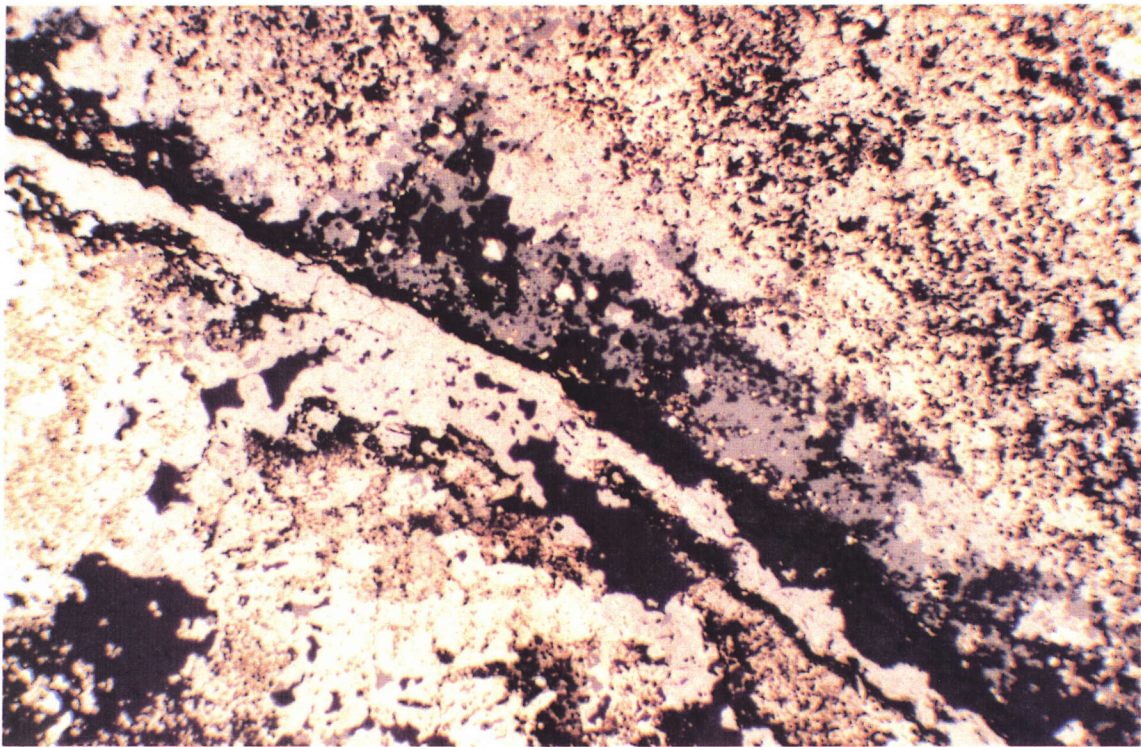
Neg. 132-20 Typical field, showing the principal components. Light grey phase (e.g. on south side of the central diagonal band, and elsewhere as small pockets) is vaesite, NiS_2 . Lightest cream colour is pyrite; brownish areas are also pyrite, of melnikovite type. Medium grey (on north side of the central band) is sphalerite. Darkest grey is chert matrix.

Neg. 132-21 Chert matrix (dark grey) with disseminated pyrite spherulites and framboids. Clumpy bands of aggregated pyrite spherulites bottom left and top right. The latter includes some vaesite (light grey) as pockets 20 - 50 microns, and as minute interstitial intergrowths.

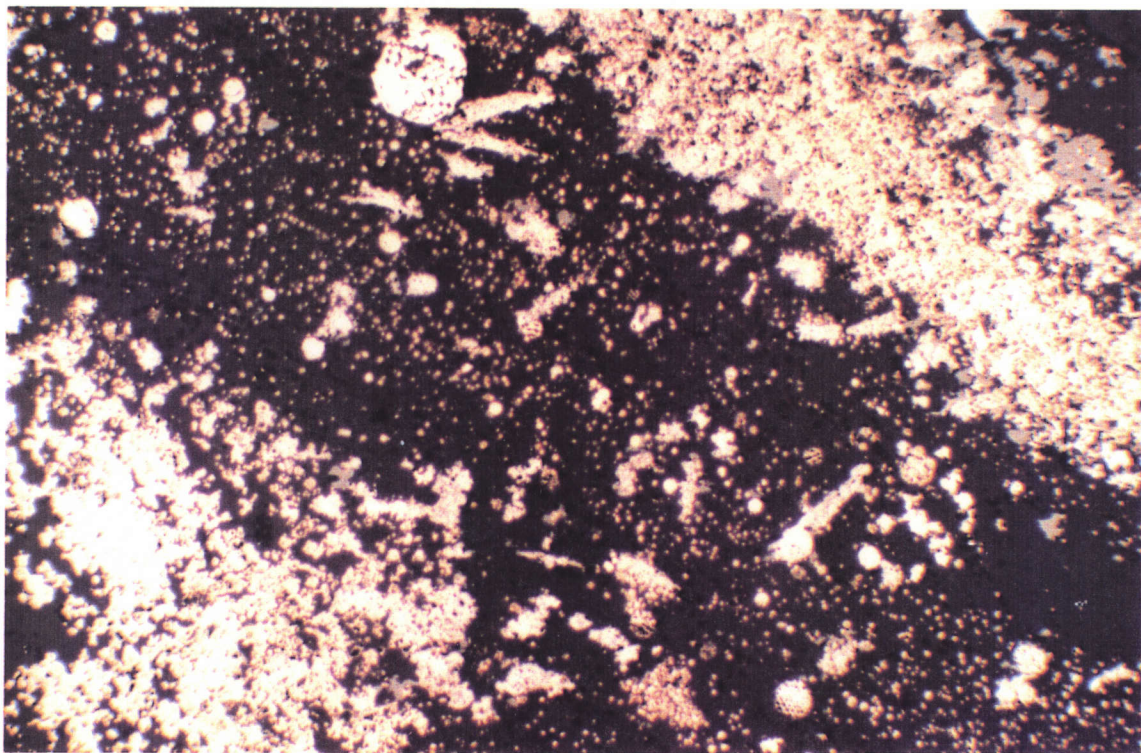
Neg. 132-22 Spheroidal masses of pyrite and melnikovite in chert. Vaesite (light grey, just distinguishable from creamy white pyrite) occurs as interstitial pockets to the pyrite ovoids (e.g. centre bottom) and minutely intergrown within them (e.g. extreme top).

Neg. 132-23 Typical field including fragmented band of bitumen (grey-brown, right) in chert (dark grey with pyrite speckles). Compact pyrite at left includes high proportion of brown melnikovitic form. Vaesite (light grey) distinguishable in minute intergrowth in pyrite clusters (e.g. centre top; upper right; lower centre).

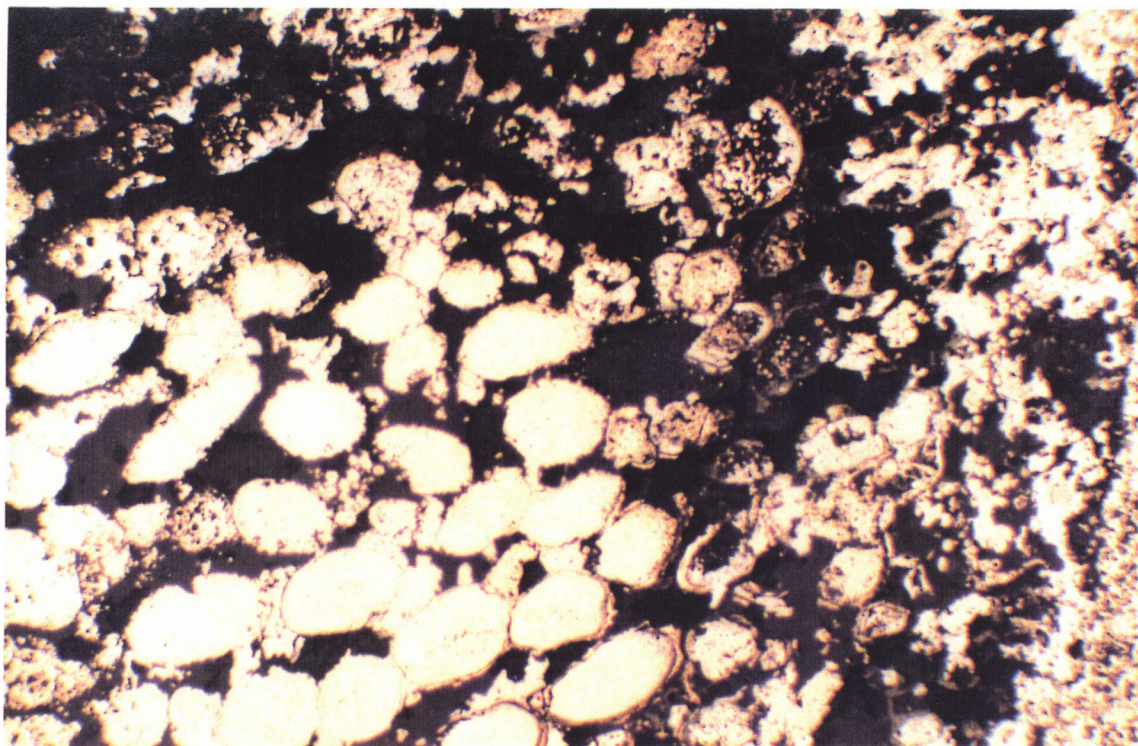
Neg. 132-24 Another typical field, showing banded character. Melnikovite and pyrite (with intergrown vaesite) at lower right. Vaesite (light grey) concentrates as a selvage at contact with chert (dark) packed with spherulites and framboids of pyrite. Vaesite (dusted with minute pyrite specks) also occurs as irregular islands in chert (upper left).



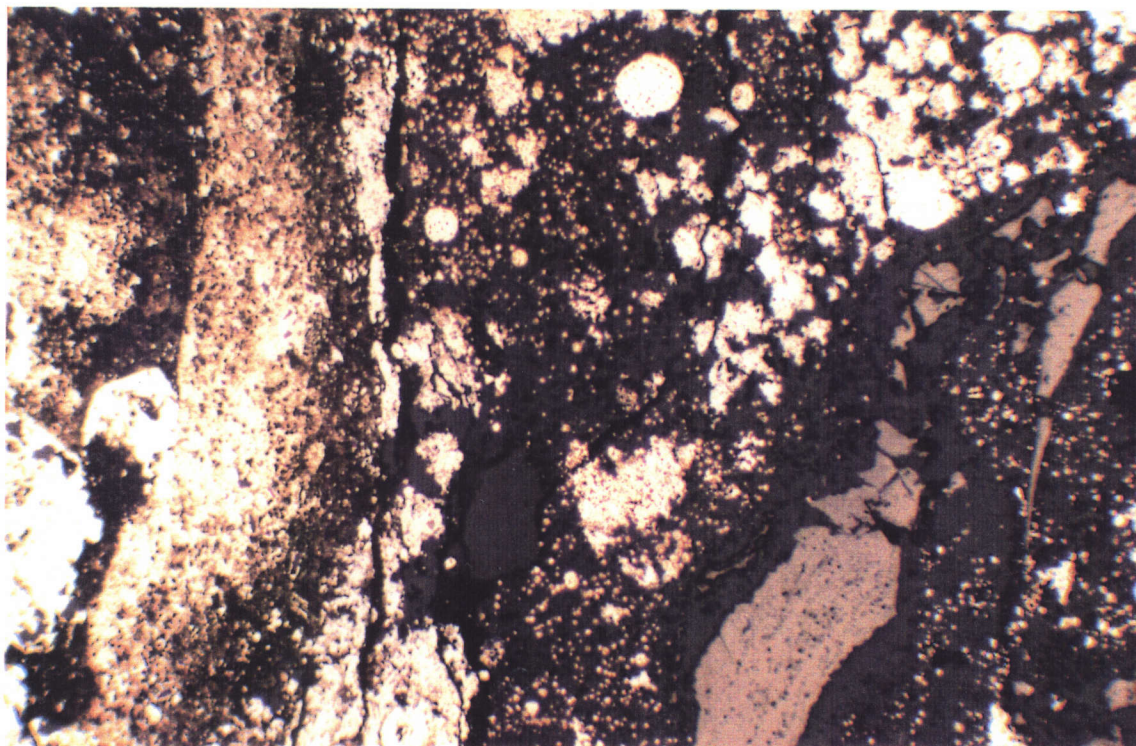
Neg. 132-20 Typical field, showing the principal components. Light grey phase (e.g. on south side of the central diagonal band, and elsewhere as small pockets) is vaesite, NiS_2 . Lightest cream colour is pyrite; brownish areas are also pyrite, of melnikovite type. Medium grey (on north side of the central band) is sphalerite. Darkest grey is chert matrix.



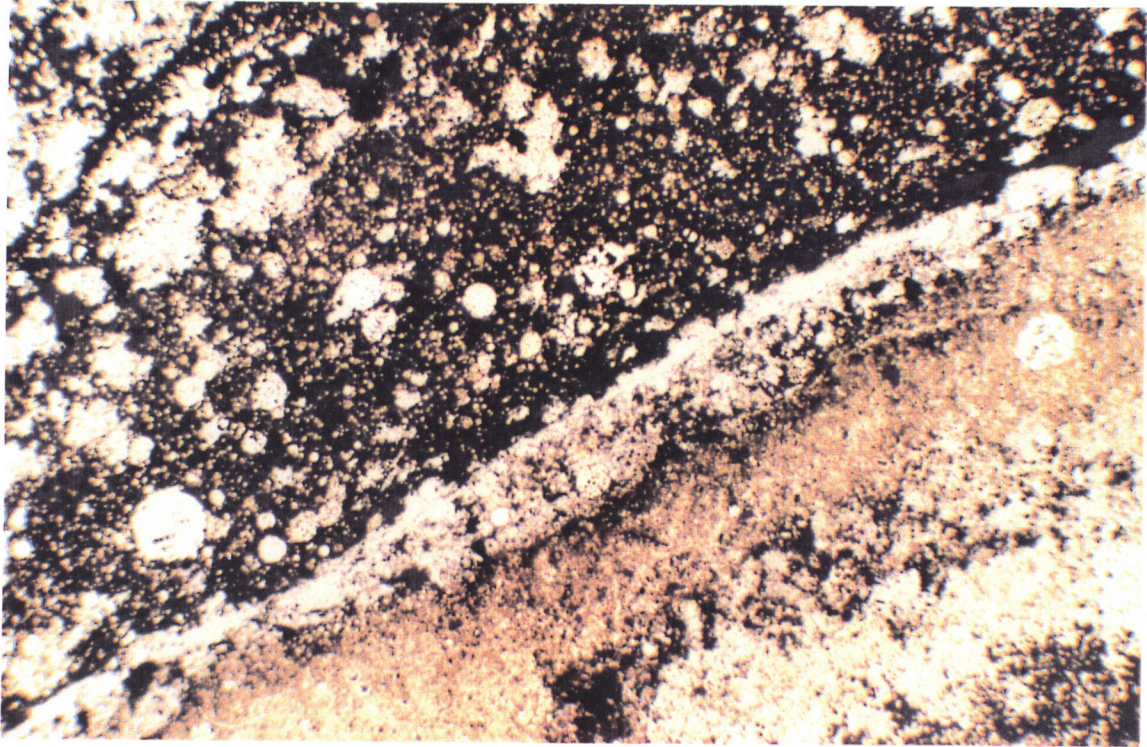
Neg. 132-21 Chert matrix (dark grey) with disseminated pyrite spherulites and framboids. Clumpy bands of aggregated pyrite spherulites bottom left and top right. The latter include some vaesite (light grey) as pockets 20 - 50 microns, and as minute interstitial intergrowths.



Neg. 132-22 Spheroidal masses of pyrite and melnikovite in chert. Vaesite (light grey, just distinguishable from creamy white pyrite) occurs as interstitial pockets to the pyrite ovoids (e.g. centre bottom) and minutely intergrown within them (e.g. extreme top).



Neg. 132-23 Typical field including fragmented band of bitumen (grey-brown, right) in chert (dark grey with pyrite speckles). Compact pyrite at left includes high proportion of brown melnikovitic form. Vaesite (light grey) distinguishable in minute intergrowth in pyrite clusters (e.g. centre top; upper right; lower centre).



Neg. 132-24 Another typical field, showing banded character. Melnikovite and pyrite (with intergrown vaesite) at lower right. Vaesite (light grey) concentrates as a selvage at contact with chert (dark) packed with spherulites and framboids of pyrite. Vaesite (dusted with minute pyrite specks) also occurs as irregular islands in chert (upper left).

APPENDIX IV

ROCK, SOIL AND STREAM SEDIMENT ASSAYS

Prep. Code - 203 - Soil and Stream Sediment Geochem
- 205 - Rock Geochem
- 208 - Rock Assay



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

W. SCHER CATIRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

Project : NICK(NDU)

Comments:

Page N 1-A
Tot. Pa. 1
Date : 9-AUG-88
Invoice # : I-8820069
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820069

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
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S 9700	299	238	0.39	12.6	2260	60	0.5	< 2	0.14	1.0	84	242	318	>15.00	< 10	< 1	0.06	20	0.05	110	1485

CERTIFICATION : *B. Coughlin*



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Project : NICK(NDU)

Comments:

Page # 1-B
Tot. P. # 1
Date : 9-AUG-88
Invoice # : I-8820069
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820069

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S 9700	299	238	< 0.01	>10000	1210	104	110	3	23	< 0.01	450	< 10	308	30	772

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ARCHER CATHRO & ASSOC. (1981) LTD.

