

YUKON JOINT VENTURE

LUG PROPERTY

Claims Lug 1 to Lug 78

1988 SUMMARY REPORT

GEOLOGY, GEOCHEMISTRY, AND GEOPHYSICS

Prepared for:

Northern Dynasty Explorations Ltd.

Written by:

George Gorzynski, M.A.Sc., P.Eng.

Watson Lake Mining District
Claim Map - 105 G/12 Starr Creek

Yukon Exploration Incentive Program Designation Number EIP 88052

131°45' W longitude / 61°42' N latitude

May - December, 1988

FEB 27 1989



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SUMMARY

Northern Dynasty Explorations Ltd. holds the Lug Property comprising 78 contiguous claims southeast of Ross River, Yukon. The property covers projected extensions of gold-arsenopyrite and gold-copper mineralization recently discovered just north of the property. This report discusses the results of the 1988 field program which included geological mapping, geochemical sampling, ground magnetic surveying, and electromagnetic (EM-16) surveying.

- Program Results:
1. Geological evidence indicates that the Hoolio Creek Gold Occurrence structural horizon extends onto the Lug Property.
 2. Several small pyrite-chalcopyrite occurrences with anomalous gold values were found near the property in Cambrian schists.
 3. A small galena-sphalerite occurrence was found on the property in Cambrian limestone.

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(SCALE 1:5000)

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LUG PROPERTY

1988 Summary Report

1.0 Background Information

1.1 Introduction

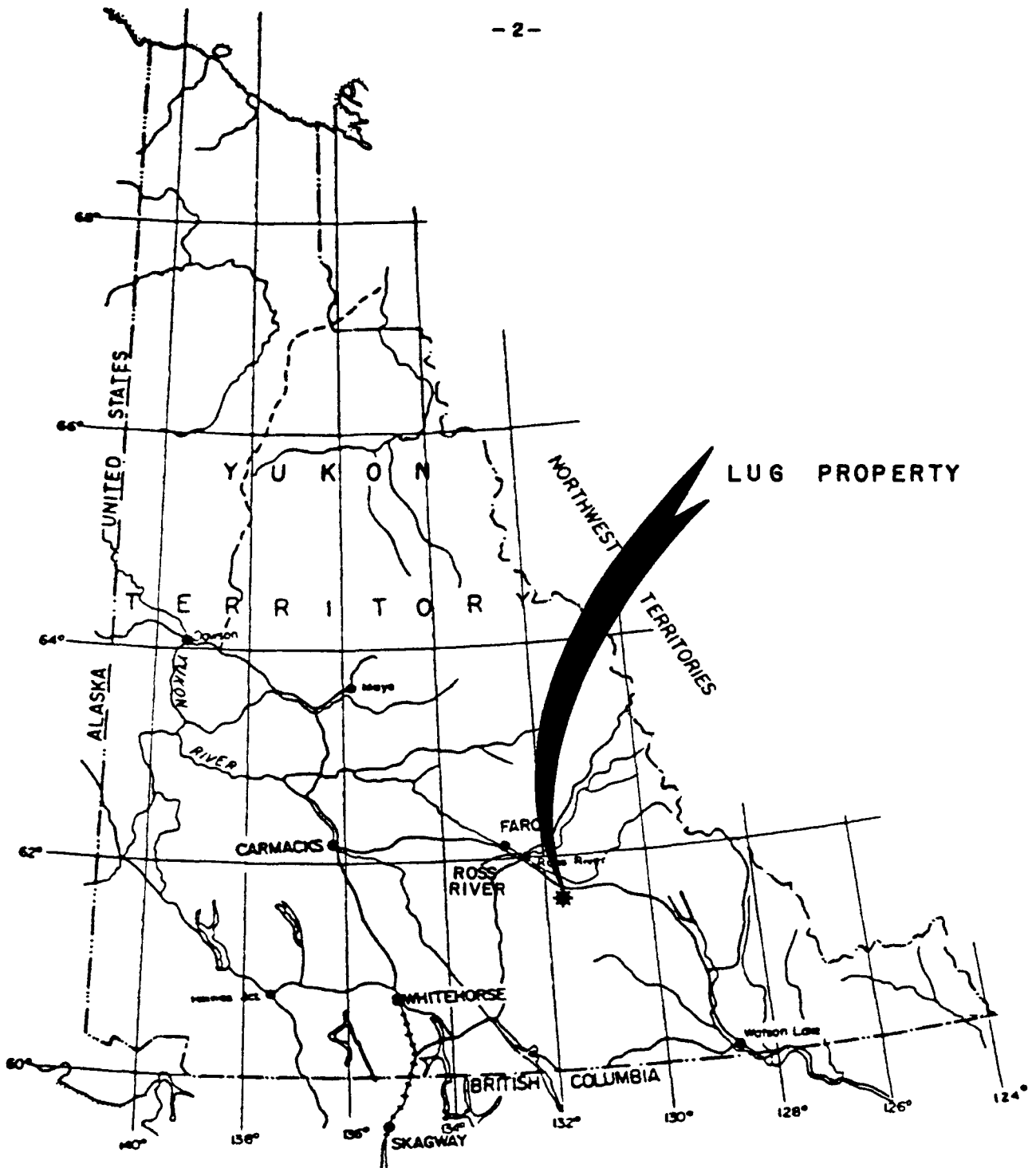
The Lug Property is in the southcentral Yukon. It comprises 78 contiguous claims held by Northern Dynasty Explorations Ltd. in trust for the Yukon Joint Venture. The claims cover projected extensions of newly discovered gold mineralization located just north of the property. The 1988 program included preliminary geological, geochemical and geophysical surveys designed to evaluate the gold potential of the property.

1.2 Location and Access

The Lug Property is located 50 km (30 mi) southeast of the town of Ross River in the Yukon Territory (Fig. 1). The centre of the property is located at 131°40' W longitude/ 61°41.5' N latitude on N.T.S. sheet 105 G/12. Access to the property is via a 6 km (4 mi) bulldozer road which leaves the Robert Campbell Highway 45 kilometres east of Ross River and just west of the Hoole River bridge. Access is also available by helicopter from the TransNorth Helicopter Base in Ross River.

1.3 Physiography

Most of the property is characterized by low sand and boulder till hills of the Pelly Plateau. Tiered benches and gullies with steep slopes up to 40 m high found near the Hoole River and its tributary creeks (Plate 1). Bedrock exposure on the property is sparse and mainly found along these erosion slopes. Elevation on the property ranges 880-1160 m (2900-3800 ft) above sea level. Vegetation on the property mainly consists of open stands of dwarf black spruce with local patches of alders and muskeg.



YUKON JOINT VENTURE
NORTHERN DYNASTY EXPLORATIONS LTD.

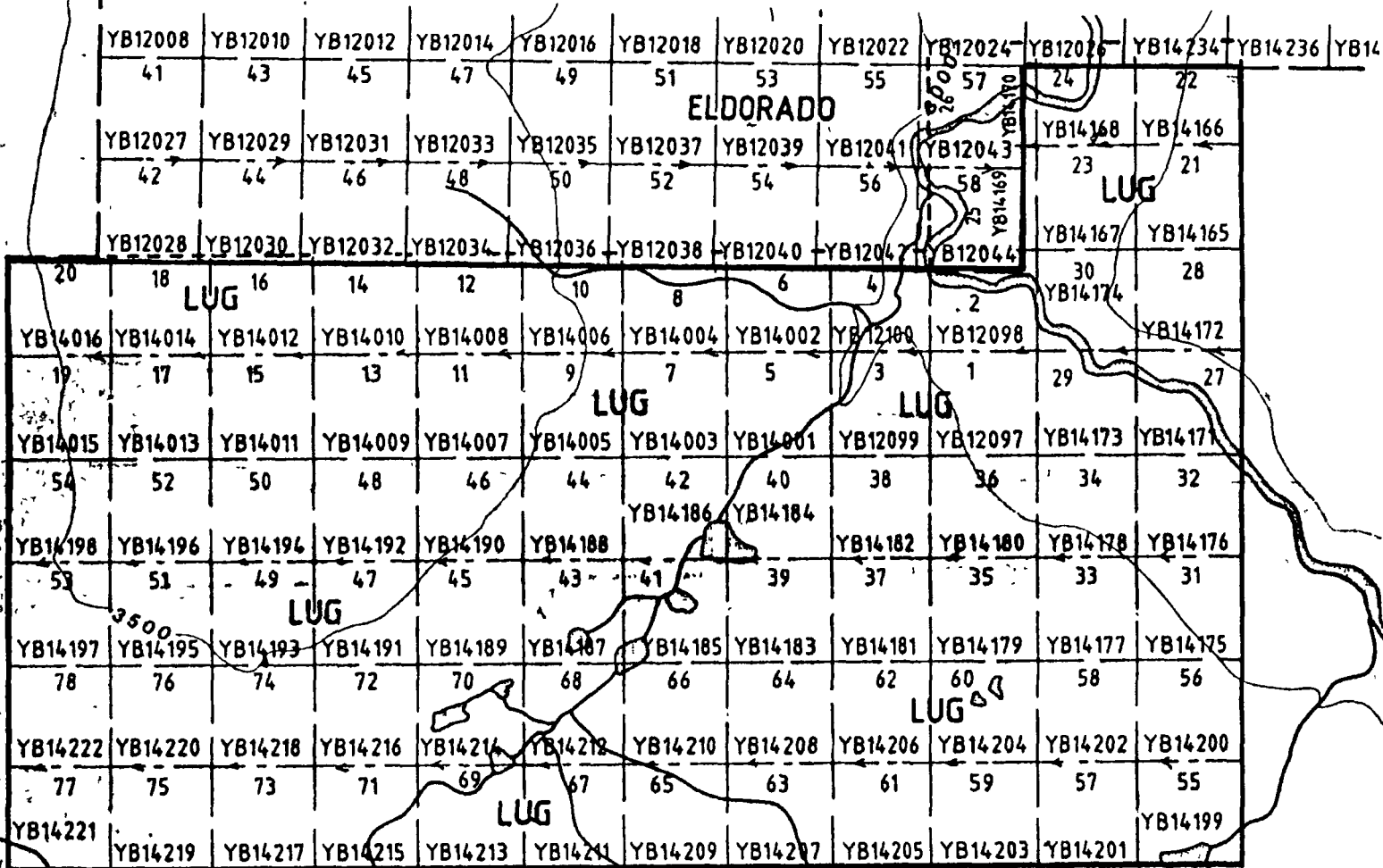
LUG PROPERTY

LOCATION MAP

1 inch = 100 miles

NOV 1988

FIGURE 1



YUKON JOINT VENTURE
 NORTHERN DYNASTY EXPLORATIONS LTD.

LUG CLAIMBLOCK

NTS 105 G/12 STARR CREEK

SCALE 1 : 30000

MAY-SEP 1988

FIGURE 2

1.4 Claim Status and Titles

The Lug Property is located in the Watson Lake Mining District. It comprises 78 contiguous claims consecutively named Lug 1 to Lug 78 (Fig. 2). Expiry dates are as follows :

Lug 1 to 20	May 31, 1989.
Lug 21 to 78	June 20, 1989.

The claims are owned by Northern Dynasty Explorations Ltd. (Appendix 1).

1.5 Personnel and Survey Dates

The field work described in this report was conducted in several phases between May 11 and September 15, 1988. Report writing and drafting were done during November and December, 1988. A detailed list of personnel involved on the project and survey dates is in Appendix 2.

1.6 History