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 WHITEHORSE, Y.T.
 Y1A 3S9

Project : NDU(NICK)
 Comments :

Page : 1-A
 Tot. Pages : 1
 Date : 21-JUN-88
 Invoice # : I-8816861
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816861

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S09038	299	238	0.31	7.8	2990	10	0.5	< 2	0.03	3.0	128	81	165	>15.00	< 10	< 1	0.09	< 10	0.04	50	2650
S09039	299	238	>15.00	< 0.2	265	890	2.0	4	0.53	3.5	51	189	330	6.39	< 10	8	0.06	10	0.05	69	549

CERTIFICATION :

[Handwritten Signature]



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WHITEHORSE, Y.T.
Y1A 3S9

Project: ND NICK
Comments: ATTN: BOB CATHRO

Page : 1
Tot. : 8:1
Date : 21-JUN-88
Invoice #: I-8816302
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816302

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9048	208 ---	40	< 4	20	< 0.09	< 0.01	1.32				
9049	208 ---	8	< 2	< 5	< 0.01	< 0.01	0.98				

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

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Project : ND NICK
Comments: ATTN: BOB CATHRO

Page 1 of 1-A
Tot. 1 : 1
Date : 8-JUN-88
Invoice # : I-8816303
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816303

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9048	299	238	1.34	2.0	10	350	0.5	< 2	0.05	0.5	3	184	33	4.53	< 10	< 1	0.50	< 10	0.16	87	34
9049	299	238	0.17	1.2	10	1150	< 0.5	< 2	0.03	< 0.5	< 1	60	9	1.28	< 10	1	0.07	< 10	0.02	13	20

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WHITEHORSE, Y.T.
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Project: MD NICK
Comments: ATTN: BOB CATHRO

Page 1 1-B
Tot. Pages: 1
Date: 8-JUN-88
Invoice #: I-8816303
P.O. #: NONE

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9048	299	238	0.02	36	30	498	< 5	2	9	< 0.01	< 10	< 10	166	< 5	752
9049	299	238	< 0.01	19	100	6	< 5	< 1	18	< 0.01	< 10	< 10	33	< 5	10

CERTIFICATION : _____



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Project: NDU (NICK)
 Comments:

Page: 1-A
 Tot. Pages: 1
 Date: 12-JUN-88
 Invoice #: I-8816325
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816325

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9001	205	238	10	< 2	5	0.39	0.2	25	580	< 0.5	< 2	0.14	0.5	6	131	26	1.71	< 10	1	0.12	< 10
9002	205	238	6	< 2	< 5	0.77	< 0.2	20	180	< 0.5	< 2	0.26	0.5	8	85	33	2.83	< 10	2	0.23	10
9003	205	238	2	< 2	< 5	0.02	< 0.2	5	90	< 0.5	< 2	>15.00	6.0	< 1	134	368	0.16	< 10	2	0.01	< 10
9042	205	238	2	< 2	< 5	0.38	< 0.2	60	220	< 0.5	< 2	0.17	1.0	< 1	27	72	>15.00	< 10	< 1	0.12	< 10
9043	205	238	2	< 2	5	1.07	< 0.2	50	220	< 0.5	< 2	0.24	0.5	< 1	47	87	>15.00	< 10	< 1	0.18	< 10
9044	205	238	4	2	10	0.26	< 0.2	25	110	< 0.5	< 2	0.02	0.5	< 1	46	34	11.80	< 10	< 1	1.00	< 10
9045	205	238	< 2	< 2	< 5	2.07	0.4	15	>10000	< 0.5	2	5.51	3.5	15	93	72	1.75	< 10	1	0.09	< 10
9046	205	238	< 2	< 2	< 5	0.20	< 0.2	5	5020	< 0.5	2	>15.00	0.5	5	23	6	0.36	< 10	< 1	0.05	< 10
9053	205	238	6	2	5	3.33	< 0.2	80	3950	0.5	< 2	0.66	1.5	8	84	147	6.50	< 10	< 1	0.20	10
9055	205	238	2	< 2	< 5	0.06	< 0.2	120	50	< 0.5	< 2	0.07	0.5	< 1	17	219	>15.00	< 10	< 1	4.47	< 10
9057	205	238	4	2	5	1.15	0.2	40	1030	< 0.5	< 2	0.36	2.5	4	57	152	4.00	< 10	< 1	0.22	10
9058	205	238	4	< 2	5	0.56	< 0.2	225	160	< 0.5	< 2	0.04	1.0	1	29	47	>15.00	< 10	< 1	0.88	< 10

CERTIFICATION : _____



Chemex Labs Ltd.

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112 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127, 3125 3RD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

Project: NDU (NICK)
Comments:

Page No.: 1-B
Tot. Pages: 1
Date: 12-JUN-88
Invoice #: I-8816325
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816325

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Tl	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9001	205	238	0.05	55	25	0.01	65	230	6	< 5	< 1	35	< 0.01	10	10	32	< 5	24
9002	205	238	0.04	98	43	0.01	66	1110	6	5	1	65	< 0.01	10	10	29	< 5	47
9003	205	238	0.24	62	1	< 0.01	6	90	< 2	5	< 1	1055	< 0.01	10	10	102	< 5	147
9042	205	238	0.03	69	5	0.07	10	2680	14	10	3	131	< 0.01	< 10	< 10	92	< 5	78
9043	205	238	0.16	118	6	0.01	24	1320	6	10	4	31	< 0.01	< 10	< 10	90	< 5	142
9044	205	238	0.01	10	26	0.02	6	3120	6	10	1	153	< 0.01	10	< 10	156	< 5	14
9045	205	238	0.49	387	5	0.01	64	960	8	5	6	3020	0.03	10	< 10	174	< 5	192
9046	205	238	3.88	572	1	0.01	12	600	< 2	5	4	4490	< 0.01	10	< 10	20	< 5	19
9053	205	238	0.09	366	85	0.02	129	1590	2	10	9	313	< 0.01	< 10	30	259	< 5	204
9055	205	238	0.02	10	383	0.10	2	1470	< 2	15	5	192	< 0.01	40	< 10	77	< 5	12
9057	205	238	0.17	56	52	0.01	220	1280	8	5	3	90	0.01	10	40	209	< 5	275
9058	205	238	0.09	74	52	0.04	15	2240	2	10	3	125	< 0.01	10	< 10	256	< 5	71

CERTIFICATION : _____



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 WHITEHORSE, Y.T.
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Project: NDU (NICK)
 Comments:

Page No. 1-A
 Tot. Pa. 2
 Date: 10-JUN-88
 Invoice #: I-8816324
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816324

SAMPLE DESCRIPTION	PREP CODE		Au	Pd	Pt	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
	ppb AFS	ppb AFS	ppb AFS	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
9004	203	238	10	2	< 5	1.45	0.6	25	440	0.5	< 2	5.51	6.0	21	76	49	2.11	< 10	< 1	0.30	< 10
9005	203	238	220	2	10	1.45	0.2	35	1060	0.5	< 2	0.07	0.5	9	42	57	4.99	< 10	< 1	0.33	10
9006	203	238	6	2	< 5	1.47	0.8	20	480	0.5	< 2	4.42	9.5	44	73	66	2.18	< 10	< 1	0.27	< 10
9007	203	238	26	2	< 5	0.73	0.6	20	130	0.5	< 2	11.70	5.0	6	67	48	1.10	< 10	< 1	0.21	< 10
9040	203	238	6	< 2	< 5	1.19	< 0.2	50	360	< 0.5	< 2	0.03	< 0.5	4	40	39	7.33	< 10	< 1	0.23	< 10
9041	203	238	8	4	< 5	1.76	0.4	40	1660	< 0.5	< 2	0.11	< 0.5	7	61	82	5.53	< 10	< 1	0.25	20
9051	203	238	10	4	< 5	1.00	< 0.2	35	860	0.5	< 2	0.03	< 0.5	4	42	38	5.69	< 10	< 1	0.36	10
9052	203	238	10	< 2	5	1.12	0.6	30	1080	< 0.5	< 2	0.04	< 0.5	3	50	16	4.85	< 10	< 1	0.46	10
9054	203	238	10	4	10	0.29	0.8	15	690	< 0.5	< 2	< 0.01	< 0.5	< 1	21	13	2.18	< 10	1	0.27	10
9056	203	238	18	12	10	0.57	< 0.2	50	1630	< 0.5	< 2	0.02	0.5	< 1	48	25	14.95	< 10	< 1	0.17	30
9301	203	238	10	< 2	20	0.89	0.8	45	590	< 0.5	< 2	0.10	< 0.5	2	43	17	2.40	< 10	< 1	0.22	20
9302	203	238	8	< 2	< 5	1.13	0.6	20	1480	< 0.5	< 2	0.69	1.0	2	49	25	2.84	< 10	< 1	0.29	20
9303	203	238	8	2	< 5	1.33	0.6	35	1820	< 0.5	< 2	0.49	1.5	6	57	36	3.02	< 10	< 1	0.29	20
9304	203	238	12	< 2	10	1.41	0.6	35	490	0.5	< 2	2.78	1.5	7	63	76	1.76	< 10	< 1	0.11	10
9305	203	238	6	< 2	< 5	1.38	0.6	20	470	0.5	< 2	1.03	1.5	7	47	29	2.06	< 10	< 1	0.09	20
9306	203	238	4	< 2	10	1.26	0.4	20	440	< 0.5	< 2	1.21	2.0	7	50	20	1.96	< 10	< 1	0.10	20
9307	203	238	10	4	< 5	1.54	0.2	25	980	0.5	< 2	0.34	1.0	14	51	85	4.77	< 10	< 1	0.18	20
9308	203	238	4	< 2	< 5	0.49	< 0.2	70	140	< 0.5	< 2	0.04	0.5	< 1	96	203	> 15.00	10	< 1	1.46	< 10
9309	203	238	6	4	< 5	0.58	< 0.2	15	140	< 0.5	< 2	0.05	0.5	< 1	41	177	> 15.00	< 10	< 1	1.13	< 10
9310	203	238	8	2	< 5	1.17	< 0.2	55	950	< 0.5	< 2	0.17	0.5	4	56	96	8.26	< 10	< 1	0.31	10
9311	203	238	12	2	< 5	0.91	1.0	30	520	< 0.5	< 2	1.29	2.5	7	58	44	1.70	< 10	< 1	0.14	20
9312	203	238	8	< 2	< 5	0.90	1.6	55	620	< 0.5	< 2	0.06	< 0.5	1	46	18	4.41	< 10	< 1	0.19	30
9313	203	238	8	< 2	20	0.77	0.4	5	540	< 0.5	< 2	0.03	< 0.5	< 1	46	14	1.66	< 10	1	0.16	30
9314	203	238	8	< 2	< 5	0.99	0.8	20	510	< 0.5	< 2	0.04	< 0.5	< 1	60	15	2.07	< 10	< 1	0.19	30
9315	203	238	8	< 2	< 5	0.94	1.0	15	940	< 0.5	< 2	0.06	< 0.5	< 1	50	12	1.33	< 10	1	0.26	30
9316	203	238	14	6	5	2.12	0.8	45	870	< 0.5	< 2	0.09	< 0.5	5	51	34	4.70	< 10	< 1	0.25	20
9317	203	238	8	< 2	< 5	0.56	1.6	55	750	< 0.5	< 2	0.04	< 0.5	< 1	52	12	1.18	< 10	< 1	0.18	30
9318	203	238	8	< 2	< 5	0.64	0.8	20	570	< 0.5	< 2	0.06	< 0.5	< 1	41	10	1.39	< 10	< 1	0.18	30
9319	203	238	16	10	< 5	0.76	1.4	45	630	< 0.5	< 2	0.04	< 0.5	< 1	28	20	4.13	< 10	2	0.61	10
9320	203	238	8	4	10	2.21	1.6	45	1030	< 0.5	< 2	0.27	2.0	7	60	79	3.10	< 10	< 1	0.19	20
9321	203	238	10	< 2	< 5	0.50	0.4	15	450	< 0.5	< 2	0.04	< 0.5	< 1	48	10	0.96	< 10	< 1	0.15	20
9322	203	238	8	2	5	1.68	0.4	45	900	0.5	< 2	0.18	0.5	9	57	26	3.08	< 10	< 1	0.21	20
9323	203	238	8	< 2	5	1.21	0.4	35	1130	< 0.5	< 2	0.05	< 0.5	1	55	15	2.56	< 10	< 1	0.30	20
9324	203	238	6	< 2	10	1.02	0.6	10	510	< 0.5	< 2	0.05	< 0.5	< 1	52	5	1.18	< 10	< 1	0.16	20
9325	203	238	12	4	< 5	1.53	1.0	35	1490	< 0.5	< 2	0.19	0.5	8	65	22	3.57	< 10	< 1	0.34	30
9326	203	238	10	2	20	1.51	0.6	45	890	0.5	< 2	0.17	2.0	10	80	40	3.54	< 10	< 1	0.24	10
9401	203	238	10	< 2	< 5	1.08	0.4	30	510	< 0.5	< 2	0.05	0.5	2	74	37	4.27	< 10	< 1	0.18	20
9402	203	238	8	2	< 5	1.15	0.2	35	980	0.5	< 2	0.34	0.5	6	54	44	3.40	< 10	< 1	0.23	20
9403	203	238	12	< 2	5	1.32	0.4	30	1450	0.5	< 2	0.11	1.0	10	69	37	3.65	< 10	< 1	0.38	20
9404	203	238	8	< 2	< 5	1.60	0.4	50	880	0.5	< 2	0.39	4.0	17	55	58	3.54	< 10	< 1	0.19	30

CERTIFICATION : _____



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ARCHER CATHRO & ASSOC. (1981) LTD.

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WHITEHORSE, Y.T.

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Project : NDU (NICK)

Comments:

Page : 1-B

Tot. : 42

Date : 10-JUN-88

Invoice # : I-8816324

P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816324

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mb	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9004	203	238	0.74	552	32	0.02	176	1040	14	< 5	4	511	0.01	< 10	< 10	580	< 5	608
9005	203	238	0.32	230	27	0.05	49	820	28	< 5	5	82	< 0.01	< 10	< 10	103	< 5	144
9006	203	238	0.62	1085	39	0.02	264	1100	10	5	4	422	0.01	< 10	< 10	590	5	889
9007	203	238	1.12	99	41	0.01	159	770	2	< 5	3	636	0.01	< 10	< 10	379	< 5	470
9040	203	238	0.35	116	10	0.06	34	1780	24	< 5	4	48	< 0.01	< 10	< 10	86	< 5	103
9041	203	238	0.44	246	31	0.02	79	1230	14	5	7	58	0.04	< 10	< 10	277	< 5	276
9051	203	238	0.24	90	43	0.04	23	790	26	< 5	4	59	0.01	< 10	< 10	65	< 5	82
9052	203	238	0.23	116	61	0.05	31	540	26	< 5	3	48	0.03	< 10	< 10	199	< 5	106
9054	203	238	0.02	8	28	0.03	2	120	10	< 5	1	25	< 0.01	< 10	< 10	35	< 5	6
9056	203	238	0.05	25	267	< 0.01	7	890	16	5	4	12	0.05	< 10	< 10	172	< 5	20
9301	203	238	0.14	53	81	0.01	47	1060	14	5	1	155	0.02	< 10	< 10	339	5	133
9302	203	238	0.29	83	70	0.01	48	530	24	< 5	3	84	0.03	< 10	< 10	243	< 5	109
9303	203	238	0.29	140	61	0.01	103	1150	24	5	6	303	0.02	< 10	< 10	246	< 5	319
9304	203	238	1.16	214	30	0.01	160	920	10	< 5	4	131	0.03	< 10	< 10	257	< 5	254
9305	203	238	0.39	284	20	0.01	90	670	12	< 5	3	79	0.03	< 10	< 10	365	< 5	244
9306	203	238	0.36	194	18	0.01	100	900	10	< 5	3	88	0.03	< 10	< 10	368	< 5	317
9307	203	238	0.33	228	69	0.01	120	810	18	5	5	75	0.02	< 10	< 10	206	< 5	308
9308	203	238	0.12	42	38	0.01	36	2070	< 2	10	4	41	0.01	10	< 10	574	< 5	101
9309	203	238	0.17	66	32	0.02	66	840	12	10	3	69	0.02	< 10	< 10	296	< 5	156
9310	203	238	0.27	104	132	0.01	92	990	24	5	3	45	0.03	< 10	< 10	250	< 5	221
9311	203	238	0.31	150	43	0.01	333	760	6	< 5	3	59	0.01	< 10	< 10	403	< 5	431
9312	203	238	0.15	56	230	0.01	23	400	32	5	2	23	0.05	< 10	< 10	136	< 5	69
9313	203	238	0.10	46	54	0.01	21	200	10	< 5	1	10	0.03	< 10	< 10	251	< 5	65
9314	203	238	0.13	49	50	0.01	33	230	6	5	2	9	0.04	< 10	< 10	304	< 5	100
9315	203	238	0.15	80	58	0.01	12	520	12	< 5	1	30	0.02	< 10	< 10	118	< 5	43
9316	203	238	0.56	248	65	0.01	55	560	18	< 5	4	68	0.05	< 10	< 10	185	< 5	167
9317	203	238	0.06	41	66	< 0.01	10	320	10	< 5	1	35	0.02	< 10	< 10	101	< 5	39
9318	203	238	0.10	61	44	< 0.01	33	280	12	< 5	1	14	0.02	< 10	< 10	185	< 5	90
9319	203	238	0.14	68	186	0.01	11	410	36	5	3	26	0.01	< 10	< 10	61	< 5	35
9320	203	238	1.18	519	71	0.01	136	1160	18	< 5	6	82	0.03	< 10	< 10	322	5	233
9321	203	238	0.06	23	54	< 0.01	25	220	10	< 5	1	18	0.02	< 10	< 10	166	< 5	59
9322	203	238	0.45	302	46	0.01	140	540	12	< 5	4	49	0.06	< 10	< 10	251	< 5	524
9323	203	238	0.16	89	49	0.01	18	330	14	< 5	3	27	0.04	< 10	< 10	216	< 5	56
9324	203	238	0.15	44	25	0.01	14	220	12	< 5	2	21	0.05	< 10	< 10	194	< 5	43
9325	203	238	0.40	257	56	0.01	74	670	20	< 5	4	55	0.06	< 10	< 10	271	< 5	257
9326	203	238	0.64	377	84	0.01	196	1050	18	< 5	3	113	0.03	< 10	< 10	281	< 5	418
9401	203	238	0.29	72	63	0.01	79	420	14	5	2	24	0.04	< 10	< 10	407	< 5	188
9402	203	238	0.33	180	55	0.01	102	830	14	< 5	3	65	0.03	< 10	< 10	296	< 5	235
9403	203	238	0.30	297	58	0.02	101	570	16	< 5	3	50	0.03	< 10	< 10	367	< 5	297
9404	203	238	0.35	242	74	0.01	501	900	14	< 5	4	63	0.03	< 10	< 10	301	5	890

CERTIFICATION : _____



Chemex Labs Ltd.

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Project: NDU(NICK)
 Comments:

Page: 1-A
 Total: 1
 Date: 21-JUN-88
 Invoice #: I-8816871
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816871

SAMPLE DESCRIPTION	PREP CODE		Au	Pd	Pt	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
	ppb	ppb	ppb	ppb	ppb	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
S 09008	205	238	6	2	< 5	0.90	0.2	20	240	< 0.5	< 2	0.71	0.5	10	51	47	3.95	10	< 1	0.25	10
S 09011	205	238	2	2	< 5	0.53	0.4	10	630	< 0.5	< 2	13.55	7.5	3	85	35	0.60	40	2	0.15	< 10
S 09014	205	238	4	2	5	0.40	0.6	20	830	< 0.5	< 2	0.14	2.0	1	141	21	0.58	< 10	3	0.11	10
S 09016	205	238	6	4	5	0.46	0.4	5	1140	< 0.5	< 2	0.11	< 0.5	1	102	4	0.37	< 10	< 1	0.16	10
S 09021	205	238	2	4	5	8.95	0.2	40	510	< 0.5	< 2	0.08	5.5	10	111	889	8.96	< 10	1	0.06	10
S 09022	205	238	18	24	40	0.69	2.2	455	120	< 0.5	< 2	0.02	2.5	17	63	45	4.12	< 10	< 1	0.22	20
S 09023	205	238	4	2	< 5	0.40	0.2	15	640	< 0.5	< 2	0.20	< 0.5	3	55	26	1.84	< 10	< 1	0.12	10
S 09024	205	238	4	< 2	< 5	0.35	0.2	15	380	< 0.5	< 2	0.12	< 0.5	8	53	38	2.74	< 10	< 1	0.11	< 10
S 09025	205	238	6	4	5	0.55	0.4	20	270	< 0.5	< 2	0.02	< 0.5	6	44	40	2.37	< 10	< 1	0.18	10
S 09027	205	238	2	2	< 5	0.38	0.6	10	750	< 0.5	< 2	0.02	< 0.5	2	74	23	1.57	< 10	< 1	0.10	< 10
S 09028	205	238	2	2	< 5	0.30	1.0	195	430	< 0.5	< 2	0.01	0.5	< 1	182	14	14.25	10	< 1	0.10	< 10
S 09036	205	238	8	4	5	2.51	1.2	65	60	< 0.5	< 2	0.03	< 0.5	4	15	63	12.40	10	< 1	0.62	< 10
S 09251	205	238	2	< 2	< 5	0.31	0.2	10	550	< 0.5	< 2	0.02	< 0.5	4	83	30	1.80	< 10	< 1	0.10	< 10
S 09252	205	238	4	2	< 5	0.63	0.2	5	130	0.5	< 2	0.01	< 0.5	< 1	25	7	3.91	< 10	< 1	0.23	10
S 09253	205	238	4	< 2	< 5	0.43	0.2	15	270	< 0.5	< 2	0.03	< 0.5	2	70	18	3.10	< 10	< 1	0.15	< 10
S 09256	205	238	< 2	< 2	< 5	0.19	0.2	5	380	< 0.5	< 2	0.03	< 0.5	1	160	7	0.61	< 10	< 1	0.04	< 10
S 09257	205	238	2	< 2	< 5	0.14	0.4	20	300	< 0.5	< 2	0.05	3.5	1	242	47	0.44	< 10	< 1	0.02	< 10
S 09258	205	238	4	< 2	< 5	1.82	0.4	35	1440	2.0	< 2	0.06	< 0.5	19	53	65	7.78	10	< 1	0.12	10
S 09259	205	238	22	32	60	0.42	2.4	610	130	1.0	< 2	0.02	2.5	31	65	61	5.09	< 10	< 1	0.14	10
S 09260	205	238	2	< 2	< 5	0.16	0.4	20	640	0.5	< 2	0.01	0.5	4	274	19	1.66	< 10	< 1	0.01	< 10
S 09261	205	238	6	4	< 5	0.58	0.2	20	120	1.5	< 2	0.02	< 0.5	10	51	44	4.52	< 10	< 1	0.19	10
S 09262	205	238	4	< 2	< 5	0.32	0.4	5	1060	0.5	< 2	0.01	< 0.5	< 1	151	5	0.62	< 10	< 1	0.12	< 10
S 09263	205	238	4	< 2	< 5	0.29	0.2	< 5	2670	< 0.5	< 2	0.02	< 0.5	< 1	63	2	0.23	< 10	< 1	0.11	< 10
S 09265	205	238	6	4	< 5	0.84	0.6	10	1430	0.5	< 2	0.49	< 0.5	2	110	38	1.04	< 10	< 1	0.22	10
S 09266	205	238	2	< 2	< 5	0.18	0.2	5	2400	0.5	< 2	0.01	< 0.5	1	119	7	0.72	< 10	< 1	0.07	< 10
S 09267	205	238	4	4	< 5	0.19	0.6	10	1050	0.5	< 2	0.02	< 0.5	1	113	14	1.16	< 10	< 1	0.05	< 10
S 09270	205	238	2	< 2	< 5	0.15	0.2	< 5	1700	< 0.5	< 2	< 0.01	< 0.5	< 1	51	2	0.24	< 10	< 1	0.06	< 10
S 09271	205	238	2	< 2	< 5	0.19	0.2	< 5	1920	< 0.5	< 2	< 0.01	< 0.5	< 1	90	1	0.18	< 10	< 1	0.07	10
S 09274	205	238	2	< 2	< 5	0.29	0.2	< 5	1340	< 0.5	< 2	< 0.01	< 0.5	1	120	4	0.33	< 10	< 1	0.11	< 10
S 09278	205	238	2	2	< 5	0.19	0.2	< 5	2430	< 0.5	< 2	< 0.01	< 0.5	1	73	5	0.27	< 10	< 1	0.08	10
S 09279	205	238	2	< 2	< 5	0.44	0.2	< 5	1180	0.5	< 2	0.10	< 0.5	1	51	7	0.52	< 10	< 1	0.15	10
S 09280	205	238	< 2	< 2	< 5	0.18	0.6	15	340	< 0.5	< 2	0.01	1.0	1	168	29	0.50	< 10	< 1	0.04	< 10
S 09281	205	238	< 2	< 2	< 5	0.29	0.2	5	640	< 0.5	< 2	0.01	2.5	1	171	14	0.38	< 10	< 1	0.06	< 10
S 09364	205	238	4	2	< 5	0.17	0.2	< 5	980	< 0.5	< 2	< 0.01	< 0.5	1	61	3	0.48	< 10	< 1	0.10	10
S 09365	205	238	4	2	< 5	0.29	0.2	< 5	1140	< 0.5	< 2	< 0.01	< 0.5	1	65	3	0.27	< 10	< 1	0.11	10
S 09459	205	238	2	< 2	< 5	0.31	0.2	5	1390	0.5	< 2	0.01	< 0.5	< 1	55	4	0.46	< 10	< 1	0.13	10
S 09461	205	238	2	< 2	< 5	0.39	0.2	5	840	0.5	< 2	0.01	< 0.5	1	51	3	0.43	< 10	< 1	0.12	10

CERTIFICATION : _____



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Project : NDU(NICK)

Comments :

Page : 1-B
Tot. : 1
Date : 21-JUN-88
Invoice # : I-8816871
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816871

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S 09008	205	238	0.07	59	32	< 0.01	65	3040	38	10	4	255	0.01	< 10	< 10	39	5	93
S 09011	205	238	0.24	44	9	< 0.01	74	870	4	< 5	2	676	< 0.01	< 10	< 10	926	5	341
S 09014	205	238	0.09	17	31	< 0.01	55	200	4	< 5	2	17	< 0.01	< 10	< 10	1180	< 5	282
S 09016	205	238	0.05	18	26	< 0.01	20	100	44	10	1	28	< 0.01	< 10	< 10	285	< 5	26
S 09021	205	238	0.10	65	222	< 0.01	777	1810	< 2	5	8	21	< 0.01	< 10	200	610	5	1030
S 09022	205	238	0.07	35	671	< 0.01	5090	120	44	15	2	33	< 0.01	20	< 10	345	5	39
S 09023	205	238	0.04	22	27	< 0.01	93	90	6	< 5	1	46	< 0.01	< 10	< 10	31	5	22
S 09024	205	238	0.05	32	24	< 0.01	61	110	18	< 5	1	27	< 0.01	< 10	< 10	18	10	47
S 09025	205	238	0.04	53	26	< 0.01	43	90	8	< 5	2	10	< 0.01	< 10	< 10	24	10	15
S 09027	205	238	0.02	22	20	< 0.01	44	170	2	< 5	< 1	22	< 0.01	< 10	< 10	82	5	12
S 09028	205	238	0.05	5	90	0.04	18	6600	< 2	35	3	76	< 0.01	< 10	20	728	5	88
S 09036	205	238	0.05	197	54	0.02	29	130	2	5	5	20	< 0.01	< 10	30	305	5	11
S 09251	205	238	0.02	21	30	< 0.01	52	120	8	< 5	1	16	< 0.01	< 10	< 10	42	< 5	8
S 09252	205	238	0.06	12	29	< 0.01	21	30	4	< 5	1	10	< 0.01	< 10	< 10	89	5	2
S 09253	205	238	0.04	25	30	< 0.01	36	70	6	< 5	1	12	< 0.01	< 10	< 10	83	5	10
S 09256	205	238	0.02	13	15	< 0.01	13	200	4	< 5	< 1	48	< 0.01	< 10	< 10	43	< 5	16
S 09257	205	238	0.01	20	10	< 0.01	13	490	14	5	< 1	68	< 0.01	< 10	< 10	46	< 5	133
S 09258	205	238	0.10	65	75	< 0.01	223	710	2	10	3	23	< 0.01	< 10	30	316	5	1040
S 09259	205	238	0.04	38	559	< 0.01	8850	190	36	15	1	25	< 0.01	20	10	209	5	80
S 09260	205	238	0.01	31	23	< 0.01	125	60	< 2	< 5	< 1	11	< 0.01	< 10	< 10	21	< 5	58
S 09261	205	238	0.05	51	55	< 0.01	53	60	18	< 5	1	11	< 0.01	< 10	< 10	26	5	12
S 09262	205	238	0.04	12	27	0.01	12	50	4	< 5	1	12	< 0.01	< 10	< 10	195	< 5	8
S 09263	205	238	0.02	9	12	< 0.01	6	40	40	5	< 1	42	< 0.01	< 10	< 10	23	< 5	2
S 09265	205	238	0.02	32	6	0.01	28	2410	4	< 5	1	79	< 0.01	< 10	< 10	106	< 5	10
S 09266	205	238	< 0.01	29	20	< 0.01	14	130	6	< 5	< 1	20	< 0.01	< 10	< 10	15	< 5	8
S 09267	205	238	0.01	26	8	< 0.01	21	70	2	< 5	< 1	23	< 0.01	< 10	< 10	47	< 5	9
S 09270	205	238	0.01	9	18	< 0.01	3	30	6	< 5	< 1	18	< 0.01	< 10	< 10	33	< 5	1
S 09271	205	238	0.01	13	7	< 0.01	4	30	6	< 5	< 1	23	< 0.01	< 10	< 10	14	< 5	< 1
S 09274	205	238	0.02	10	22	< 0.01	12	40	6	< 5	< 1	17	< 0.01	< 10	< 10	120	< 5	7
S 09278	205	238	0.01	9	18	< 0.01	4	30	10	< 5	< 1	19	< 0.01	< 10	< 10	13	< 5	2
S 09279	205	238	0.05	12	39	< 0.01	21	50	6	< 5	1	34	< 0.01	< 10	< 10	119	< 5	7
S 09280	205	238	0.01	24	35	< 0.01	31	130	4	15	< 1	44	< 0.01	< 10	< 10	77	< 5	84
S 09281	205	238	0.01	23	27	< 0.01	40	130	4	< 5	< 1	59	< 0.01	< 10	10	100	< 5	179
S 09364	205	238	0.01	9	27	< 0.01	5	60	8	< 5	< 1	13	< 0.01	< 10	< 10	13	< 5	1
S 09365	205	238	0.03	11	23	< 0.01	6	30	10	< 5	< 1	13	< 0.01	< 10	< 10	23	< 5	3
S 09459	205	238	0.03	8	20	< 0.01	3	90	8	< 5	1	25	< 0.01	< 10	< 10	52	< 5	3
S 09461	205	238	0.04	25	15	< 0.01	5	70	10	< 5	1	10	0.01	< 10	< 10	86	< 5	7

CERTIFICATION : _____



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Project : NDU(NICK)

Comments :

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Tot. : 3
Date : 21-JUN-88
Invoice # : I-8816869
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816869

SAMPLE DESCRIPTION	PREP CODE		Au	Pd	Pt	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
	ppb	ppb	ppb	ppb	ppb	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
S 09009	203	238	4	4	5	0.38	0.2	20	310	< 0.5	2	13.00	4.0	< 1	28	35	1.04	< 10	< 1	0.09	< 10
S 09010	203	238	6	4	5	2.60	< 0.2	20	380	1.5	6	6.68	15.0	100	44	260	9.49	< 10	< 1	0.07	< 10
S 09012	203	238	4	2	5	0.31	< 0.2	15	630	< 0.5	2	2.82	3.0	< 1	28	36	1.94	< 10	1	0.11	< 10
S 09013	203	238	4	4	5	3.75	0.4	20	510	1.5	4	0.33	3.5	54	36	384	4.26	< 10	< 1	0.08	< 20
S 09017	203	238	< 2	2	5	9.56	< 0.2	30	820	2.0	8	3.21	16.5	28	32	37	>15.00	< 10	< 1	< 0.01	< 10
S 09018	203	238	4	2	5	3.34	< 0.2	40	350	1.0	4	3.37	19.5	55	36	235	9.88	< 10	< 1	0.09	< 10
S 09019	203	238	2	2	< 5	0.93	< 0.2	20	350	< 0.5	10	4.51	2.5	55	19	100	>15.00	< 10	< 1	0.05	< 10
S 09026	203	238	4	2	< 5	1.57	< 0.2	20	660	0.5	< 2	1.73	8.0	35	33	117	4.99	< 10	< 1	0.14	< 20
S 09029	203	238	6	2	< 5	0.42	0.2	30	450	< 0.5	2	0.28	7.0	< 1	20	74	2.57	< 10	< 1	0.16	< 10
S 09030	203	238	2	2	< 5	0.52	< 0.2	15	290	< 0.5	2	>15.00	6.5	< 1	34	28	0.65	< 10	< 1	0.15	< 10
S 09031	203	238	4	2	< 5	2.11	0.2	40	400	< 0.5	2	3.40	17.5	53	52	50	5.42	< 10	< 1	0.15	< 10
S 09032	203	238	6	2	5	0.78	0.4	15	290	0.5	< 2	6.30	11.5	20	46	48	1.92	< 10	< 1	0.16	< 10
S 09034	203	238	8	2	< 5	0.25	0.2	10	990	< 0.5	2	0.10	< 0.5	< 1	17	12	1.55	< 10	< 1	0.26	< 10
S 09035	203	238	6	2	< 5	0.18	< 0.2	20	1070	< 0.5	< 2	< 0.01	< 0.5	< 1	18	11	2.37	< 10	< 1	0.15	< 10
S 09068	203	238	6	4	< 5	0.60	0.4	220	80	< 0.5	2	0.05	0.5	16	31	26	10.05	< 10	< 1	1.13	< 10
S 09069	203	238	6	4	5	0.27	4.0	55	440	< 0.5	4	0.04	0.5	< 1	26	34	8.32	< 10	< 1	0.11	< 10
S 09070	203	238	6	4	5	0.60	< 0.2	90	1360	< 0.5	2	0.02	0.5	18	43	22	13.20	< 10	< 1	0.37	< 10
S 09071	203	238	< 2	< 2	< 5	< 0.01	< 0.2	580	80	0.5	4	>15.00	1.5	19	1	< 1	8.01	< 10	< 1	0.01	< 10
S 09210	203	238	6	< 2	< 5	1.89	0.2	50	310	< 0.5	< 2	0.11	< 0.5	15	43	33	5.05	< 10	< 1	0.09	< 10
S 09211	203	238	4	< 2	< 5	0.38	< 0.2	5	230	< 0.5	< 2	0.05	< 0.5	< 1	31	7	0.89	< 10	2	0.07	< 10
S 09212	203	238	12	6	< 5	0.70	1.6	35	420	< 0.5	< 2	0.04	< 0.5	< 1	50	25	4.13	< 10	< 1	0.39	< 20
S 09213	203	238	6	< 2	< 5	1.00	1.4	20	680	< 0.5	2	0.05	< 0.5	< 1	45	16	2.78	< 10	< 1	0.20	< 20
S 09214	203	238	8	4	< 5	1.17	0.6	30	1780	< 0.5	2	0.24	< 0.5	< 1	67	20	2.64	< 10	1	0.27	< 20
S 09215	203	238	6	2	< 5	1.46	0.4	10	1080	< 0.5	2	0.42	1.0	< 1	49	25	2.06	< 10	< 1	0.14	< 30
S 09216	203	238	4	2	< 5	1.11	0.6	15	660	0.5	< 2	0.97	5.0	15	62	59	2.41	< 10	< 1	0.15	< 40
S 09217	203	238	4	4	5	1.49	0.4	25	940	0.5	2	0.32	1.0	< 1	49	31	2.39	< 10	< 1	0.12	< 30
S 09218	203	238	2	< 2	< 5	1.51	0.4	20	730	< 0.5	< 2	0.42	2.0	7	47	28	2.33	< 10	< 1	0.14	< 20
S 09219	203	238	4	4	< 5	1.18	0.8	20	860	0.5	4	2.06	4.5	< 1	39	66	1.61	< 10	< 1	0.10	< 20
S 09220	203	238	6	6	5	1.48	1.2	35	780	0.5	2	1.20	3.0	< 1	75	76	1.91	< 10	1	0.19	< 30
S 09221	203	238	2	2	< 5	0.56	0.4	30	650	< 0.5	2	1.86	2.5	< 1	40	38	1.06	< 10	< 1	0.08	< 20
S 09233	203	238	4	< 2	< 5	2.07	< 0.2	15	340	< 0.5	< 2	0.11	1.0	15	44	25	2.79	< 10	< 1	0.12	< 20
S 09234	203	238	4	< 2	< 5	1.98	< 0.2	10	630	< 0.5	< 2	0.15	< 0.5	< 1	44	18	2.95	< 10	< 1	0.09	< 20
S 09235	203	238	4	< 2	< 5	0.51	< 0.2	< 5	610	< 0.5	< 2	0.03	< 0.5	< 1	30	7	1.00	< 10	< 1	0.11	< 20
S 09236	203	238	8	4	5	0.96	< 0.2	95	140	< 0.5	4	0.04	< 0.5	15	33	29	8.86	< 10	< 1	0.70	< 10
S 09237	203	238	4	< 2	< 5	0.62	< 0.2	10	1270	< 0.5	< 2	0.69	2.5	< 1	30	26	2.12	< 10	< 1	0.16	< 10
S 09238	203	238	6	4	< 5	1.50	0.4	50	720	0.5	< 2	0.10	1.5	7	79	57	3.10	< 10	< 1	0.21	< 20
S 09239	203	238	4	4	5	1.64	1.0	< 5	860	0.5	2	1.37	4.5	16	71	46	2.33	< 10	2	0.21	< 30
S 09240	203	238	4	2	5	1.32	0.6	25	510	0.5	2	1.11	2.5	< 1	94	49	1.99	< 10	< 1	0.21	< 30
S 09241	203	238	2	< 2	< 5	1.89	0.4	30	430	0.5	< 2	0.21	2.0	14	65	32	2.71	< 10	2	0.13	< 30
S 09242	203	238	4	< 2	5	0.46	0.2	5	350	< 0.5	< 2	1.07	3.5	< 1	71	25	0.64	< 10	< 1	0.08	< 10

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CERTIFICATE OF ANALYSIS A8816869