- 1958-59: Wheeler et al. (1960) mapped the Finlayson Lake map sheet (NTS 105G) at a scale of 1"=4 mi. for the Geological Survey of Canada.
- 1961: An airborne magnetic survey was carried out by the Geological Survey of Canada (1961) over map sheet 105G as part of a regional series of surveys.
- 1958-76: Various Geological Survey of Canada mapping projects on the Finlayson Lake (105G) and Quiet Lake (105F) map sheets were carried out and compiled by Templeman-Kluit (1977).
- 1987: The Geological Survey of Canada (1988) conducted a regional stream sediment and water geochemical survey over map sheet 105G. A weak coincident gold-arsenic anomaly was detected at the mouth of Hoolio Creek.
- 1988: The Hoolio Creek gold-arsenopyrite showing located just north of the property, was discovered by Northern Dynasty prospectors during follow-up of a heavy minerals Au-As anomaly at the mouth of Hoolio Creek.

2.0 Geology Report

2.1 Introduction

Geological mapping on the Lug Property was mainly conducted along claimlines and drainages (Plate 1). Sparse outcrop and typically poor geophysical responses made delineation of the geology difficult and uncertain over much of the property.

2.2 Regional Geology

The property is located in the Yukon Tannana Terrane ten kilometres north of the Tintina Fault on the Finlayson Lake map sheet (105G). The sericite schists, chlorite schists, and lesser limestones found on the property (units Cs2, Cs1, C1 - Plate 1) belong to unit 'A' of Wheeler et al. (1960) and probably are part of unit PPK3 of Templeman-Kluit (1977). Wheeler et al. (1960) correlate these lithologies with a variety of biotite schists, chlorite schists and quartzites of probable Cambrian age over a part of the southeastern Yukon. The Tertiary volcanics (unit Bm - Plate 1) belong to unit '11' of Wheeler et al. (1960) and unit QTvb of Templeman-Kluit (1977), and have been described in some detail by Jackson et al. (1986). These volcanics vary from mafic to locally felsic and are found in small patches over this part of the region.

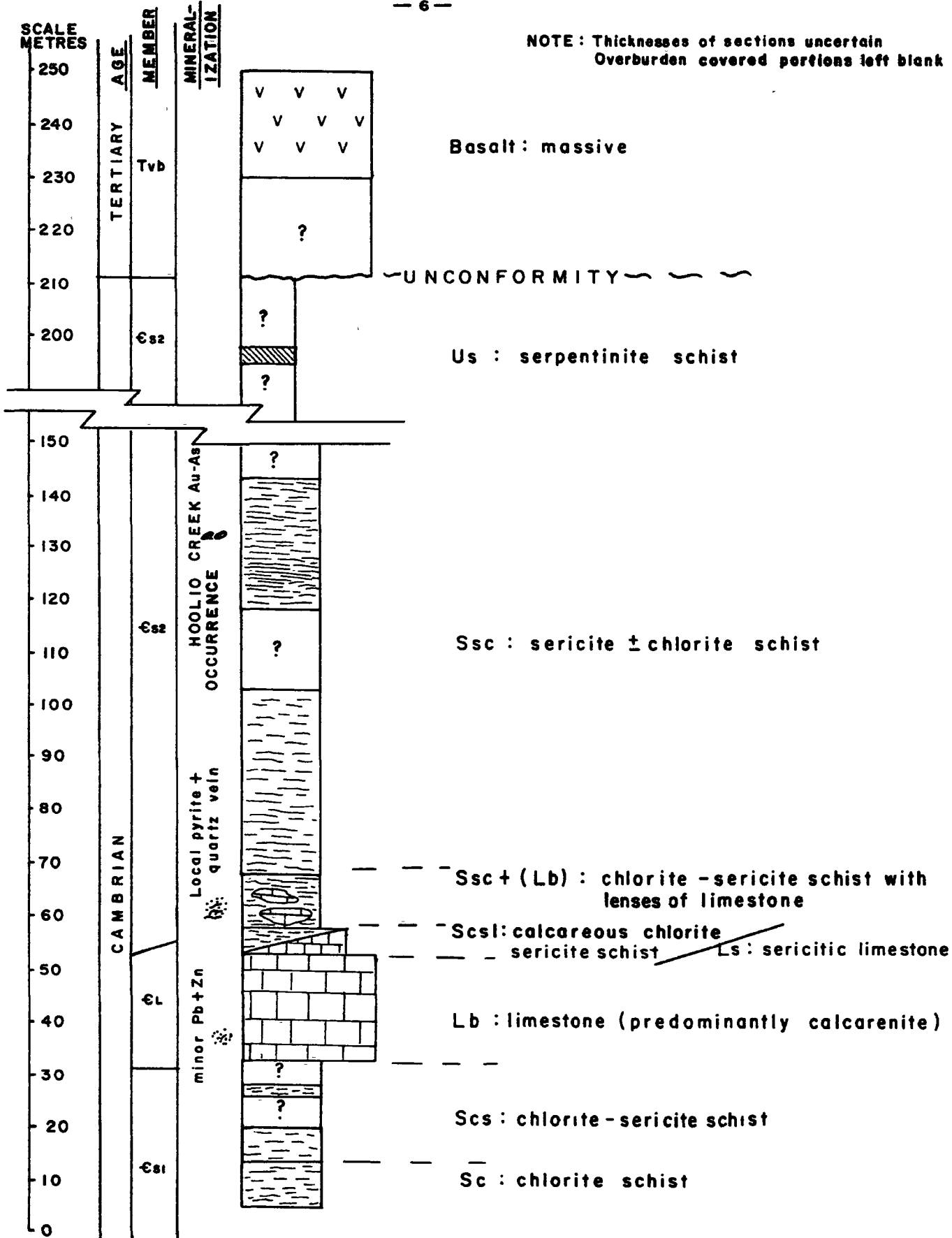
Tertiary volcanics host the recently discovered Grew Creek gold deposit located 70 km to the northwest in the Tintina Trench (Duke and Godwin, 1986). Gold occurrences in the vicinity of the Lug Property are, in contrast, hosted by Cambrian schists which have not previously been known to host gold mineralization.

2.3 Property Geology

The Lug Property is mainly underlain by flat-lying Cambrian schists and lesser limestones of probable Cambrian age (Plate 1, Fig. 3). These Cambrian units are unconformably overlain to the west by undeformed and unaltered Tertiary basalts. The main gold occurrence in the area is hosted by Cambrian sericite schists outcropping in Hoolio Creek just north of the property (Plate 1).

The Cambrian stratigraphy has been informally divided into a structurally Lower Schist member (Cs1), a Middle Limestone member (C1), and an Upper Schist member (Cs2). These strata are best exposed along the Hoolie River and Hoolio Creek. Stratigraphic facing directions have not been determined.

NOTE: Thicknesses of sections uncertain
Overburden covered portions left blank



LUG PROPERTY STRATIGRAPHIC SECTION

NOV 1988

FIGURE 3

The Lower Schist member (Cs1) is at least 20 m (65 ft) thick. It is a monotonous, medium green chlorite schist with increasing proportions of sericite up section. The upper contact of this member has not been observed.

The Middle Limestone member (Cl) is about 20 m (65 ft) thick and forms small cliffs and ridges. It is typically light grey weathering to buff white, and forms platy, tabular, and massive outcrops. Local vague primary textures suggest much of this member is a recrystallized calcarenite. No fossils were noted during the mapping. The upper contact is marked by a 10 m (?) thick section of intercalated limestones and variably calcareous to non-calcareous chlorite-sericite schists.

The Upper Schist member (Cs2) is at least 70 m (230 ft) thick and possibly 140 m (460 ft) thick as interpreted from ground magnetic data (Section 4.0). The structurally lowermost 35 m (115 ft) portion of this member consists of grey sericite schist with abundant green chlorite-rich portions. The overlying 35 m (115 ft) portion consists of medium and dark grey sericite schists with only sparse chloritic portions. The upper half of this member is not exposed on the Lug property. Some old trenches one kilometre north of claim Lug 6 reveal a section of serpentine schists which are projected to occupy a portion of the upper part of this member. A second ultramafic body may occur at 16+75S/29+25W where it is indicated by a strong magnetic response (Section 4.2).

Tertiary basalts unconformably (?) overlie the Cambrian strata. These massive rounded outcrops occupy the tops and western slopes of hills on the property. The basalts are unaltered, dark green-grey rocks with locally common fine green olivine eyes. Pillows, amygdules and other depositional textures were not observed. Neither were any penetrative tectonic fabrics evident.