SAMPLE DESCRIPTION	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 09009	203 238	1.09	105	31	0.01	132	840	6	5	2	507	< 0.01	< 10	< 10	146	5	406
S 09010	203 238	0.53	1085	33	0.01	448	1380	12	10	11	220	< 0.01	< 10	< 50	111	20	1635
S 09012	203 238	0.21	83	29	0.03	90	660	8	5	1	129	< 0.01	< 10	< 10	73	5	330
S 09013	203 238	0.35	449	31	< 0.01	380	1200	10	< 5	4	47	0.02	< 10	< 10	167	5	806
S 09017	203 238	0.03	81	11	< 0.01	293	690	< 2	< 5	4	615	< 0.01	< 10	120	26	45	2300
S 09018	203 238	0.46	806	41	0.01	452	940	4	5	5	343	< 0.01	< 10	30	214	20	1780
S 09019	203 238	0.99	368	25	< 0.01	423	710	< 2	10	4	108	0.01	< 10	< 10	58	35	1085
S 09026	203 238	0.39	689	48	0.01	219	970	8	5	4	180	0.01	< 10	< 10	158	10	709
S 09029	203 238	0.06	150	31	0.07	105	830	12	< 5	2	79	< 0.01	< 10	< 10	78	5	585
S 09030	203 238	0.82	60	14	0.01	98	1100	4	5	2	958	< 0.01	< 10	< 10	257	5	612
S 09031	203 238	0.55	464	67	0.01	464	1300	2	5	4	283	0.01	< 10	30	493	15	2120
S 09032	203 238	0.67	218	52	0.01	284	1050	4	5	3	418	0.01	< 10	< 10	504	5	1145
S 09034	203 238	0.03	8	27	0.02	7	170	10	< 5	< 1	25	< 0.01	< 10	< 10	30	< 5	25
S 09035	203 238	0.02	3	36	0.01	3	180	12	< 5	1	17	< 0.01	< 10	< 10	46	< 5	13
S 09068	203 238	0.14	76	280	0.04	16	2430	18	10	2	151	0.02	20	< 10	166	5	57
S 09069	203 238	0.06	22	37	0.01	21	2460	< 2	5	5	19	< 0.01	< 10	< 10	750	< 5	58
S 09070	203 238	0.13	22	226	< 0.01	8	1250	< 2	10	3	51	0.02	< 10	< 10	100	< 5	31
S 09071	203 238	0.16	509	18	0.01	86	300	< 2	30	< 1	1250	< 0.01	< 10	10	9	35	796
S 09210	203 238	0.38	307	39	0.01	42	790	12	< 5	2	16	0.06	< 10	< 10	138	5	118
S 09211	203 238	0.04	37	24	< 0.01	8	290	14	< 5	< 1	8	0.02	< 10	< 10	101	5	34
S 09212	203 238	0.11	45	169	0.04	11	590	30	10	2	101	0.02	< 10	< 10	112	10	40
S 09213	203 238	0.20	138	81	0.01	27	440	28	< 5	2	44	0.03	< 10	< 10	202	5	96
S 09214	203 238	0.27	97	66	0.02	25	530	24	5	3	64	0.04	< 10	< 10	164	5	86
S 09215	203 238	0.45	194	15	0.01	79	850	12	< 5	4	51	0.05	< 10	< 10	198	5	243
S 09216	203 238	0.37	184	42	< 0.01	206	1310	8	< 5	4	116	0.02	< 10	< 10	581	10	578
S 09217	203 238	0.44	250	27	0.01	101	810	18	< 5	4	49	0.03	< 10	< 10	274	5	304
S 09218	203 238	0.42	250	26	0.01	123	560	12	< 5	3	48	0.05	< 10	< 10	222	< 5	278
S 09219	203 238	0.30	207	31	< 0.01	198	1420	14	5	2	100	0.01	< 10	< 10	216	5	253
S 09220	203 238	0.51	201	30	0.01	302	1000	4	5	4	73	0.03	< 10	< 10	299	5	356
S 09221	203 238	0.17	123	29	< 0.01	131	1020	2	5	1	94	0.01	< 10	< 10	161	5	211
S 09233	203 238	0.41	310	17	0.01	76	530	12	< 5	3	22	0.04	< 10	< 10	227	< 5	293
S 09234	203 238	0.46	144	12	0.01	21	550	14	< 5	3	19	0.06	< 10	< 10	97	< 5	77
S 09235	203 238	0.05	30	27	< 0.01	9	320	10	< 5	1	10	0.01	< 10	< 10	76	< 5	39
S 09236	203 238	0.16	114	77	0.14	28	1160	20	5	3	112	0.02	< 10	< 10	95	< 5	96
S 09237	203 238	0.11	173	23	0.02	34	990	10	< 5	1	94	0.01	< 10	< 10	85	< 5	110
S 09238	203 238	0.43	195	32	0.02	108	780	14	< 5	4	57	0.04	< 10	< 10	368	< 5	386
S 09239	203 238	0.53	328	12	0.01	160	1160	12	5	4	99	0.04	< 10	< 10	297	5	486
S 09240	203 238	0.47	171	43	0.01	229	910	10	5	4	64	0.03	< 10	< 10	360	5	392
S 09241	203 238	0.45	249	27	0.01	149	930	14	5	3	32	0.04	< 10	< 10	395	10	498
S 09242	203 238	0.12	106	13	< 0.01	68	730	4	5	1	52	< 0.01	< 10	< 10	214	< 5	215

CERTIFICATION : _____



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 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-7C1
 PHONE (604) 984-0221

to: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127, 3125 3RD AVE.
 WHITEHORSE, Y.T.
 Y1A 3S9

Project: NDU (NICK)
 Comments:

Pa: 2-A
 Tol: ages: 2
 Date: 10-JUN-88
 Invoice #: I-8816324
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816324

SAMPLE DESCRIPTION	PREP CODE		Au	Pd	Pt	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
			ppb AFS	ppb AFS	ppb AFS	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
9405	203	238	10	6	15	2.13	1.4	45	730	0.5	2	0.82	5.0	19	60	135	3.45	< 10	< 1	0.22	30
9406	203	238	6	4	10	1.25	0.8	35	1380	0.5	< 2	2.63	3.0	7	59	39	2.68	< 10	< 1	0.18	10
9407	203	238	6	< 2	5	1.67	0.4	30	580	0.5	< 2	0.43	2.0	10	46	33	2.98	< 10	< 1	0.14	20
9408	203	238	6	< 2	< 5	2.05	0.6	20	450	0.5	< 2	1.78	5.0	11	89	63	2.46	< 10	< 1	0.21	20
9409	203	238	4	< 2	< 5	1.48	0.2	20	410	< 0.5	< 2	0.98	2.5	11	52	30	2.26	< 10	< 1	0.16	40
9410	203	238	4	< 2	< 5	1.59	0.2	15	530	< 0.5	< 2	2.66	2.0	12	90	37	2.29	< 10	< 1	0.24	20
9411	203	238	6	< 2	< 5	1.89	< 0.2	20	510	0.5	2	0.22	1.0	16	56	33	3.85	< 10	< 1	0.20	20
9412	203	238	2	2	< 5	1.72	< 0.2	30	590	< 0.5	< 2	0.72	5.5	37	125	201	13.95	10	< 1	0.20	20
9413	203	238	4	< 2	< 5	2.80	< 0.2	30	390	< 0.5	< 2	0.37	5.0	57	110	337	7.97	< 10	< 1	0.19	20
9414	203	238	4	< 2	< 5	1.99	0.6	15	700	< 0.5	2	1.53	4.0	15	119	35	2.77	< 10	< 1	0.25	40
9415	203	238	6	< 2	< 5	1.82	0.4	10	670	0.5	< 2	1.07	1.0	16	62	32	2.80	< 10	< 1	0.16	30
9416	203	238	6	< 2	< 5	1.85	0.4	< 5	690	< 0.5	< 2	1.02	1.5	17	106	33	2.91	< 10	< 1	0.19	30
9417	203	238	6	< 2	< 5	1.79	0.2	10	470	< 0.5	2	0.44	1.5	12	66	14	2.67	< 10	< 1	0.12	30
9418	203	238	6	< 2	< 5	1.98	< 0.2	10	620	< 0.5	< 2	0.22	1.0	13	126	25	3.34	< 10	< 1	0.20	20
9419	203	238	4	< 2	< 5	1.81	< 0.2	15	440	< 0.5	< 2	0.19	1.0	12	67	21	3.43	< 10	< 1	0.14	20
9420	203	238	4	< 2	< 5	1.36	< 0.2	30	790	< 0.5	2	0.05	0.5	9	106	20	3.41	< 10	< 1	0.24	20
9421	203	238	6	< 2	< 5	1.89	< 0.2	< 5	920	< 0.5	< 2	0.16	1.0	11	57	15	2.95	< 10	< 1	0.10	20
9422	203	238	4	< 2	< 5	1.90	< 0.2	10	790	< 0.5	< 2	0.15	0.5	11	110	16	3.03	< 10	< 1	0.14	20
9423	203	238	4	< 2	5	1.76	0.2	20	830	< 0.5	< 2	0.15	0.5	12	64	16	2.93	< 10	< 1	0.09	20
9424	203	238	8	2	10	1.04	< 0.2	30	580	< 0.5	< 2	0.09	0.5	10	157	28	5.56	< 10	< 1	0.53	20
9425	203	238	6	< 2	10	1.15	0.4	35	510	0.5	< 2	0.11	1.0	15	77	77	5.34	< 10	< 1	0.16	20
9426	203	238	12	4	15	1.46	< 0.2	140	1230	< 0.5	< 2	0.06	< 0.5	18	77	67	>15.00	10	< 1	0.38	10
9427	203	238	14	6	5	1.58	0.8	30	1180	< 0.5	< 2	0.07	< 0.5	10	60	44	5.37	< 10	< 1	0.39	10
9428	203	238	4	< 2	< 5	1.16	0.6	15	370	< 0.5	2	0.06	< 0.5	5	76	26	3.17	< 10	< 1	0.15	20
9429	203	238	12	2	< 5	1.53	0.4	65	1310	< 0.5	< 2	0.11	< 0.5	10	119	29	4.69	< 10	< 1	0.39	20
9430	203	238	10	< 2	< 5	1.28	0.2	30	660	< 0.5	< 2	0.08	0.5	9	87	46	5.63	< 10	< 1	0.21	20
9431	203	238	6	2	10	1.42	0.4	35	1190	< 0.5	< 2	0.31	0.5	15	67	53	3.76	< 10	< 1	0.24	30
9432	203	238	4	< 4	< 10	1.26	< 0.2	30	630	< 0.5	< 2	0.11	< 0.5	6	77	32	2.47	< 10	< 1	0.20	20
9433	203	238	8	< 8	< 20	1.25	0.6	30	740	< 0.5	< 2	0.08	< 0.5	7	85	17	2.79	< 10	< 1	0.30	20
9434	203	238	< 16	< 16	< 40	0.91	< 0.2	5	830	< 0.5	< 2	0.16	< 0.5	6	59	14	1.99	< 10	< 1	0.15	20
9435	203	238	8	< 8	< 20	1.56	< 0.2	50	1420	< 0.5	< 2	0.06	1.0	10	52	49	4.08	< 10	< 1	0.14	20
9436	203	238	8	2	< 5	1.19	< 0.2	10	1110	< 0.5	2	0.42	< 0.5	5	46	15	1.60	< 10	< 1	0.09	20
9437	203	238	8	2	< 5	1.64	< 0.2	30	740	< 0.5	2	1.38	1.5	17	55	53	3.19	< 10	< 1	0.20	30
9438	203	238	8	2	10	1.49	< 0.2	15	790	< 0.5	2	0.78	1.5	13	49	40	3.06	< 10	4	0.14	20
9439	203	238	< 16	< 16	< 40	14.40	< 0.2	20	60	4.5	< 2	0.24	3.5	2	32	529	12.65	< 10	< 1	0.03	< 10
9440	203	238	< 40	< 40	< 100	1.02	1.4	45	1030	< 0.5	< 2	0.03	0.5	2	48	17	5.23	< 10	< 1	0.43	20

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WHITEHORSE, Y.T.
Y1A 3S9

Project : NDU (NICK)

Comments :

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Tot. P ?
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Invoice # I-8816324
P.O. # NONE

CERTIFICATE OF ANALYSIS A8816324

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9405	203	238	0.43	347	50	0.01	427	1290	18	5	8	98	0.02	< 10	< 10	401	< 5	692
9406	203	238	1.64	712	35	0.02	107	1160	6	5	5	265	0.02	< 10	< 10	193	5	200
9407	203	238	0.53	349	17	0.01	151	550	16	< 5	5	43	0.05	< 10	< 10	153	< 5	353
9408	203	238	0.45	307	23	0.02	178	1030	18	< 5	6	92	0.04	< 10	< 10	263	5	400
9409	203	238	0.50	198	16	0.01	111	840	8	5	4	55	0.05	< 10	< 10	218	5	281
9410	203	238	0.72	321	11	0.03	97	960	4	< 5	5	89	0.07	< 10	< 10	178	< 5	231
9411	203	238	0.34	167	28	0.01	120	570	12	< 5	4	38	0.06	< 10	< 10	238	< 5	261
9412	203	238	0.37	369	74	0.01	202	1820	2	10	17	57	0.04	< 10	< 10	251	< 5	352
9413	203	238	0.35	528	37	0.01	307	1470	2	5	6	31	0.03	< 10	< 10	390	< 5	556
9414	203	238	0.78	416	16	0.02	125	1080	6	< 5	6	70	0.06	< 10	< 10	286	5	275
9415	203	238	0.67	348	8	0.02	90	920	12	< 5	5	49	0.07	< 10	< 10	170	< 5	201
9416	203	238	0.64	363	9	0.03	94	930	16	< 5	6	50	0.06	< 10	< 10	155	< 5	205
9417	203	238	0.31	247	14	0.01	83	530	18	< 5	3	33	0.06	< 10	< 10	314	< 5	189
9418	203	238	0.37	256	19	0.02	88	760	6	< 5	4	40	0.05	< 10	< 10	276	< 5	242
9419	203	238	0.33	222	17	0.01	70	640	10	< 5	3	31	0.05	< 10	< 10	263	< 5	215
9420	203	238	0.26	74	37	0.01	97	330	10	< 5	2	37	0.03	< 10	< 10	402	< 5	198
9421	203	238	0.29	135	15	0.01	62	260	20	5	3	20	0.05	< 10	< 10	289	< 5	148
9422	203	238	0.33	150	13	0.02	63	270	10	< 5	3	21	0.05	< 10	< 10	272	< 5	151
9423	203	238	0.29	136	15	0.01	62	310	8	< 5	3	19	0.05	< 10	< 10	268	< 5	149
9424	203	238	0.17	73	83	0.04	55	760	16	5	3	119	0.04	< 10	< 10	166	< 5	96
9425	203	238	0.27	139	94	0.01	244	810	18	5	3	51	0.04	< 10	< 10	205	< 5	280
9426	203	238	0.23	108	92	0.01	43	2280	24	10	4	109	0.04	< 10	< 10	283	< 5	130
9427	203	238	0.28	108	109	0.02	32	740	26	5	4	52	0.04	< 10	< 10	175	< 5	95
9428	203	238	0.20	81	51	0.01	27	290	18	< 5	2	22	0.07	< 10	< 10	204	< 5	76
9429	203	238	0.41	131	69	0.02	57	650	20	< 5	4	52	0.05	< 10	< 10	321	< 5	211
9430	203	238	0.29	113	74	0.01	57	800	20	5	3	59	0.05	< 10	< 10	241	< 5	158
9431	203	238	0.41	208	63	0.01	190	950	14	5	5	151	0.04	< 10	< 10	283	< 5	294
9432	203	238	0.28	86	49	0.01	90	400	10	5	3	42	0.04	< 10	< 10	356	< 5	203
9433	203	238	0.26	115	45	0.02	57	380	16	< 5	3	39	0.04	< 10	< 10	271	< 5	151
9434	203	238	0.20	91	26	0.01	40	240	8	< 5	2	30	0.04	< 10	< 10	158	< 5	100
9435	203	238	0.15	61	44	0.01	98	790	16	< 5	3	129	0.02	< 10	< 10	318	< 5	260
9436	203	238	0.40	129	8	0.01	50	630	10	< 5	3	46	0.04	< 10	< 10	152	< 5	149
9437	203	238	0.75	392	14	0.02	128	980	8	< 5	6	73	0.06	< 10	< 10	149	< 5	318
9438	203	238	0.65	305	10	0.01	88	840	8	5	5	45	0.06	< 10	< 10	102	5	210
9439	203	238	0.02	18	9	0.01	32	30	8	< 5	13	106	< 0.01	< 10	170	65	< 5	366
9440	203	238	0.11	71	124	0.03	13	770	44	15	2	32	0.03	10	< 10	93	< 5	34

CERTIFICATION : _____



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WHITEHORSE, Y.T.

Y1A 3S9

Project : NDU(NICK)

Comments:

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Total : 3

Date : 21-JUN-88

Invoice # : I-8816869

P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816869

SAMPLE DESCRIPTION	PREP CODE		Au	Pd	Pt	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
			ppb AFS	ppb AFS	ppb AFS	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
S 09466	203	238	4	< 2	< 5	1.46	< 0.2	25	460	0.5	2	0.25	0.5	10	50	36	2.79	< 10	< 1	0.15	10
S 09467	203	238	4	2	< 5	1.86	< 0.2	10	880	0.5	< 2	0.18	0.5	7	50	32	3.09	< 10	< 1	0.20	10
S 09468	203	238	6	6	15	2.20	0.6	55	980	< 0.5	4	0.05	< 0.5	8	60	40	5.19	< 10	1	0.27	10
S 09469	203	238	4	4	< 5	1.42	< 0.2	25	470	< 0.5	2	0.04	< 0.5	5	41	37	4.08	< 10	< 1	0.15	10
S 09470	203	238	2	2	< 5	1.35	0.2	20	500	< 0.5	< 2	0.08	< 0.5	2	43	17	2.57	< 10	< 1	0.14	10
S 09480	203	238	4	< 2	< 5	1.59	0.2	20	370	0.5	< 2	0.71	3.0	11	66	37	2.41	< 10	< 1	0.14	40
S 09481	203	238	2	2	< 5	0.91	1.0	20	230	0.5	< 2	6.03	7.0	7	69	44	1.04	20	2	0.16	< 10
S 09482	203	238	2	4	< 5	0.73	0.6	20	240	0.5	< 2	11.35	6.0	7	59	46	1.15	30	2	0.15	< 10
S 09483	203	238	8	4	< 5	1.30	0.4	< 5	520	0.5	2	0.77	3.0	9	50	46	2.66	< 10	< 1	0.14	20
S 09484	203	238	4	4	< 5	1.32	0.2	10	360	0.5	< 2	3.02	2.5	10	58	45	2.52	10	< 1	0.17	20
S 09485	203	238	4	2	< 5	1.29	0.6	10	440	0.5	2	0.59	2.5	9	50	40	2.82	< 10	3	0.15	20
S 09486	203	238	2	< 2	< 5	1.44	< 0.2	5	700	< 0.5	2	0.23	1.0	8	44	27	3.03	< 10	< 1	0.13	10
S 09487	203	238	4	< 2	< 5	1.49	< 0.2	20	860	< 0.5	< 2	0.18	< 0.5	7	48	22	2.82	< 10	< 1	0.14	20
S 09488	203	238	< 2	< 2	< 5	0.89	0.2	< 5	440	< 0.5	< 2	0.04	< 0.5	2	47	8	1.26	< 10	1	0.13	20
S 09489	203	238	4	< 2	< 5	1.13	< 0.2	20	470	< 0.5	2	0.04	< 0.5	7	50	19	3.13	< 10	< 1	0.18	20
S 09490	203	238	8	4	< 5	2.30	1.2	5	930	< 0.5	< 2	0.04	0.5	4	45	29	3.60	< 10	3	0.19	10

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BOX 4127, 3125 3RD AVE.

WHITEHORSE, Y.T.