2.4 Mineralization

Gold-arsenopyrite, pyrite-chalcopyrite-gold and galena-sphalerite mineralization occurs in a number of locations on and near the Lug Property.

2.4.1 Gold-Arsenopyrite Mineralization

The Hoolio Creek Gold Occurrence was found just north of the property. This gold horizon is projected to cross the property beneath overburden cover.

The Hoolio Creek Gold Occurrence is a 60 cm (2 ft) wide zone in an otherwise monotonous section of sericite schists (member Cs2). It

consists of 25% highly silicified lenses (up to 3x100 cm) hosting 30-70% fine to coarse crystalline arsenopyrite and 5% intergrown pyrite. A chip sample taken across the full 60 cm (2 ft) width of the zone returned 3.14 g/tonne Au (GY8-R-3). An arsenopyrite-rich grab sample returned 10.34 g/tonne Au (GY8-R-2).

2.4.2 Pyrite-Chalcopyrite Mineralization

Portions of the Upper Schist member (Cs2) host small lenses of disseminated sulphides at several horizons (Figure 3) along the Hoole River valley (Section 3.2.2). These zones are typically 0.2x2 m lenses hosting up to 15% pyrite and up to 5% chalcopyrite with associated gold values in the range of 98-630 ppb. Most of this mineralization was off the property and thus was not investigated further.

2.4.3 Galena-Sphalerite Mineralization

The Middle Limestone member (C1) hosts disseminated galena and sphalerite in small lenses up to 0.2x3 m in the vicinity of 0+00/4+85E. No significant gold or silver values accompany the mineralization nor does it appear to have any continuity along strike.

3.0 Geochemistry Report

3.1 Introduction

A preliminary program of rock, soil, and stream sediment geochemistry was carried out over select parts of the Lug Property and its vicinity (Plate 2). All samples were shipped to Acme Analytical Laboratories in Vancouver, B.C. for processing and analysis. All analytical results are recorded in Appendix 4 and plotted on Plate 2.

3.2 Rock Geochemistry

3.2.1 Introduction

Rock samples from bedrock exposures were collected at the discretion of field personnel. All samples were shipped unprepared to the laboratory where they were crushed to -100 mesh and analysed for gold by acid leach or fire assay with an atomic absorption finish. Most samples were also analysed for 30 elements by induced cation plasma (I.C.P.) spectrometry. Select samples were analysed for mercury by flameless atomic absorption (Appendix 4).

3.2.2 Discussion

Significant results were obtained from three areas on or near the property (Plate 2).

The Hoolio Creek Gold Occurrence just north of the property returned 3.14 g/tonne gold from a chip sample across 60 cm (2 ft) (sample GY8-R-3) and 10.34 g/tonne gold from a grab sample rich in arsenopyrite and pyrite (GY8-R-2). For further details see Section 2.4.1.

A number of anomalous gold and copper values were returned from several small zones of pyrite-chalcopyrite mineralization along the Hoole River valley. These zones are described further in Section 2.4.2. Grab samples from the zones returned the following values :

	<u>Au (ppb)</u>	<u>Cu (%)</u>
GY8-R-4	98	.05
GY8-R-5	630	2. + (ICP saturation)
MY8-R-21	430	2. + (ICP saturation)
MY8-R-22	193	.8
MY8-R-23	220	.5
MY8-R-24	8	.001

Small lenses of galena and sphalerite were found at 0+00/4+85E in a limestone cliff face. A grab sample (MK8-R-18) returned 0.1% Cu, 1%+ Pb, 1%+ Zn, and 37 ppb gold (Pb and Zn exceeded ICP saturation limits). For further information see Section 2.4.3.

Most of the other rock samples (Plate 2, Appendix 4) were grab samples from local zones of quartz veining and/or disseminated sulphides; none returned significant values in base or precious metals.

3.3 Soil Geochemistry

3.3.1 Introduction

Soil, till and talus samples were collected along line 4+00N at 25 m (80 ft) intervals, at 0+00/0+05N along a vertical profile in a test pit, and at selected sites in conjunction with rock samples (Plate 2). All samples were shipped unprepared to the laboratory where they were dried, sieved to retrieve the -80 mesh fraction, and analysed for gold and 30 elements in similar fashion to the rock samples (Section 3.2.1).

Soil horizons are poorly developed to not developed on the property. The test pit at 0+00/0+05N was dug to study and sample a typical overburden profile. Beneath a thin layer of caribou moss, the profile exposed a 4 cm (2 in) moderately decomposed black A-horizon humus layer (sample 0+00/0+05N A1) which was underlain by a 4 cm (2 in) layer of white volcanic ash. This ash layer was underlain by a 35 cm (14 in) layer of medium brown pebbly to silty till (sample T1). Below this till layer, a second (sample A2) and a third (samples A3 and T2) sequence of A-horizon-white ash-brown till layers were found. This superposition of layers is the product of repeated episodes of solifluction down the gentle slopes on the property. The test pit was dug to 70 cm (28 in) where it was stopped in permafrost. Permafrost was commonly encountered within a metre (3 ft) of surface throughout the property.