Y1A 3S9

Project: NDU(NICK)

Comments:

Pay : 3-B
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CERTIFICATE OF ANALYSIS A8816869

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Ti	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
S 09466	203	238	0.45	131	11	0.01	71	540	16	< 5	4	38	0.01	< 10	< 10	141	< 5	198
S 09467	203	238	0.52	178	10	0.01	50	510	24	< 5	5	30	0.01	< 10	< 10	133	< 5	149
S 09468	203	238	0.35	167	35	0.02	45	970	18	< 5	4	41	0.02	< 10	< 10	198	< 5	136
S 09469	203	238	0.29	154	19	0.01	28	940	20	< 5	3	27	0.01	< 10	< 10	102	< 5	81
S 09470	203	238	0.35	59	12	0.01	22	330	18	< 5	2	22	0.02	< 10	< 10	95	< 5	53
S 09480	203	238	0.53	371	15	0.02	99	1000	24	< 5	5	72	0.07	< 10	< 10	247	< 5	248
S 09481	203	238	0.42	134	34	0.01	147	1040	8	5	3	477	0.01	< 10	< 10	697	< 5	437
S 09482	203	238	0.61	115	33	0.01	144	970	4	5	3	745	0.01	< 10	< 10	430	< 5	481
S 09483	203	238	0.51	188	13	0.01	96	740	10	< 5	4	74	0.02	< 10	< 10	178	< 5	312
S 09484	203	238	0.73	176	16	0.02	126	850	22	< 5	4	198	0.04	< 10	< 10	175	5	428
S 09485	203	238	0.44	156	18	0.02	100	750	14	< 5	4	74	0.02	< 10	< 10	201	< 5	331
S 09486	203	238	0.42	249	10	0.01	54	590	14	< 5	3	38	0.01	< 10	< 10	132	< 5	189
S 09487	203	238	0.45	140	11	0.01	34	700	20	< 5	3	34	0.03	< 10	< 10	90	< 5	101
S 09488	203	238	0.08	48	21	0.01	12	400	14	< 5	1	15	0.03	< 10	< 10	106	< 5	34
S 09489	203	238	0.32	191	26	0.01	37	430	8	< 5	2	24	0.01	< 10	< 10	82	< 5	98
S 09490	203	238	0.32	82	36	0.01	25	960	38	< 5	4	47	0.03	< 10	< 10	118	< 5	58

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Total Pages: 3
Date: 21-JUN-88
Invoice #: I-8816869
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8816869

SAMPLE DESCRIPTION	PREP CODE		Au	Pd	Pt	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
			ppb AFS	ppb AFS	ppb AFS	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
S 09243	203	238	8	12	10	1.49	3.6	40	790	1.0	2	1.86	11.5	< 1	103	165	1.99	< 10	< 1	0.19	40
S 09244	203	238	< 4	< 4	< 10	0.68	0.6	10	460	< 0.5	< 2	1.88	3.0	< 1	79	24	1.06	< 10	< 1	0.10	20
S 09264	203	238	2	2	5	0.48	1.8	15	340	0.5	2	>15.00	6.5	< 1	75	32	0.81	< 10	< 1	0.11	< 10
S 09268	203	238	2	2	5	5.95	0.4	30	320	3.0	6	1.18	7.0	27	66	230	7.70	< 10	3	0.10	30
S 09269	203	238	4	4	< 5	0.97	0.6	30	630	< 0.5	6	0.06	0.5	17	54	45	7.47	< 10	< 1	0.20	< 10
S 09272	203	238	4	4	< 5	1.31	0.4	35	610	< 0.5	< 2	0.11	1.0	18	71	86	10.25	< 10	< 1	0.18	10
S 09275	203	238	4	8	< 5	1.24	2.0	25	380	0.5	4	4.59	13.0	< 1	99	92	1.52	< 10	7	0.29	< 10
S 09276	203	238	4	2	< 5	1.54	0.6	15	710	0.5	2	0.12	1.0	26	47	67	3.57	< 10	< 1	0.16	10
S 09277	203	238	2	2	< 5	0.84	1.4	25	1320	0.5	4	9.58	9.5	7	99	50	1.36	< 10	1	0.15	< 10
S 09335	203	238	4	< 4	< 10	0.98	3.2	30	800	0.5	< 2	1.15	19.0	< 1	139	43	0.92	< 10	4	0.18	30
S 09336	203	238	8	< 4	< 10	0.98	0.8	< 5	430	0.5	4	1.05	7.0	< 1	102	22	1.15	< 10	1	0.14	30
S 09337	203	238	6	4	15	1.98	2.6	40	460	0.5	< 2	0.15	2.5	10	92	40	2.54	< 10	1	0.15	30
S 09338	203	238	8	6	< 5	2.34	1.6	40	800	0.5	2	0.08	< 0.5	5	72	34	3.58	10	< 1	0.21	30
S 09339	203	238	6	4	< 5	1.09	1.0	45	1280	< 0.5	< 2	0.42	0.5	4	55	27	2.68	10	< 1	0.30	20
S 09340	203	238	8	6	< 5	1.52	1.2	35	1320	0.5	< 2	0.12	1.5	8	68	38	2.42	< 10	< 1	0.22	30
S 09341	203	238	6	4	< 5	1.38	1.6	25	960	< 0.5	4	0.13	1.0	5	74	21	2.36	< 10	3	0.22	20
S 09342	203	238	4	< 2	< 5	1.20	1.4	30	690	< 0.5	4	0.10	0.5	5	92	17	2.38	< 10	< 1	0.20	20
S 09343	203	238	4	4	< 5	0.90	0.8	5	620	< 0.5	< 2	1.26	3.0	6	51	46	1.43	< 10	< 1	0.11	20
S 09353	203	238	4	4	< 5	0.95	1.2	20	620	0.5	< 2	7.46	3.0	7	82	63	1.24	20	2	0.19	< 10
S 09354	203	238	4	4	< 5	0.96	0.8	25	560	0.5	4	1.43	4.5	11	70	78	1.70	10	1	0.16	30
S 09355	203	238	4	2	10	0.90	1.2	15	490	0.5	< 2	5.30	4.0	6	51	63	1.08	10	< 1	0.07	< 10
S 09356	203	238	6	4	< 5	1.42	0.8	45	720	0.5	6	0.89	7.5	16	71	64	3.56	10	< 1	0.17	50
S 09357	203	238	6	6	< 5	1.20	1.4	60	700	0.5	< 2	2.79	6.5	13	65	102	2.49	10	1	0.29	40
S 09358	203	238	4	2	10	0.96	0.6	15	680	0.5	< 2	0.79	3.0	7	68	46	1.61	< 10	1	0.17	40
S 09359	203	238	2	< 2	< 5	0.93	1.0	25	500	< 0.5	6	0.41	1.0	7	77	23	1.85	< 10	2	0.16	30
S 09360	203	238	6	6	10	1.49	1.4	35	640	0.5	< 2	2.61	6.0	16	84	89	2.27	10	1	0.22	30
S 09361	203	238	6	4	< 5	1.42	1.4	30	740	0.5	< 2	2.79	4.5	14	81	69	2.28	10	< 1	0.19	30
S 09362	203	238	4	2	< 5	3.24	0.2	25	590	2.0	6	0.27	10.0	97	47	168	8.50	< 10	< 1	0.20	30
S 09363	203	238	2	2	5	5.23	0.6	20	360	3.0	10	0.35	19.5	169	40	226	11.10	< 10	< 1	0.13	40
S 09366	203	238	4	4	5	1.12	0.4	20	680	0.5	< 2	4.19	9.5	17	69	55	2.60	10	1	0.18	< 10
S 09454	203	238	4	2	5	1.47	0.6	25	1070	0.5	4	0.88	1.0	9	53	38	2.90	< 10	< 1	0.12	20
S 09455	203	238	6	< 2	< 5	0.82	0.4	10	520	< 0.5	< 2	0.32	2.5	7	55	25	1.63	< 10	< 1	0.12	20
S 09456	203	238	4	2	< 5	1.06	0.6	15	760	0.5	2	1.10	6.0	8	58	59	1.92	< 10	3	0.13	30
S 09457	203	238	6	4	< 5	1.06	0.6	30	680	< 0.5	< 2	0.14	< 0.5	2	42	15	2.87	< 10	< 1	0.10	20
S 09458	203	238	2	< 2	< 5	1.07	0.2	35	370	< 0.5	< 2	0.06	0.5	3	49	59	6.98	< 10	< 1	0.12	20
S 09460	203	238	4	2	< 5	1.20	0.2	15	350	< 0.5	< 2	0.05	0.5	4	52	58	7.14	10	< 1	0.12	20
S 09462	203	238	6	4	5	2.75	0.6	25	640	0.5	< 2	0.04	1.0	12	59	86	5.86	< 10	1	0.24	10
S 09463	203	238	4	4	5	1.77	0.6	20	620	1.0	< 2	0.84	3.0	10	81	43	2.32	10	1	0.18	40
S 09464	203	238	4	2	< 5	1.48	0.4	15	340	0.5	< 2	1.67	6.0	9	66	38	2.01	10	< 1	0.15	30
S 09465	203	238	4	6	10	1.25	0.4	20	540	0.5	4	1.39	4.0	5	70	48	1.65	< 10	2	0.14	40

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ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127, 3125 3RD AVE.
 WHITEHORSE, Y.T.
 Y1A 3S9

Project : NDU(NICK)
 Comments :

Pay : 2-B
 To : 608:3
 Date : 21-JUN-88
 Invoice # : I-8816869
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816869

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Tl	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
S 09243	203	238	0.64	192	78	0.01	481	1190	12	5	7	98	0.02	< 10	< 10	912	5	2690
S 09244	203	238	0.14	179	29	< 0.01	104	730	14	5	3	90	0.01	< 10	< 10	212	< 5	214
S 09264	203	238	0.39	72	35	0.01	163	920	10	5	2	1065	0.01	< 10	< 10	500	5	541
S 09268	203	238	0.29	234	72	< 0.01	263	990	8	< 5	6	160	< 0.01	< 10	30	433	15	886
S 09269	203	238	0.22	127	31	0.05	61	1100	18	5	3	96	0.02	< 10	< 10	162	5	141
S 09272	203	238	0.22	79	86	0.02	114	1110	4	5	6	49	< 0.01	< 10	< 10	172	10	222
S 09275	203	238	0.84	96	42	< 0.01	309	1020	14	< 5	4	403	0.01	< 10	< 10	1195	5	1525
S 09276	203	238	0.32	442	33	0.01	94	760	20	5	3	69	0.01	< 10	< 10	237	5	296
S 09277	203	238	0.98	186	51	0.01	250	1810	10	5	3	1030	0.02	< 10	< 10	1000	5	874
S 09335	203	238	0.23	173	39	0.01	105	1730	6	< 5	4	88	0.01	< 10	< 10	1530	5	914
S 09336	203	238	0.28	286	24	0.01	86	850	12	< 5	3	48	0.01	< 10	< 10	597	< 5	577
S 09337	203	238	0.47	225	61	< 0.01	194	810	20	< 5	4	31	0.03	< 10	< 10	541	5	484
S 09338	203	238	0.31	168	54	< 0.01	57	550	18	< 5	5	39	0.04	< 10	< 10	446	< 5	149
S 09339	203	238	0.26	97	94	0.02	74	1080	14	< 5	3	125	0.03	< 10	< 10	257	< 5	225
S 09340	203	238	0.24	217	59	0.01	62	1040	16	< 5	4	85	0.04	< 10	< 10	295	< 5	219
S 09341	203	238	0.28	140	45	0.01	52	910	16	< 5	3	62	0.03	< 10	< 10	283	< 5	168
S 09342	203	238	0.27	133	51	0.01	58	600	14	< 5	2	41	0.04	< 10	< 10	354	< 5	160
S 09343	203	238	0.26	192	26	0.01	136	700	12	5	3	75	0.02	< 10	< 10	187	< 5	211
S 09353	203	238	0.35	83	45	< 0.01	229	840	< 2	5	4	222	0.01	< 10	< 10	641	5	493
S 09354	203	238	0.48	192	55	< 0.01	304	950	12	< 5	3	64	0.01	< 10	< 10	381	< 5	418
S 09355	203	238	0.37	449	21	0.01	126	1450	4	< 5	1	117	0.01	< 10	< 10	297	5	247
S 09356	203	238	0.28	272	103	0.01	458	960	8	< 5	4	51	0.03	< 10	< 10	539	5	1010
S 09357	203	238	0.37	318	96	0.01	441	2030	16	5	5	110	0.02	< 10	< 10	595	5	705
S 09358	203	238	0.23	326	53	< 0.01	176	1000	18	< 5	3	39	0.01	< 10	< 10	565	< 5	332
S 09359	203	238	0.13	114	55	0.01	134	550	8	5	2	21	0.02	< 10	< 10	593	< 5	371
S 09360	203	238	0.57	365	60	0.01	527	1380	18	< 5	5	138	0.02	< 10	< 10	485	< 5	680
S 09361	203	238	0.39	211	66	0.01	548	970	10	< 5	4	149	0.02	< 10	< 10	372	5	661
S 09362	203	238	0.35	1365	47	0.02	261	730	< 2	< 5	5	76	< 0.01	< 10	< 10	281	5	959
S 09363	203	238	0.27	3090	52	0.01	365	650	< 2	< 5	6	83	< 0.01	< 10	20	281	10	1410
S 09366	203	238	0.25	205	44	0.01	251	960	< 2	< 5	3	271	0.01	< 10	< 10	439	5	966
S 09454	203	238	0.34	245	43	0.01	134	1170	24	< 5	3	70	0.02	< 10	< 10	350	< 5	336
S 09455	203	238	0.28	211	35	0.01	137	810	12	< 5	3	52	0.03	< 10	< 10	298	< 5	382
S 09456	203	238	0.36	233	33	0.01	176	980	20	< 5	4	103	0.02	< 10	< 10	343	< 5	463
S 09457	203	238	0.30	67	76	0.01	17	770	26	< 5	2	38	0.04	< 10	< 10	93	< 5	38
S 09458	203	238	0.36	89	159	< 0.01	45	780	6	< 5	1	21	0.03	< 10	< 10	328	< 5	87
S 09460	203	238	0.39	99	160	< 0.01	50	650	6	< 5	2	18	0.04	< 10	< 10	348	5	91
S 09462	203	238	1.10	288	113	0.01	145	770	14	< 5	4	116	0.01	< 10	< 10	237	5	147
S 09463	203	238	0.51	244	39	0.01	216	1010	20	< 5	5	81	0.04	< 10	< 10	624	< 5	658
S 09464	203	238	0.47	253	24	0.01	131	1070	12	< 5	5	147	0.04	< 10	< 10	414	< 5	406
S 09465	203	238	0.44	102	20	0.01	152	1300	4	5	4	128	0.03	< 10	< 10	541	5	482

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BOX 4127
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Project : NICK(NDU)

Comments:

Page No :
Tot. P :
Date : 9-AUG-88
Invoice # : I-8820070
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820070

SAMPLE DESCRIPTION	PREP CODE	Au ppb AFS	Pd ppb AFS	Pt ppb AFS						
S 9651	203 ---	22	< 2	< 5						
S 9652	203 ---	2	< 2	< 5						
S 9653	203 ---	6	< 2	< 5						
S 9654	203 ---	< 2	< 2	< 5						
S 9655	203 ---	2	< 2	< 5						
S 9656	203 ---	< 2	< 2	< 5						
S 9657	203 ---	< 2	< 2	< 5						
S 9658	203 ---	2	< 2	< 5						
S 9659	203 ---	< 2	< 2	< 5						
S 9660	203 ---	2	< 2	< 5						
S 9661	203 ---	< 4	< 4	< 5						
S 9662	203 ---	< 2	< 2	< 5						
S 9663	203 ---	4	4	< 5						
S 9664	203 ---	4	4	< 5						
S 9665	203 ---	4	4	< 5						
S 9666	203 ---	4	4	< 5						
S 9667	203 ---	6	6	< 5						
S 9668	203 ---	4	2	< 5						
S 9669	203 ---	4	4	< 5						
S 9670	203 ---	4	4	< 5						
S 9671	203 ---	2	< 2	< 5						
S 9686	203 ---	8	< 2	< 5						
S 9687	203 ---	2	2	< 5						
S 9688	203 ---	4	2	< 5						
S 9689	203 ---	4	2	< 5						
S 9699	217 ---	4	< 2	< 5						

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BOX 4127
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Project : NICK (NDU)

Comments :

Page : 1-A
Tot : 1
Date : 9-AUG-88
Invoice # : 1-8820071
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820071

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
S 9651	299	238	0.85	< 0.2	5	230	0.5	< 2	>15.00	4.0	10	43	52	1.37	20	1	0.13	< 10	1.78	203	14
S 9652	299	238	4.01	0.4	< 5	430	1.5	< 2	5.85	20.0	60	60	246	8.92	< 10	< 1	0.12	10	0.63	1005	37
S 9653	299	238	1.46	< 0.2	20	680	0.5	< 2	8.05	10.5	21	67	91	2.37	< 10	1	0.20	< 10	1.22	336	36
S 9654	299	238	2.34	0.4	15	480	0.5	< 2	2.88	18.0	107	55	127	5.01	< 10	1	0.15	30	0.51	1990	36
S 9655	299	238	3.87	0.2	15	490	< 0.5	< 2	0.56	5.0	10	50	122	10.75	< 10	< 1	0.14	10	0.28	238	62
S 9656	299	238	0.22	< 0.2	< 5	120	< 0.5	< 2	>15.00	1.5	6	11	12	0.72	30	< 1	0.03	< 10	0.31	592	6
S 9657	299	238	4.98	0.8	< 5	140	< 0.5	< 2	0.47	2.0	< 1	43	127	>15.00	< 10	< 1	0.06	< 10	0.14	119	54
S 9658	299	238	1.11	< 0.2	45	360	1.0	< 2	4.77	4.0	11	65	36	2.35	< 10	1	0.16	10	0.67	229	64
S 9659	299	238	1.12	< 0.2	5	400	0.5	< 2	10.95	8.0	6	60	44	2.76	10	1	0.17	< 10	1.15	189	36
S 9660	299	238	1.64	0.6	15	850	0.5	< 2	1.16	5.0	25	56	59	3.00	< 10	< 1	0.20	20	0.42	382	21
S 9661	299	238	3.23	1.0	15	810	1.0	< 2	1.15	17.5	27	68	71	6.05	< 10	1	0.20	30	0.30	327	48
S 9662	299	238	0.27	< 0.2	< 5	160	< 0.5	< 2	>15.00	1.5	< 1	16	9	0.48	20	< 1	0.04	< 10	10.50	250	5
S 9663	299	238	1.11	0.2	15	690	0.5	< 2	5.57	10.0	13	74	54	2.04	< 10	2	0.23	10	0.41	194	45
S 9664	299	238	2.12	0.8	25	900	0.5	< 2	3.01	14.0	19	75	113	3.29	< 10	2	0.26	30	0.53	246	60
S 9665	299	238	1.71	< 0.2	25	560	0.5	< 2	8.78	11.5	18	90	65	1.74	10	3	0.28	< 10	0.86	236	57
S 9666	299	238	0.77	< 0.2	< 5	310	< 0.5	< 2	>15.00	6.0	5	46	29	0.94	20	< 1	0.29	< 10	1.77	119	25
S 9667	299	238	1.64	< 0.2	30	310	0.5	< 2	8.71	13.0	20	88	84	2.07	< 10	3	0.24	< 10	0.78	263	53
S 9668	299	238	3.05	0.8	20	600	< 0.5	4	2.01	12.0	118	63	278	12.55	< 10	< 1	0.17	20	0.72	2390	42
S 9669	299	238	2.70	0.4	10	390	< 0.5	2	0.23	3.5	37	63	174	12.25	< 10	< 1	0.17	10	0.36	701	43
S 9670	299	238	0.74	0.4	25	600	< 0.5	< 2	4.46	8.5	10	41	76	2.58	< 10	< 1	0.23	10	0.28	191	35
S 9671	299	238	1.06	0.2	55	180	< 0.5	< 2	0.11	1.5	3	82	64	>15.00	< 10	< 1	0.10	< 10	0.21	97	45
S 9686	299	238	1.22	1.8	15	530	< 0.5	< 2	0.13	0.5	4	98	133	>15.00	< 10	< 1	0.13	10	0.20	93	18
S 9687	299	238	3.16	0.6	20	500	2.0	< 2	3.26	16.5	80	57	209	8.36	< 10	< 1	0.20	30	0.59	1370	56
S 9688	299	238	5.39	0.2	25	430	3.5	< 2	1.64	16.0	65	65	231	11.35	< 10	< 1	0.16	30	0.47	893	62
S 9689	299	238	2.62	< 0.2	35	680	1.0	< 2	10.50	7.0	26	49	108	8.42	20	< 1	0.19	< 10	0.48	186	57
S 9699	299	238	>15.00	0.4	< 5	160	6.5	< 2	0.61	27.0	242	10	115	1.45	< 10	< 1	0.02	10	0.05	5170	24

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Project : NICK(NDU)

Comments :

Page : 1-B
Tot. : 1
Date : 9-AUG-88
Invoice # : I-8820071
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820071

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S 9651	299	238	0.01	145	560	126	< 5	2	298	0.02	10	< 10	222	< 5	451
S 9652	299	238	0.01	479	1060	8	< 5	10	286	0.01	10	40	239	< 5	1890
S 9653	299	238	0.02	333	1180	66	< 5	4	529	0.01	10	< 10	379	< 5	1130
S 9654	299	238	0.02	465	1170	10	< 5	4	345	0.01	10	10	441	< 5	1570
S 9655	299	238	0.02	112	790	24	5	6	105	< 0.01	10	20	156	< 5	596
S 9656	299	238	0.01	60	150	2	< 5	1	1285	< 0.01	< 10	< 10	55	< 5	192
S 9657	299	238	0.01	45	490	6	< 5	6	46	< 0.01	20	30	240	< 5	230
S 9658	299	238	0.01	412	870	10	5	4	325	0.02	10	20	332	< 5	3390
S 9659	299	238	0.01	171	880	14	< 5	4	663	0.01	< 10	< 10	405	< 5	802
S 9660	299	238	0.02	175	890	14	< 5	3	150	0.01	10	< 10	221	< 5	894
S 9661	299	238	0.01	491	1120	22	5	4	155	0.02	< 10	20	555	< 5	2650
S 9662	299	238	0.02	28	120	8	< 5	1	69	< 0.01	< 10	< 10	52	< 5	162
S 9663	299	238	0.02	260	1280	18	< 5	3	353	0.02	< 10	< 10	636	< 5	1065
S 9664	299	238	0.02	456	1460	12	< 5	4	263	0.02	10	20	636	< 5	1795
S 9665	299	238	0.01	358	1200	16	< 5	4	655	0.01	10	10	895	< 5	1405
S 9666	299	238	0.01	94	880	6	< 5	3	540	< 0.01	< 10	< 10	315	< 5	355
S 9667	299	238	0.01	394	1250	20	< 5	4	703	0.01	< 10	< 10	842	< 5	1485
S 9668	299	238	0.03	533	1390	6	< 5	9	152	< 0.01	20	30	277	< 5	1425
S 9669	299	238	0.03	180	1080	14	< 5	10	65	< 0.01	10	< 10	214	< 5	579
S 9670	299	238	0.06	180	880	10	< 5	3	203	< 0.01	10	< 10	229	< 5	742
S 9671	299	238	0.01	54	4710	6	5	8	28	0.01	30	10	283	< 5	193
S 9686	299	238	0.02	47	860	10	5	11	54	0.01	10	< 10	97	< 5	235
S 9687	299	238	0.02	462	1160	8	5	7	293	< 0.01	30	50	400	10	1590
S 9688	299	238	0.01	443	1410	20	5	8	231	< 0.01	10	70	456	5	1565
S 9689	299	238	0.02	358	1110	10	< 5	5	278	< 0.01	10	20	198	10	1250
S 9699	299	238	0.01	794	250	26	< 5	1	32	< 0.01	20	30	14	< 5	2280

CERTIFICATION : _____

APPENDIX V
GSC STREAM SEDIMENT ASSAYS

GSC SILT SAMPLES
(all results in ppm)

<u>Sample #</u>	<u>Cu</u>	<u>Pb</u>	<u>Co</u>	<u>Fe</u>	<u>Ni</u>	<u>U</u>	<u>Zn</u>	<u>Ba</u>	<u>Hg</u>	<u>Mo</u>	<u>Ag</u>
1035	48	8	7	1.75	155	7.9	1170	9999	---	16	1.2
1036	37	5	7	1.00	138	11.5	660	9999	---	18	0.2
1037	34	4	6	1.45	44	4.1	240	860	---	10	0.1
1038	12	26	2	0.40	12	1.6	163	2000	---	3	0.1
1039	9	18	1	0.20	7	0.6	91	420	---	2	0.1
1132	40	6	9	0.95	214	8.9	1800	3550	---	15	0.1
1133	130	6	31	3.25	320	38.8	1930	3000	---	51	0.4
1134	11	17	2	0.40	11	1.4	112	520	---	5	0.1
1137	93	17	14	1.45	22	2.1	104	320	---	3	0.1
1138	9	4	1	0.20	7	0.8	70	240	---	4	0.1
1139	8	12	1	0.25	4	0.8	88	250	---	3	0.1
1140	10	7	1	0.35	15	1.7	110	500	---	5	0.1
1142	15	8	2	0.50	26	2.6	170	840	---	10	0.1
1143	61	5	11	1.50	214	13.9	1080	2500	---	52	0.5
1144	8	18	2	0.25	5	1.1	82	260	---	3	0.1
1145	55	5	20	1.40	165	13.3	640	1640	---	32	0.1
1146	61	4	17	1.35	263	12.6	1310	1760	---	56	0.6
1147	53	4	25	1.45	172	13.5	640	1980	---	32	0.1
1148	51	4	23	1.45	168	13.8	620	2000	---	32	0.4
5563	22	4	5	0.75	56	10.3	300	1800	120	10	0.1
5565	128	5	58	4.20	440	35.8	2000	2550	130	26	0.1
5566	78	4	42	2.90	260	32.2	1400	2300	140	21	0.1
5567	20	11	13	1.95	31	2.3	158	500	60	5	0.1
5568	18	10	13	1.95	32	2.4	164	600	40	5	0.1
5569	16	35	3	0.60	41	3.4	225	540	60	15	0.2
5570	42	1	1	2.20	290	23.6	50	160	60	20	0.1
5571	92	9	59	3.35	98	17.8	1440	3000	152	34	0.1
5573	28	10	8	1.00	55	4.2	465	1340	180	8	0.6
5575	24	6	6	0.80	100	13.5	240	1200	130	38	0.1
5576	38	7	9	0.65	125	6.5	490	820	130	16	0.2
5577	44	9	15	1.05	145	9.1	550	1600	140	21	0.2
5578	186	6	34	3.75	270	22.8	1120	2050	180	34	0.1
5579	2200	7	32	3.70	235	20.8	990	2400	170	33	0.4
5580	40	9	5	0.60	120	8.3	480	540	160	19	0.1
5582	10	14	1	0.30	13	2.1	66	220	40	6	0.1
5583	18	9	3	0.55	44	3.5	166	800	60	10	0.1

APPENDIX VI

DRILL LOGS

Elevation
Coordinates
Dip
Azimuth

Drill contractor
Hole started
Target

Logged by
completed

Total depth
Core size

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy										Sample Number	Assay Interval	Assay Results					
																				Ni ppm	Co ppm	Mo ppm	Zn ppm
																1818A	50.3-53.34	190	15	35	774	0.4	15
55	100%		68°	52.91 - BROKEN, BLACK LAMINATED CHERTY ARGILLITE, BEDS 1 TO 10cm THICK. WHITE SILICATE COMPRISES 5% OF ROCK AS CRENULATED BANDS UP TO 3cm THICK. SHALE LAYERS DISAPPEAR.												1819A	53.34-56.39	188	16	37	551	0.2	10
																1820A	56.39-59.65	902	10	144	489	0.4	65
60	100%		65°	59.13 - 59.23 - N/S HORIZON: 10 cm of MASSIVE SULPHIDE, PY AND VAESITE?, AS CONVULATED BANDS, 1 TO 5mm THICK. INTERPERSED BY THIN GRAPHITIC SHALE LAMELAE.												1801A	59.13-59.23	2.9%	131	1570	6590	6.8	1985
																1821A	59.23-62.48	295	9	88	431	<0.2	35
65				59.23-60 - IRREGULAR SILICATE BANDS CONTAINING BRECCIATED BLACK CHERT FRAGMENTS 60-61.08 - HARD BLACK SHALE, FRACTURED NEAR PARALLEL TO CORE AXIS 61.08 - 77.42 LIMESTONE BALL MEMBER WITH SILICEOUS SHALE OR CHERT/ARGILLITE BETWEEN BALLS.												1822A	62.48-64.62	155	6	46	244	<0.2	15
																1823A	64.62-64.92	83	2	26	181	<0.2	5
70	100%			61.35-67.0 - SILICEOUS SHALE, LOCALLY FRACTURED PARALLEL TO CORE AXIS 67-69 - LIMESTONE												1824A	64.92-66.29	249	12	74	445	<0.2	25
																1825A	66.29-67.97	47	2	15	100	<0.2	5
75	98%			69.0-69.5 - CHERTY ARGILLITE 69.5-71.40 - LIMESTONE BALLS MIXED WITH CALCAREOUS ARGILLITE MATRIX 71.40-73.0 - CHERTY ARGILLITE												1826A	67.97-69.65	144	6	48	246	<0.2	10
																1827A	69.65-70.71	75	3	23	120	<0.2	10
80				73.0-73.85 - LIMESTONE 73.85-74.90 - CALCAREOUS SHALE 74.9-75.27 - LIMESTONE												1828A	70.71-73.76	153	4	50	241	<0.2	20
																1829A	73.76-75.29	231	6	70	409	<0.2	25
				75.27-75.42 - CHERT 75.42-76.22 - SHALE 76.22-76.52 - LIMESTONE 76.52-76.72 - CHERT												1830A	75.29-75.74	26	2	8	55	<0.2	<5
				76.72-77.42 - ARGILLITE												1831A	75.74-77.42	331	37	51	754	0.2	10

Elevation

Drill contractor CARON

Logged by F. ANDERSON

Total depth 85.54 (280)

Coordinates

Hole started

completed

Core size NQ

Dip - 90°

Target

Azimuth 225°

- ▨ CHERTY ARGILLITE
- ▨ LIMY SHALE
- ▨ N/S HORIZON
- ▨ BRECCIATED CHERT
- ▨ LIMESTONE BALL MARKER
- ▨ SHALE
- ↗ 75° BEDDING/LAMINATIONS
- ↗ 75° FRACTURES/AXIAL PLANE CLEAVAGE

Depth m	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy										Sample Number	Assay Interval	Assay Results				
5	56%		15° ?	3.08 - BLACK CHERT WITH 3% QUARTZ STRINGERS UP TO 2mm WIDE.																		
10	71%		19° ?	6.0 - BLOCKY CHERT AND SHALE BEDS 5 TO 30 cm THICK.																		
15	72%			16.92 - BLACK CHERT WITH SHALE LAYERS UP TO 5mm THICK.																		
20			11°	5 TO 15 cm THICK BEDS. SILICATE BANDS AND PYRITE LAMINAE																		
25	95%			23.10 - BLACK LAMINATED CHERT WITH 1-5 mm THICK SHALE BEDS. 2 TO 25 cm THICK BEDS. <1% DISSEMINATED PY.																		
30	95%		7° 11° ?	31.70 - BLACK LAMINATED CHERT WITH 2 TO 30 cm THICK BEDS																		
35																						
40	98%			40.31 - BLACK CHERTY ARGILLITE AND CALCAREOUS SHALE WITH 1 TO 18 cm BEDS SEPARATED BY SILICATE																		
45			63°	AND SHALE LAYERS UP TO 1 cm THICK. SILICATE BANDING AND VEINING IS AS HIGH AS 20%																		
			50°	42.70 - CALCAREOUS GREY SILICEOUS SHALE																		

Elevation
Coordinates
Dip
Azimuth

Drill contractor
Hole started
Target

Logged by
completed

Total depth
Core size

Depth m	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy								Sample Number	Assay Interval	Assay Results					
																		Ni PPm	Co PPm	Mo PPm	Zn PPm
	100%		55°	48.15 - BLACK-GREY, CHERTY ARGILLITE WITH 2 TO 20 cm THICK BEDS. 3 TO 10% PERVASIVE SILICATE STRINGERS.																	
55	98%			56.62 - 57.05 - LIMESTONE BALL WITH SILICATE STRINGERS CONTINUED FROM CHERTY ARGILLITE THRU INTERVAL																	
60			76°	57.05 - 57.55 - 3 cm OF SILICATE WITH CHERT BRECCIA FRAGMENTS. 57.55 - SILICEOUS SHALE WITH 5 mm TO 15 cm BEDS, 1% SILICATE STRINGERS																	
65	100%		105°	65.29 - INTERVAL COMPOSED OF ZONES OF SILICATE WITH BLACK CHERTY BRECCIATED FRAGMENTS OR BLACK CHERTY SHALE WITH PERVASIVE SILICATE VEINLETS PARALLEL TO AND OBLIQUE TO BEDDING										1576 A	66.15 - 69.23	178	8	59	1130	1.8	30
70			65°	69.91 - 70.58 - 60 cm OF LIMESTONE BALL WITH A 7mm ACICULAR WHITE SILICATE BAND. 70.58 - 76.92 - BRECCIATED CHERT										1577 A	69.23 - 72.31	96	3	41	530	1.0	20
			40°											1578 A	72.31 - 75.4	147	3	41	986	1.2	25
75				76.92 - 78.46 - SILICEOUS SHALE WITH 1% SILICATE 78.46 - 78.56 - 10 cm OF A LIMESTONE BALL										1579 A	75.4 - 77.38	209	6	64	484	1.2	30
				78.56 - 79.54 - CALCAREOUS SHALE 79.54 - 80.0 - LIMESTONE BALL 80.0 - 80.62 - CALCAREOUS SHALE 80.62 - 81.55 - LIMESTONE BALL 81.55 - 81.85 - CALCAREOUS SHALE										1580 A	77.38 - 79.4	303	7	85	530	0.6	35
80														1581 A	79.4 - 81.5	19	1	6	71	0.8	5
				81.85 - 82.16 - LIMESTONE BALL 82.16 - 82.50 - CALCAREOUS SHALE 82.50 - 82.90 - LIMESTONE BALL 82.90 - 85.35 - SILICEOUS SHALE, BRECCIATED AT TOP AND BOTTOM, CARBONATE MATRIX										1582 A	81.5 - 85.35	134	2	41	265	0.8	15
85			63°																		

Elevation

Drill contractor CARON

Logged by F. ANDERSON

Total depth 55.17m (181')

Coordinates

Hole started

completed

Core size NQ

Dip -46.0°

Target

Azimuth 045°

CHERTY ARGILLITE

LIMEY SHALE

N/S HORIZON

BRECCIATED CHERT

LIMESTONE BALL MARKER

SHALE

BEDDING/LAMINATIONS

FRACTURES/AXIAL PLANE CLEAVAGE

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy										Sample Number	Assay Interval	Assay Results					
																				Ni Ppm	Co Ppm	Mo Ppm	Zn Ppm
	98%			2.0 - BLACK LAMINATED CHERT (1.5-3 cm)												1832 A	2.15 - 5.23	133	10	57	182	0.4	25
5			81°	WITH <1% HAIRWIDTH TO 2mm WHITE SILICATE AND PYRITE BANDS PARALLELING LAMINAE												1833 A	5.23 - 8.31	111	7	43	216	0.4	15
																1834 A	8.31 - 11.38	127	9	61	201	0.2	20
10			83°													1835 A	11.38 - 14.46	120	8	60	206	<0.2	20
	98%			13.0 - BLACK LAMINATED CHERT WITH 1-10 cm THICK BEDS, UP TO 2mm THICK SHALE BEDS												1836 A	14.46 - 17.54	118	8	56	221	<0.2	20
15	85%		87°	15.50 - HARD, LAMINATED CHERTY ROCK WITH THIN SHALE LAYERS FORMING CHERT BEDS 7cm THICK.												1837 A	17.54 - 20.62	120	8	56	202	<0.2	20
																1838 A	20.62 - 23.69	108	6	55	184	<0.2	20
20			82°	19.50 - BLACK, LAMINATED (1 TO 3cm) CHERTY ARGILLITE WITH 20% SHALE LAYERS												1839 A	23.69 - 26.77	139	7	74	196	0.2	20
																1840 A	26.77 - 29.57	98	5	55	194	0.2	20
25			78° 20°													1841 A	29.57 - 32.31	110	6	49	506	0.2	15
																1842 A	32.31 - 32.61	98	12	24	718	<0.2	15
30			91° 35°													1843 A	32.61 - 35.66	112	5	47	369	<0.2	15
				32.0 - 33.0 - BRECCIATED CHERT WITH SILICATE MATRIX, MATRIX SUPPORTED												1844 A	35.66 - 38.71	105	5	37	601	<0.2	10
35	100%		35° 81°	33.0 - BLACK, LAMINATED CHERTY ARGILLITE WITH 2% WHITE SILICATE BANDS UP TO 2cm THICK												1845 A	38.71 - 41.76	128	6	50	646	<0.2	20
																1846 A	41.76 - 44.50	406	12	92	568	<0.2	35
40	96%		66° 78°	36.90 - 37.45 - LIMESTONE BALL? 37.45 - LAMINATED, BLACK CHERT WITH <1% SILICATE. BEDS ARE 1 TO 5 cm THICK 39.38 - BLACK CHERT WITH 5% WHITE SILICATE BANDS												A 1035	43.50 - 43.53	5.0%	258	3920	10,040	12.2	3930
																A 1036	43.53 - 43.60	871	26	354	537	3.0	105
45	83% 100% 65%			43.20 - 43.22 - 2.5 cm OF CONVOLUTED SULPHIDE BANDS 1 TO 4 mm THICK. (70% PYRITE, 25% SILICIFIED SHALE, 5% WHITE SILICATE) 43.22 - 43.27 - SHALE 43.27 - 44.68 - FRACTURED BLOCKY CHERT												1847 A	44.50 - 45.11	55	8	12	171	<0.2	10
			83°													1848 A	45.11 - 45.57	224	14	64	470	<0.2	15
	100%			44.68 - 51.0 - LIMESTONE BALL MEMBER.												1849 A	45.57 - 45.87	21	3	4	72	<0.2	<5

Elevation

Drill contractor CARON

Logged by F. ANDERSON

Total depth 144.5 m. (474')

Coordinates

Hole started

completed

Core size NQ

Dip -45°

Target

Azimuth 025°

▨ CHERTY ARGILLITE

▨ LIMEY SHALE

▨ NCS HORIZON

▨ BRECCIATED CHERT

▨ LIMESTONE BALL MARKER

▨ SHALE

▨ SILICEOUS SHALE

Depth m	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy										Sample Number	Assay Interval	Assay Results				
				CHERTY ARGILLITE AND SILICEOUS SHALE, LAMINATIONS 5cm TO 10 cm																		
5	95%		80°	6.7 - BLACK LAMINATED CHERTY ARGILLITE, 5 TO 25 cm THICK BEDS																		
10	100%			11.37 - CHERTY ARGILLITE BEDS, 1 TO 8 cm THICK, SEPARATED BY UP TO 5 mm THICK SHALE LAYERS. UP TO 2 mm PY LAMINAE.																		
15	99%		68°	12.89 - 13.23 - WHITE AND GREY SPECKLED LIMEY CORE. 13.23 - CHERTY ARGILLITE BEDS 0.5 TO 1 cm THICK, THIN SHALE OR SHALE/SILICATE LAYERS.																		
20	100%		90°	20.57 - MASSIVE, LAMINATED (2 TO 8 mm) CHERT, 1% PY LAMINAE.																		
25	100%			24.38 - GREY, BANDED SILICEOUS SHALE, BEDS 2 TO 45 cm. AMOUNT OF SULPHIDES LESS.																		
30	100%			27.95 - BLACK, LAMINATED (1 TO 3 cm) CHERTY ARGILLITE WITH 1 cm SILICATE BANDS AND MUDSTONE BANDS.																		
35																						
40	100%		90°	41.54 - 42.28 - GREY/WHITE SPECKLED LIMESTONE 42.28 - 43.46 - BLACK CHERTY ARGILLITE BEDS - 1 TO 15 cm THICK																		
45	100%			43.46 - 43.89 - SILICEOUS SHALE, PALER THAN ARGILLITE 43.89 - CHERTY ARGILLITE, BEDS ARE 2 TO 10 cm THICK, <1% SILICATE BANDS 47.55 - SILICEOUS SHALE, LIGHTER GREY THAN ARGILLITE AND NON-LAMINATED																		