Samples collected along line 4+00N (Plate 2) were mainly brown to green till with local poorly developed B-horizon soils. Other samples collected in conjunction with bedrock samples were typically talus or till found at the base of the outcrops sampled.

Statistical methods were not employed to determine background metal values for the soils. An anomaly threshold of 20 ppb Au was used, however, based on experience elsewhere.

3.3.2 Discussion

Soil, till and talus samples collected in proximity to mineralized zones were usually anomalous in related metals. Talus sample GY8-S-2 taken at the base of the Hoolio Creek As-Au Occurrence (Section 2.4.1) returned highly anomalous values of 2657 ppm As and 152 ppb Au. Soil samples taken in the vicinity of pyrite-chalcopyrite-gold mineralization (Section 2.4.2) returned the following (Plate 2) :

	<u>Cu (ppm)</u>	<u>Au (ppm)</u>
MY8-S-1	17648	3215
MY8-S-2	168	6
MY8-S-3	310	48
MY8-S-4	84	10
MY8-S-5	915	1

The series of till and soil samples were collected along line 4+00N (Plate 2) in conjunction with magnetic and electromagnetic surveys. Low gold anomalies occur at 3+00W and 4+50W. These anomalies do not coincide with geophysical anomalies. They may, however, relate to possible gold-bearing horizons in the Upper Schist member structurally above the Hoolio Creek Gold Occurrence.

3.4 Stream Sediment Geochemistry

3.4.1 Introduction

Stream sediments were collected along Hoolio Creek and its tributary drainage. Samples were all good channel silts from the creeks which varied from 1-2 metres (3-7 ft) in width and 5-40 centimetres in depth. Upstream sample sites drained areas of till while sample sites in the vicinity of the Hoolio Creek Gold Occurrence (including sample GY8-SS-3) and areas downstream drained areas of bedrock. All samples were shipped unprepared to the laboratory where they were dried, sieved to retrieve the -80 mesh fraction, and analysed for gold and 30 elements in similar fashion to the rock samples (Section 3.2.1).

3.4.2 Discussion

Stream sediment samples collected downstream from the Hoolio Creek As-Au Occurrence were all anomalous :

	<u>Au (ppb)</u>	<u>As (ppm)</u>	<u>Distance from Au Occurrence</u>
Sample collected by the Geological Survey of Canada (1988) -			
GSC 105G 871070	7	40	90 m (300 ft) downstream from mouth of creek
Samples collected in May, 1988 -			
GY8-SS-3	1	--	50 m (160 ft) upstream
GY8-SS-4	12	265	15 m (50 ft) downstream
GY8-SS-5	14	96	90 m (300 ft) downstream
Samples collected in September, 1988 -			
GY8-SS-102	11	123	15 m (50 ft) downstream
GY8-SS-100	8	110	90 m (300 ft) downstream

Stream sediment samples collected upstream of the gold occurrence all returned background gold and arsenic values.

4.0 Ground Magnetics Report

4.1 Introduction

A preliminary ground magnetometer survey was run on a string grid following claim lines over most of the property (Plate 3). The instrument used was a Scintrex MFD-2 Digital Fluxgate Magnetometer with handheld accuracy of ± 10 gammas. Tie-in readings were generally stable so no corrections were applied to the data.

4.2 Discussion

The magnetic profiles (Plate 3) are generally flat and reflect the thick sequence of Cambrian schists and limestones which dominate the property (Section 2.3). A small persistent rise in magnetic values along the western portion of the grid is interpreted to delineate the Cambrian schist - Tertiary basalt contact. The high magnetic anomaly at 16+75S/29+25W may outline a small ultramafic body similar to the one found north of the property (Section 2.3, Fig. 3).

5.0 Electromagnetics (EM-16) Report

5.1 Introduction

A preliminary electromagnetic survey (Plate 4) was run on the same string grid used for the ground magnetic survey which covered most of the property. The instrument used was a Geonics Ronka EM-16 with an accuracy of $\pm 1^\circ$ for in-phase readings and $\pm 1\%$ for quadrature readings. The Seattle, Washington transmitter broadcasting at a frequency of 24.8 kHz was utilized.

5.2 Discussion

Electromagnetic profiles (Plate 4) indicate the presence of numerous anomalies across the entire grid. Due to the wide spacing of the survey lines, correlation of anomalies was not possible. The source of these anomalies is not known due to the extensive blanket of overburden. It is possible that some of the anomalies may reflect sulphide mineralization with associated gold values.