Elevation
Coordinates
Dip
Azimuth

Drill contractor
Hole started
Target

Logged by
completed

Total depth
Core size

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy										Sample Number	Assay Interval	Assay Results				
				50.29 - BLACK, CHERTY ARGILLITE BEDS, WEAKLY LAMINATED, 0.5 TO 5cm THICK 1% PY BANDS																		
55	100%			53.34 - LAMINATED ARGILLITE BEDS, 1 TO 8cm THICK, UP TO 5mm SHALE LAYERS, 1% PY BANDS																		
60	100%			61.57 - WEAKLY LAMINATED, BLACK, CHERTY ARGILLITE WITH 5 TO 20cm THICK BEDS, PY BANDS HAVING 10cm SPACING																		
65				62.79 - LAMINATED BLACK TO GRAY BLACK ARGILLITE/SILICEOUS SHALE WITH 5 TO 10cm THICK BEDS. PY BANDS, HAVING 15cm SPACING AND SILICATE BANDS																		
70	100%			69.5 - LAMINATED BLACK TO GRAY BLACK ARGILLITE/SILICEOUS SHALE WITH 1 TO 13cm THICK BEDS. NO SILICATE BANDS.																		
75				78.03 - WEAKLY LAMINATED, BLACK CHERT BEDS, 5 TO 30cm THICK BEDS. MINOR SILICATE BANDS, UP TO 5mm THICK.																		
80	100%			80.68-81.08 - CARBONATE MATRIX SUPPORTING BRECCIATED CHERT CLASTS. 81.08 - WEAKLY LAMINATED CHERTY ARGILLITE WITH 2 TO 20cm THICK BEDS. <1% SILICATE LAYERS																		
85				86.56 - SAME AS 81.08 BUT WITH >1% WHITE SILICATE																		
90																						
95	100%			94.79-95.40 - LIMBY SHALE, SILICA RICH 95.40 - HARD, GREYISH, CHERTY ARGILLITE WITH 2 TO 12cm THICK BEDS. <1% SILICATE AND PY LAMELLAE.																		

Elevation

Drill contractor

Logged by

Total depth

Coordinates

Hole started

completed

Core size

Dip

Target

Azimuth

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy										Sample Number	Assay Interval	Assay Results				
-105																						
-110																						
-115	100%			114.61 - 115.61 - FRACTURED, BLACK ARGILLITE WITH 1 TO 7 cm THICK BEDS 115.61 - UNFRACTURED BLACK/GREY ARGILLITE WITH <1% SILICATE LAYERS																		
-120	100%			118.87 - BLACKISH GREY, WEAKLY LAMINATED CHERT/ARGILLITE WITH 15 TO 40 cm THICK BEDS 121.0 - LAMINATED CHERT WITH 2 TO 10 cm THICK BEDS. 122.32 - CHERT ARGILLITE WITH MINOR (<5 cm) SECTIONS OF SILICEOUS LIMY SHALE. 2-3% WHITE SILICATE BANDS.																		
-125				126.89 - BLACK ARGILLITE/SILICEOUS SHALE WITH 2 TO 15 cm THICK BEDS. <1% SILICATE OR PY.																		
-130	95%			132.59 - SILICEOUS GREY SHALE WITH 1 TO 5 cm THICK BEDS. SOME DISSEMINATED CARBONATE																		
-135	100%			134.11 - SLIGHTLY LIMY, LAMINATED, SILICEOUS SHALE. 136.09 - LAMINATED LIMESTONE, CHANGING GRADUALLY TO SHALE																		
-140	100%			139.3 - CHERT AND UP TO 1cm SHALE LAYERS 140.51 - 140.82 - LIMESTONE BALL 140.82 - 141.43 - CHERT/SHALE MATRIX 141.43 - 143.41 - LIMESTONE BALLS ALTERNATING WITH A SHALE/CHERT MATRIX																		
-145				143.41 - 144.5 - LIMY, SILICEOUS SHALE WITH 2 TO 7 cm THICK BEDS																		

APPENDIX VII
DRILL CORE ASSAYS



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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Project : NDU NICK

Comments :

Page 1
Tot. Pa 1
Date : 16-SEP-88
Invoice # : I-8822411
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822411

SAMPLE DESCRIPTION	PREP CODE	Ni %	Pt oz/T	Pd oz/T								
1801	258 --	2.90	< 0.002	0.002								



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Box 4127
WHITEHORSE, Y.T.
Y1A 3S9

Project : NDU NICK
Comments :

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Invoice # : 1-8822412
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822412

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
1801	299	238	0.85	6.8	1985	< 10	< 0.5	< 2	0.27	15.0	131	189	167	>15.00	< 10	< 1	0.23	20	0.09	154	1570

CERTIFICATION :

B. Coughlin



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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822412

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
1801	299	238	0.01	>10000	710	76	45	4	34	0.02	—	< 10	370	40	6590

CERTIFICATION : B. Coughlin



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Date : 20-SEP-88
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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8823286

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
1802	205	238	0.72	0.4	10	280	0.5	2	0.09	1.5	7	84	34	1.58	< 10	< 1	0.21	10	0.10	61	57
1803	205	238	0.96	0.6	15	190	0.5	< 2	0.57	2.0	51	102	64	1.68	< 10	< 1	0.28	10	0.12	58	54
1804	205	238	0.82	0.2	20	180	0.5	2	0.95	1.5	18	81	47	2.09	< 10	< 1	0.24	10	0.10	40	76
1805	205	238	0.82	0.4	15	110	0.5	4	0.09	1.0	8	85	33	1.54	< 10	< 1	0.23	10	0.10	38	54
1806	205	238	1.00	0.6	20	80	0.5	4	0.10	1.0	10	84	41	2.06	< 10	< 1	0.32	10	0.17	76	59
1807	205	238	0.65	0.6	15	130	0.5	2	0.14	1.0	6	98	40	1.50	< 10	< 1	0.20	10	0.10	57	55
1808	205	238	0.67	0.4	10	220	0.5	2	0.50	1.0	4	112	30	1.20	< 10	< 1	0.20	10	0.20	62	33
1809	205	238	0.75	0.6	15	100	0.5	< 2	0.17	1.0	6	102	33	1.62	< 10	< 1	0.23	10	0.09	59	58
1810	205	238	0.98	0.6	20	100	0.5	< 2	0.42	1.0	7	107	33	1.85	< 10	< 1	0.31	20	0.15	90	60
1811	205	238	0.87	0.6	10	140	0.5	4	0.41	1.5	5	89	33	1.51	< 10	< 1	0.26	10	0.17	107	40
1812	205	238	0.87	0.6	20	140	1.0	< 2	0.41	5.0	8	108	51	1.81	< 10	1	0.28	10	0.16	155	48
1813	205	238	1.08	0.6	20	130	1.0	< 2	0.38	2.5	7	91	37	1.79	< 10	< 1	0.33	10	0.22	85	50
1814	205	238	0.84	0.6	20	300	0.5	2	0.20	4.0	5	122	25	1.15	< 10	< 1	0.25	10	0.21	54	47
1815	205	238	1.22	1.2	40	120	1.0	< 2	0.20	33.0	8	141	75	1.65	< 10	< 1	0.34	20	0.13	66	56
1816	205	238	1.28	< 0.2	20	500	1.0	2	2.25	15.5	7	156	37	1.20	< 10	1	0.35	20	0.86	121	37
1817	205	238	1.17	0.2	30	230	1.0	4	1.39	9.5	9	126	48	1.60	< 10	< 1	0.30	20	0.30	88	63
1818	205	238	0.77	0.4	15	480	0.5	4	0.09	5.5	15	150	22	1.04	< 10	< 1	0.13	< 10	0.07	39	35
1819	205	238	0.64	0.2	10	500	0.5	2	0.11	1.5	16	154	17	0.81	< 10	< 1	0.11	< 10	0.05	34	37
1820	205	238	0.70	0.4	65	330	0.5	4	0.18	3.0	10	136	27	1.53	< 10	< 1	0.17	20	0.08	49	144
1821	205	238	1.13	< 0.2	35	340	1.0	2	2.61	2.0	9	138	55	2.06	< 10	1	0.33	30	0.16	205	88
1822	205	238	0.65	< 0.2	15	680	0.5	4	7.66	1.5	6	142	48	1.10	< 10	< 1	0.20	< 10	0.19	168	46
1823	205	238	0.35	< 0.2	5	380	< 0.5	< 2	2.99	1.5	2	188	37	0.54	< 10	< 1	0.10	< 10	0.07	59	26
1824	205	238	1.19	< 0.2	25	480	1.0	< 2	2.57	2.5	12	124	26	1.96	< 10	1	0.39	20	0.24	261	74
1825	205	238	0.30	< 0.2	5	320	< 0.5	10	>15.00	0.5	2	86	65	0.35	< 10	< 1	0.07	< 10	0.49	103	15
1826	205	238	0.86	< 0.2	10	610	0.5	4	11.55	1.5	6	101	23	0.92	< 10	2	0.29	< 10	0.28	121	48
1827	205	238	0.53	< 0.2	10	390	0.5	8	>15.00	0.5	3	80	54	0.44	< 10	< 1	0.15	< 10	0.49	78	23
1828	205	238	0.93	< 0.2	20	570	0.5	2	8.74	1.5	4	96	21	0.93	< 10	2	0.29	< 10	0.32	63	50
1829	205	238	1.21	< 0.2	25	350	1.0	2	10.60	3.0	6	111	32	1.40	< 10	2	0.40	< 10	0.31	92	70
1830	205	238	0.20	< 0.2	< 5	370	< 0.5	12	>15.00	< 0.5	2	17	52	0.17	< 10	< 1	0.05	< 10	0.52	87	8
1831	205	238	1.47	0.2	10	130	1.5	< 2	0.94	2.0	37	118	13	4.57	< 10	2	0.37	20	0.43	955	51
1832	205	238	1.31	0.4	25	40	1.0	2	0.11	2.5	10	75	37	2.57	< 10	< 1	0.35	10	0.24	76	57
1833	205	238	1.09	0.4	15	110	1.0	< 2	0.07	4.0	7	91	31	1.59	< 10	< 1	0.27	10	0.21	43	43
1834	205	238	1.00	0.2	20	100	1.0	< 2	0.03	5.0	9	95	35	1.76	< 10	< 1	0.26	10	0.10	42	61
1835	205	238	1.03	< 0.2	20	140	1.0	< 2	0.47	2.0	8	84	42	1.77	< 10	< 1	0.30	10	0.09	47	60
1836	205	238	0.72	< 0.2	20	270	0.5	4	0.97	1.0	8	56	48	1.74	< 10	< 1	0.12	10	0.93	140	56
1837	205	238	0.92	< 0.2	20	290	0.5	2	0.39	1.0	8	44	46	1.65	< 10	< 1	0.14	10	0.81	102	56
1838	205	238	0.62	< 0.2	20	120	0.5	< 2	0.10	1.0	6	64	33	1.64	< 10	< 1	0.17	10	0.08	39	55
1839	205	238	0.67	0.2	20	120	0.5	< 2	0.26	1.0	7	49	39	1.81	< 10	< 1	0.20	10	0.07	65	74
1840	205	238	0.61	0.2	20	110	0.5	< 2	0.22	1.0	5	78	28	1.52	< 10	< 1	0.19	10	0.09	67	55
1841	205	238	0.82	0.2	15	120	0.5	< 2	0.38	3.5	6	58	37	1.48	< 10	< 1	0.25	10	0.17	91	49

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Y1A 3S9

Project : NIJU NICK

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Date : 20-SEP-88
Invoice # : I-8823286
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8823286

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
1802	205	238	0.01	110	230	14	< 5	1	29	0.01	< 10	< 10	110	< 5	208
1803	205	238	0.01	122	200	12	< 5	2	30	0.01	< 10	< 10	207	< 5	292
1804	205	238	0.01	142	230	14	< 5	1	45	0.01	< 10	< 10	134	< 5	206
1805	205	238	0.01	104	250	10	< 5	2	36	0.01	< 10	< 10	117	< 5	181
1806	205	238	0.01	124	150	10	< 5	3	19	0.01	< 10	< 10	141	< 5	215
1807	205	238	0.01	107	220	6	< 5	1	32	< 0.01	< 10	< 10	139	< 5	231
1808	205	238	0.01	74	360	2	< 5	1	84	< 0.01	< 10	< 10	153	< 5	154
1809	205	238	0.01	116	310	10	< 5	1	36	0.01	< 10	< 10	165	< 5	196
1810	205	238	0.01	118	390	14	5	2	84	0.01	< 10	< 10	250	< 5	223
1811	205	238	0.01	100	370	10	5	2	56	0.01	< 10	< 10	274	< 5	238
1812	205	238	0.01	122	170	14	5	2	38	0.01	< 10	< 10	446	< 5	738
1813	205	238	0.01	123	690	14	5	2	73	0.01	< 10	< 10	491	< 5	386
1814	205	238	0.01	134	200	4	5	1	26	0.01	< 10	< 10	383	< 5	366
1815	205	238	0.01	173	600	16	15	3	44	0.01	< 10	< 10	638	< 5	1850
1816	205	238	0.01	132	2130	10	5	3	231	0.01	< 10	< 10	576	< 5	982
1817	205	238	0.01	172	470	6	10	3	129	0.01	< 10	< 10	451	< 5	710
1818	205	238	0.01	190	600	2	5	1	188	< 0.01	< 10	< 10	254	< 5	774
1819	205	238	0.01	188	440	4	5	1	121	< 0.01	< 10	< 10	177	< 5	551
1820	205	238	0.01	902	610	6	5	1	55	< 0.01	< 10	< 10	208	< 5	489
1821	205	238	0.01	295	560	4	5	3	98	0.01	< 10	< 10	735	< 5	431
1822	205	238	0.01	155	640	10	5	3	260	< 0.01	< 10	< 10	576	< 5	244
1823	205	238	0.01	83	280	6	< 5	< 1	147	< 0.01	< 10	< 10	261	< 5	181
1824	205	238	0.01	249	440	12	5	3	108	0.01	< 10	< 10	1020	< 5	445
1825	205	238	0.01	47	220	2	< 5	1	592	< 0.01	< 10	< 10	279	< 5	100
1826	205	238	0.01	144	340	12	< 5	3	410	0.01	< 10	< 10	762	< 5	246
1827	205	238	0.01	75	180	8	< 5	2	358	< 0.01	< 10	< 10	528	< 5	120
1828	205	238	0.01	153	170	14	5	3	262	0.01	< 10	< 10	820	< 5	241
1829	205	238	0.01	231	350	8	5	3	347	0.01	< 10	< 10	969	5	409
1830	205	238	0.01	26	190	2	< 5	< 1	597	< 0.01	< 10	< 10	157	< 5	55
1831	205	238	0.01	331	500	2	< 5	3	68	0.01	< 10	< 10	910	10	754
1832	205	238	0.01	133	300	12	< 5	3	33	0.01	< 10	< 10	227	< 5	182
1833	205	238	0.01	111	330	6	< 5	3	49	0.01	< 10	< 10	254	< 5	216
1834	205	238	0.01	127	230	10	< 5	3	61	0.01	< 10	< 10	163	< 5	201
1835	205	238	0.01	120	2230	10	< 5	3	475	0.01	< 10	< 10	241	< 5	206
1836	205	238	0.01	118	290	14	< 5	3	129	< 0.01	< 10	< 10	120	5	221
1837	205	238	0.01	120	270	6	< 5	3	65	< 0.01	< 10	< 10	141	< 5	202
1838	205	238	0.01	108	490	14	< 5	1	56	< 0.01	< 10	< 10	154	< 5	184
1839	205	238	0.01	139	750	18	< 5	2	78	< 0.01	< 10	< 10	151	< 5	196
1840	205	238	0.01	98	240	8	< 5	1	37	< 0.01	< 10	< 10	177	< 5	194
1841	205	238	0.01	110	460	14	5	2	60	0.01	< 10	< 10	364	5	506

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Project : NDU NICK
 Comments :

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 Tot. P. 2
 Date : 20-SEP-88
 Invoice # : I-8823286
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8823286

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
1842	205	238	0.52	< 0.2	15	410	0.5	< 2	1.21	4.0	12	155	56	1.76	< 10	< 1	0.15	10	0.11	290	24
1843	205	238	0.75	< 0.2	15	90	0.5	< 2	1.17	2.5	5	94	31	1.77	< 10	< 1	0.24	10	0.15	88	47
1844	205	238	0.69	< 0.2	10	530	0.5	6	8.31	11.0	5	94	30	1.01	< 10	< 1	0.21	< 10	0.22	100	37
1845	205	238	0.50	< 0.2	20	250	0.5	< 2	0.56	9.5	6	85	39	1.35	< 10	< 1	0.13	20	0.05	50	50
1846	205	238	1.15	< 0.2	35	100	1.0	< 2	0.22	3.5	12	130	62	2.13	< 10	2	0.30	20	0.12	108	92
1847	205	238	0.14	< 0.2	10	360	< 0.5	10	>15.00	< 0.5	8	17	37	0.96	< 10	< 1	0.04	< 10	0.42	224	12
1848	205	238	0.70	< 0.2	15	410	0.5	< 2	2.75	2.0	14	91	35	2.10	< 10	< 1	0.21	10	0.15	270	64
1849	205	238	0.12	< 0.2	< 5	260	< 0.5	10	>15.00	< 0.5	3	17	39	0.29	< 10	< 1	0.02	< 10	0.38	177	4
1850	205	238	0.71	< 0.2	15	510	0.5	< 2	6.84	1.5	6	111	19	1.17	< 10	< 1	0.23	< 10	0.23	98	51
1851	205	238	0.16	< 0.2	< 5	340	< 0.5	10	>15.00	< 0.5	5	40	13	0.50	< 10	< 1	0.03	< 10	0.42	201	7
1852	205	238	0.34	0.2	15	320	< 0.5	2	2.14	2.0	7	100	59	1.24	< 10	< 1	0.10	20	0.07	136	54
1853	205	238	0.57	< 0.2	10	500	0.5	2	3.91	1.5	5	229	43	1.01	< 10	< 1	0.17	< 10	0.13	96	44
1854	205	238	0.50	< 0.2	10	480	0.5	6	10.05	1.5	5	108	13	0.77	< 10	< 1	0.17	< 10	0.16	94	32
1855	205	238	0.62	< 0.2	10	520	0.5	2	8.57	2.0	4	67	42	0.87	< 10	1	0.20	< 10	0.21	74	50
1856	205	238	0.70	< 0.2	20	530	1.0	2	4.33	2.0	24	71	38	2.86	< 10	< 1	0.19	< 10	0.23	440	56

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Project : NDU NICK

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Date : 20-SEP-88
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CERTIFICATE OF ANALYSIS A8823286

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
1842	205	238	0.01	98	70	6	5	1	130	< 0.01	< 10	< 10	303	< 5	718
1843	205	238	0.01	112	360	10	5	2	96	0.01	< 10	< 10	360	5	369
1844	205	238	0.01	105	2780	8	5	3	568	< 0.01	< 10	< 10	344	5	601
1845	205	238	0.01	128	1820	8	5	1	76	< 0.01	< 10	< 10	238	< 5	646
1846	205	238	0.01	406	690	10	5	3	87	0.01	< 10	< 10	683	< 5	568
1847	205	238	0.01	55	190	6	5	1	485	< 0.01	< 10	< 10	133	10	171
1848	205	238	0.01	224	450	6	< 5	1	132	< 0.01	< 10	< 10	577	5	470
1849	205	238	0.01	21	250	< 2	< 5	1	952	< 0.01	< 10	< 10	115	< 5	72
1850	205	238	0.01	165	430	10	< 5	2	297	< 0.01	< 10	< 10	617	< 5	265
1851	205	238	0.01	32	230	< 2	< 5	< 1	489	< 0.01	< 10	< 10	133	< 5	87
1852	205	238	0.01	162	240	4	< 5	1	103	< 0.01	< 10	< 10	306	< 5	327
1853	205	238	0.01	149	650	6	5	1	197	< 0.01	< 10	< 10	596	< 5	242
1854	205	238	0.01	109	210	2	< 5	2	364	< 0.01	< 10	< 10	447	< 5	219
1855	205	238	0.01	144	280	6	< 5	2	323	< 0.01	< 10	< 10	631	< 5	271
1856	205	238	0.01	281	440	4	< 5	2	182	< 0.01	< 10	< 10	520	< 5	649

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Project : NDU(NICK)
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Invoice # : I-8826954
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8826954

SAMPLE DESCRIPTION	PREP CODE	Zn %	Ni %	Ag oz/T	Pt oz/T	Pd oz/T					
1033	208 ---	0.15	0.17	0.05	0.006	< 0.001					
1034	208 ---	0.27	0.34	0.07	0.004	0.001					
1035	208 ---	1.04	5.00	0.21	0.014	0.005					
1036	208 ---	0.04	0.08	0.02	0.002	< 0.001					

R. Swartz



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1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : NDU(NICK)
Comments :

Page : 1-A
Tot. P. : 1
Date : 14-NOV-88
Invoice # : I-8826955
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8826955

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
1033	299	238	0.24	< 0.2	130	330	< 0.5	< 2	1.15	30.0	35	51	103	4.28	< 10	< 1	0.10	20	0.05	86	159
1034	299	238	0.52	4.2	150	630	< 0.5	< 2	1.11	57.0	50	91	97	5.03	10	1	0.18	30	0.07	84	123
1035	299	238	0.40	12.2	3930	170	< 0.5	< 2	0.34	61.0	258	126	363	>15.00	10	< 1	0.12	10	0.05	300	3920
1036	299	238	0.47	3.0	105	610	< 0.5	< 2	0.17	4.0	26	76	56	3.06	10	< 1	0.19	20	0.04	58	354

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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BRITISH COLUMBIA, CANADA V7J-2C1

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VANCOUVER, BC
V6B 1L8

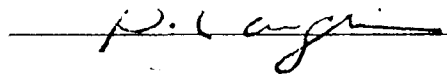
Project : NDU(NICK)

Comments:

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Tot. P. : 1
Date : 14-NOV-88
Invoice # : I-8826955
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8826955

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
1033	299	238	< 0.01	1785	4780	54	10	< 1	206	< 0.01	30	30	69	< 5	1650
1034	299	238	< 0.01	3660	4780	52	20	2	197	< 0.01	< 10	< 10	193	< 5	3020
1035	299	238	0.01	>10000	1170	130	< 50	2	62	< 0.01	< 10	40	422	< 5	>10000
1036	299	238	< 0.01	871	550	32	10	< 1	32	< 0.01	10	< 10	203	< 5	537

CERTIFICATION : 



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BOX 4127
 WHITEHORSE, Y.T.
 Y1A 3S9

Project : NDU-NICK
 Comments :

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 Tot. P. 1
 Date : 29-SEP-88
 Invoice # : I-8824185
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824185

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
1576	205	238	0.43	1.8	30	340	< 0.5	< 2	1.02	16.0	8	254	45	1.85	< 10	< 1	0.14	10	0.08	114	59
1577	205	238	0.64	1.0	20	640	0.5	4	8.61	7.0	3	152	34	1.03	20	2	0.20	< 10	0.19	109	41
1578	205	238	0.28	1.2	25	360	< 0.5	< 2	0.16	13.0	3	183	70	1.23	< 10	1	0.09	< 10	0.03	75	41
1579	205	238	0.35	1.2	30	360	< 0.5	< 2	0.43	6.0	6	167	48	1.40	< 10	1	0.12	10	0.04	93	64
1580	205	238	0.36	0.6	35	310	< 0.5	< 2	1.73	6.0	7	110	54	1.72	< 10	< 1	0.12	20	0.07	171	85
1581	205	238	0.13	0.8	5	280	< 0.5	18	>15.00	0.5	1	23	17	0.20	20	< 1	0.03	< 10	0.49	118	6
1582	205	238	0.25	0.8	15	260	< 0.5	4	8.45	2.5	2	123	15	0.70	10	1	0.08	< 10	0.16	77	41

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BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

Project : NDU-NICK

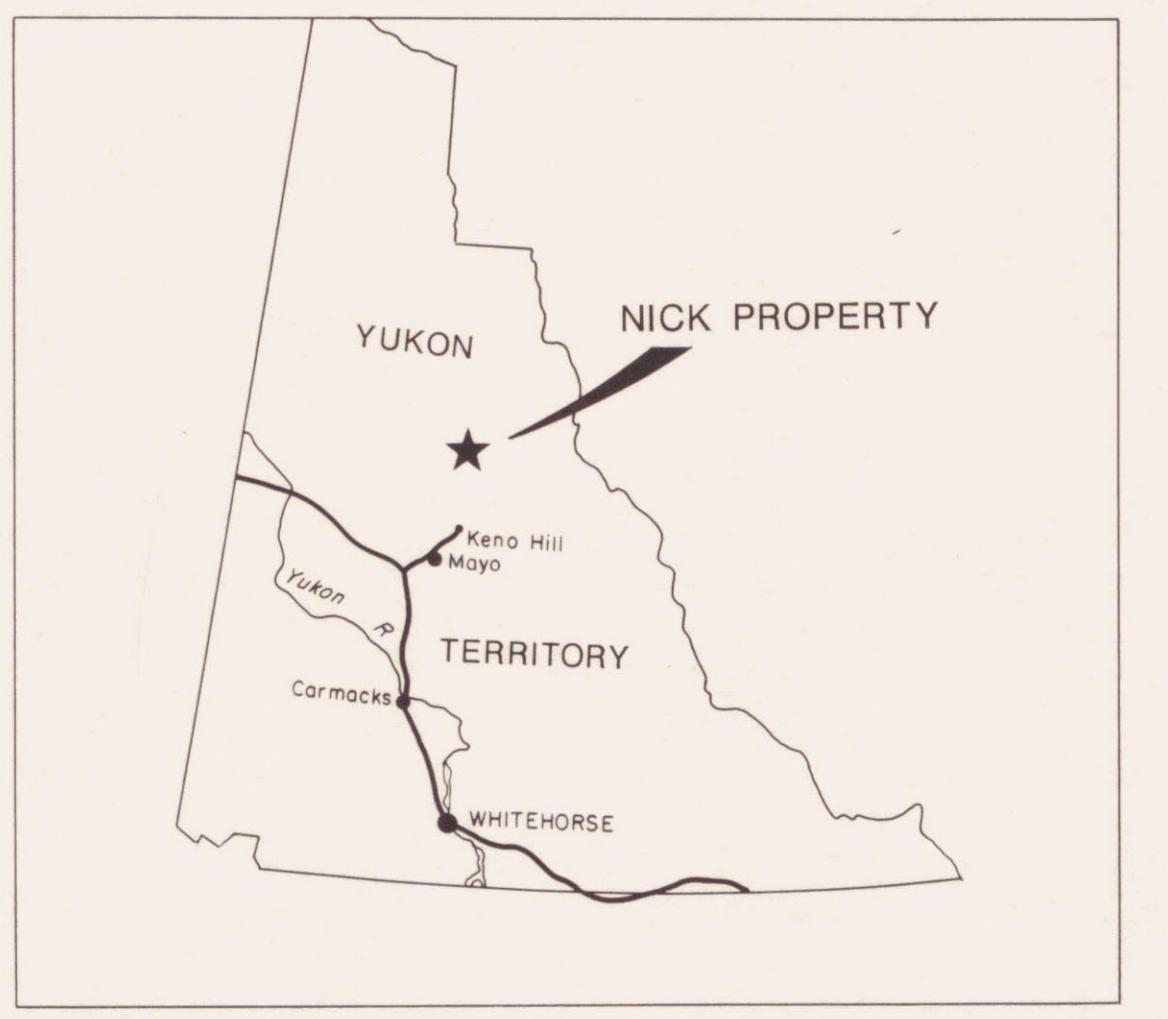
Comments :

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Tot. P. 1
Date : 29-SEP-88
Invoice # : I-8824185
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824185

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1576	205 238	< 0.01	178	1440	16	5	1	119	< 0.01	< 10	< 10	207	< 5	1130
1577	205 238	0.01	96	>10000	12	5	4	674	< 0.01	< 10	10	304	10	530
1578	205 238	< 0.01	147	410	26	5	< 1	43	< 0.01	< 10	< 10	160	< 5	986
1579	205 238	< 0.01	209	510	16	< 5	< 1	55	< 0.01	< 10	< 10	176	< 5	484
1580	205 238	< 0.01	303	560	8	< 5	1	142	< 0.01	< 10	< 10	298	< 5	530
1581	205 238	0.01	19	220	6	< 5	< 1	563	< 0.01	10	< 10	77	< 5	71
1582	205 238	< 0.01	134	350	16	< 5	1	364	< 0.01	< 10	< 10	225	< 5	265

CERTIFICATION : _____



LEGEND

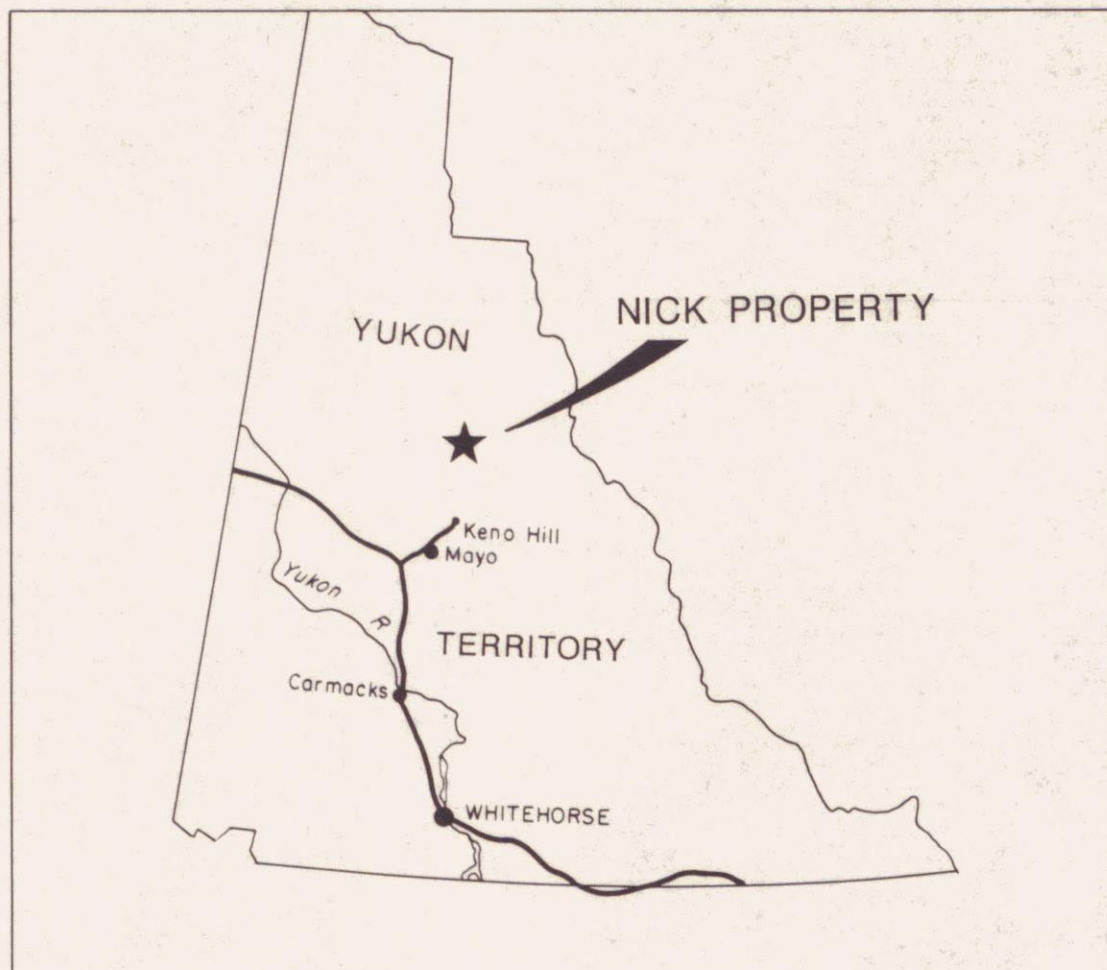
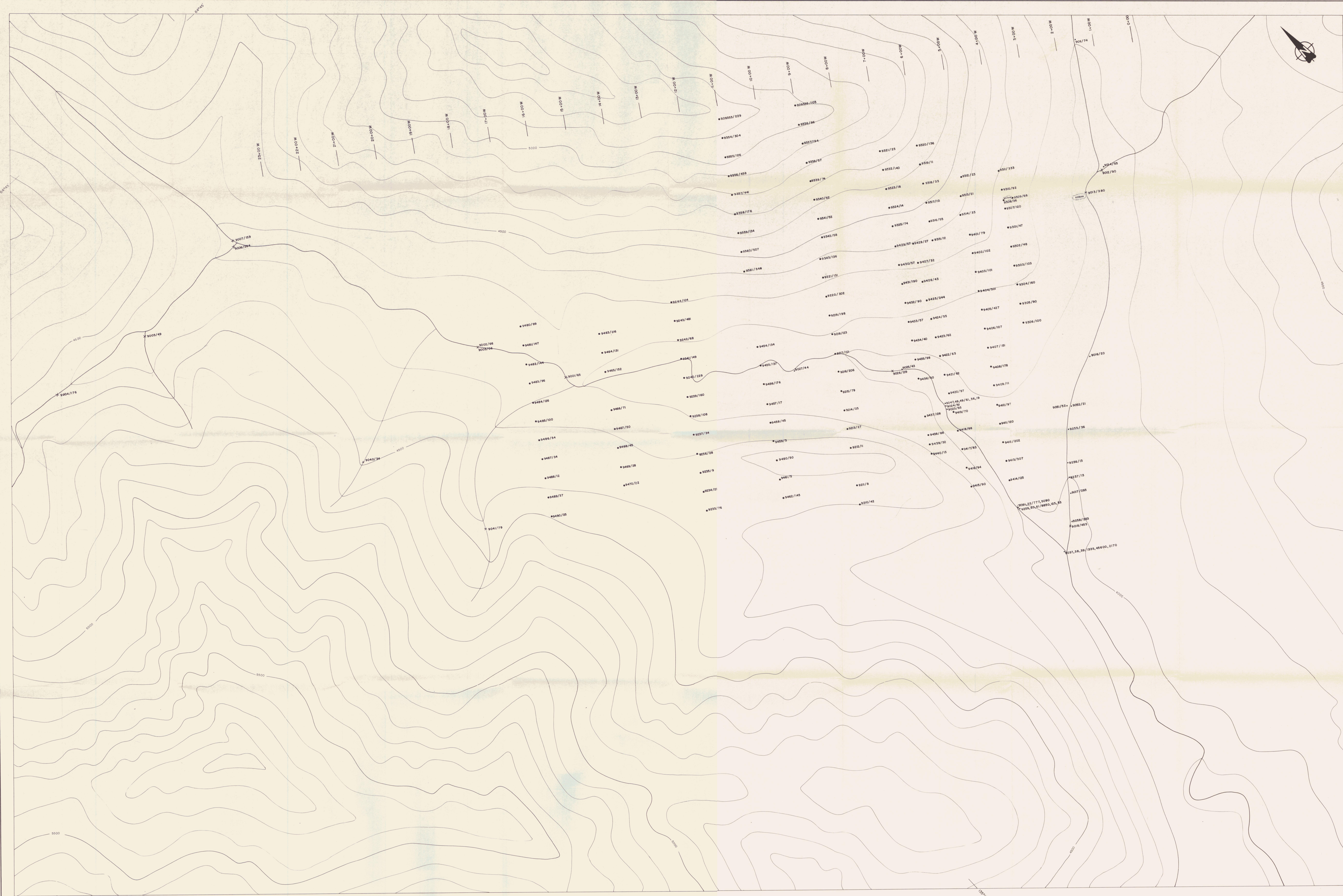
- DEVONIAN AND YOUNGER**
- 6 Silver Shale
 - 5 Black Chert
 - 4 Limestone Ball Member
 - 3 Black Shale
 - 2 Black Limestone
- SILURIAN**
- 1 Grey Limestone
- Nickel-PGE mineralization

- Contact - approximate, projected.
- Bedding - strike and dip.
- Foliation/Cleavage - strike and dip
- ~ Syncline - approximate
- ~ Anticline - approximate
- ~ Fault - dip
- (A) Location of Nickel - PGE Showings
- NBB-1 Drill Hole

Figure 6
 ARCHER, CATIRO & ASSOCIATES (1981) LIMITED
GEOLOGY
OLFERT CREEK SHOWING
 NICK PROPERTY
 SCALE 1:2500
 0 50 100 150 200 250 300 Metres
 0 100 200 300 400 500 750 Feet

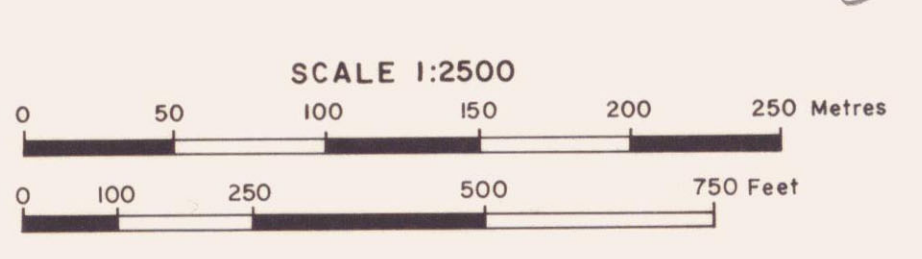
092666

695



- Soil Sample
- Rock Sample
- × Silt Sample
- 9450/56 Sample Number/Nickel Value (ppm)

Figure 11
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GRID SOIL GEOCHEMISTRY
OLFERT CREEK SHOWING
 NICK PROPERTY



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