6.0 Conclusions

1. Significant gold mineralization is associated with an arsenopyrite-bearing zone of silicification (the Hoolio Creek Gold Occurrence) in Cambrian sericite schists just north of the property. This auriferous horizon probably extends across the property beneath overburden cover.
2. Anomalous gold values are associated with small lenses of pyrite-chalcopyrite mineralization in Cambrian schists just north of the property. These horizons also probably extend across the property beneath overburden cover.
3. A small galena-sphalerite occurrence is present in Cambrian limestones on the property.
4. Tertiary volcanics which host the Grew Creek Gold Deposit to the northwest do not appear to host alteration or gold mineralization on the property.
5. Till, soil and talus samples are typically anomalous near mineralized zones on the property.
6. Stream sediment samples draining the Hoolio Creek Gold-Arsenopyrite Occurrence are anomalous in gold and arsenic.
7. Magnetic profiles on the property are generally flat but do appear to delineate the Cambrian schist - Tertiary basalt contact.
8. Causes of the numerous electromagnetic anomalies outlined on the property are not known but some may reflect sulphide-gold mineralization in Cambrian schists.

7.0 Recommendations

1. Further geophysical and geochemical surveys should be carried out in the vicinity of claims Lug 1 to 6 to better investigate anomalies along the Hoolio Creek Gold Occurrence horizon and possible associated structures.

8.0 REFERENCES

Duke, L.L., and Godwin, C.I.

1986: Geology and alteration of the Grew Creek epithermal gold-silver prospect, south-central Yukon; in Yukon Geology, Vol. 1, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.72-82.

Geological Survey of Canada

1961: Starr Creek - Airborne Magnetics Map 1391G; Scale 1 inch = 1 mile, Sheet 105 G/12.

Geological Survey of Canada

1988: Regional stream sediment and water geochemical data, southeastern Yukon (105G); Geological Survey of Canada Open File 1648.

Jackson, L.E., Gordey, S.P., Armstrong, R.L., and Harakal, J.E.

1986: Bimodal Paleogene volcanics near Tintina Fault, east-central Yukon, and their possible relationship to placer gold; in Yukon Geology, Vol. 1, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.139-147.

Templeman-Kluit, D.J.

1977: Quiet Lake (105F) and Finlayson Lake (105G) map areas, Yukon Territory; Geological Survey of Canada, Open File 486.

Wheeler, J.O., Green, L.H., and Roddick, J.A.

1960: Finlayson Lake map area, Yukon Territory; Geological Survey of Canada, Map 8-1960.

Appendix 1

Property Holder

Appendix 1

Property Holder

Northern Dynasty Explorations Ltd.
844 West Hastings Street
Vancouver, British Columbia
V6C 1C8

Telephone : (604) 682-3727

Appendix 2

Personnel and Survey Dates

Appendix 2

Personnel involved in work on Lug Property during 1988 :

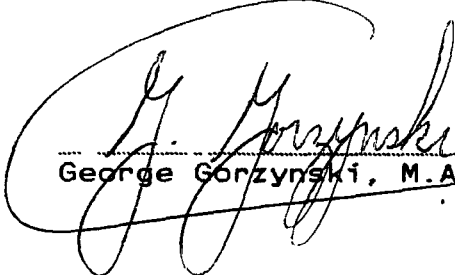
Personnel	Occupation	Survey Dates (1988)
George Gorzynski 3836 West 16 Avenue Vancouver, British Columbia V6R 3C7	Geologist	Field : May 11 - 12 August 24, 25, 26, 28, 30. Office: November 21 - 26. December 5 - 8.
H. Eric Ewen 3239 Ganymede Drive Burnaby, British Columbia V3J 1A5	Prospector/ Draftsman	Field: May 11 - 12. Office: November 22 - 30.
Mark Kilby 3282 West 6 Avenue Vancouver, British Columbia V6K 1X8	Technician	Field: August 24 - 28. August 30. September 1 - 8. Office: September 12 - 13.
Kevin Brumm General Delivery Ross River, Yukon	Technician	Field: August 28, 30.

Appendix 3

Statement of Expenditures

AFFIDAVIT SUPPORTING STATEMENT OF EXPENDITURES

I, George Gorzynski of Vancouver, British Columbia, do hereby state that, to the best of my knowledge and belief, the statement of costs presented in this report (1988 Summary Report - Lug Property) is both correct and true.


George Gorzynski, M.A.Sc. Eng.



Yukon Exploration Incentives ProgramStatement of Expenditures

LUG Claim Group
to December 31, 1988

Y.E.I.P. Designation Number E.I.P. 88052

Note : Expenditures listed below are :

1. Only related to work performed on the LUG Property. Cost of items such as field equipment was proportionally divided among all projects where the equipment was utilized and only that portion applicable to the LUG Property is included in this statement.
2. Eligible under the Yukon Exploration Incentives Program guidelines.
3. Only those eligible costs incurred after the June 9, 1988 activation date for this Yukon Exploration Incentives Program grant.

611 Salaries and Wages	\$ 500.00
631/633 Field Equipment and Supplies	613.95
635 Fuel	53.56
641 Air Travel	961.15
643 Rotary Wing	10,353.57
647 Miscellaneous Transport (Truck Rental)	487.02
649 Meals and Lodging	800.28
651 Consulting Fees and Wages - Field	2,995.00
- Office	2,637.50
657 Drafting	376.01
659 Assays and Analyses	836.88
660 Geophysical Equipment Rental	840.00
	=====
TOTAL	21,454.92

Supporting Documentation for 1988 Costs on the Lug Property.

- Invoices
- Expense Accounts
- Cancelled Cheques

611 SALARIES AND WAGES

	TOTAL PROJECT	LUG PROPERTY
	\$ 500.00	\$ 500.00
	=====	=====
TOTALS	\$ 500.00	<u>500.00</u>

**Northern
Dynasty
Explorations
Ltd.**



December 31, 1988

I N V O I C E

TO YUKON (LUG) PROJECT :

J.G. Simpson, P.Eng., Supervisor September/December (2 days @ \$250./day)	500.00
	=====
TOTAL	\$ 500.00

**Northern Dynasty
Explorations Ltd.**

**New Dynasty
Mines (U.S.), Inc.**

844 West Hastings Street
Vancouver
British Columbia
V6C 1C8
(604) 682-3727

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0989

Sept. 29 19 88

PAY TO THE
ORDER OF

J. G. SIMPSON

\$ 4,570.29

Four thousand, five hundred and seventy ----- 29
100 DOLLARS

NORTHERN DYNASTY EXPLORATIONS LTD

BANK OF BRITISH COLUMBIA
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PAY TO THE ORDER OF J. G. SIMPSON

\$ 4,570.29

Four thousand, five hundred and seventy ----- 29 DOLLARS
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00280-016

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BANK OF MONTREAL
VANCOUVER REGIONAL
DATA CENTRE

J. G. Simpson

42 L-125903

631/633 FIELD EQUIPMENT AND SUPPLIES

	TOTAL PROJECT	LUG PROPERTY
	\$ 103.04	\$ 60.35
	366.65	214.75
	140.00	82.00
	89.78	52.59
	316.66	185.47
	32.08	18.79
	=====	=====
TOTALS	\$ 1048.21	<u>613.95</u>

EXPENSE REPORT OF

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 1a

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
AUG 22	VANCOUVER	TOPO MAPS	\$ 55.12						\$ 55.12 ✓
"	"	FLARE GUN	33.76						33.76 ✓
"	"	PARKING	9.00						9.00 ✓
AUG 23	WHITBORSE	AIR FREIGHT (BUCKETS)	\$ 60.35 65.75						65.75 ✓
		GOVERNMENT PUBLICATION	45.00						45.00 ✓
		CLAIM MAPS	6.50						6.50 ✓
		FIELD EQUIPMENT	20.98						20.98 ✓
		HARDWARE	20.32						20.32 ✓
		TAPS	11.99						11.99 ✓
		FIELD EQUIPMENT 631	69.28 (103.04)						5.05 ✓
		GROCERIES 633	316.66 ✓						174.14 ✓
		BREAKFAST (2) 635	91.45 ✓			15.50			15.50 ✓
	BRABURN	LUNCH (2) 641	110 - ✓			16.50			16.50 ✓
	CARMACKS	GAS 647	674.75 ✓				23.00		23.00 ✓
		657	106.62 ✓						
AUG 24	ROSS RIVER	FIELD EQUIPMENT 649	1231.85 ✓						10.94 ✓
		GROCERIES	3.10						3.10 ✓
			2635.37						
AUG 26	"	FLAGGING TAP + GROCERIES	62.64						62.64 ✓
AUG 30	"	GROCERIES	76.78						76.78 ✓
		GAS							
SEPT 1	"	MOTEL (16 DAYS)	986.00			986.00			986.00 ✓
	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85			213.85 ✓
TOTAL									601.07

\$60.35
APPLICABLE
TO LUG

CHARGED TO COMPANY AND CASH ADVANCES

\$ _____

\$ _____

\$ _____

\$ _____

LESS CHARGES AND CASH ADVANCES

DUE EMPLOYEE OR (COMPANY)

EMPLOYEE INITIALS

APPROVAL INITIALS

FOR ACCOUNTING DEPT. ONLY

ISSUE CHECK FOR \$

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

2027 30/188 #992 (T-7799 08)

YUKON PROJECT

NORTHERN DYNASTY -

ART OF: SUPERIOR VENTURES

PERIOD: AUG. 22 - SEPT. 2/88

Page 20

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
SEPT 2	ROSS RIVER	GAS	*37.70				37.70		
	WHITEHORSE	TRUCK LOADING (11 DAYS)	600.00		600.00				
"	"	AIRFARE (M. KILBY - ROSS RIVER → WHITEHORSE)	111.00	111.00					
"	"	GAS	30.75				30.75		
<u>SUBDIVISION OF EXPENSES*</u> →									
AUG 22 - SEPT. 2 →									
LUG PROPERTY 81.58.574									
LION PROPERTY 21.									
RECONNAISSANCE 51.									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100.									
*ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
\$1543.56 APPLICABLE TO LUG PROPERTY									
TOTAL			*2635.37	111.00	600.00	1231.85	91.45	601.07	

CHARGED TO COMPANY AND CASH ADVANCES	_____ _____ _____	\$ _____ \$ _____ \$ _____ \$ _____	LESS CHARGES AND CASH ADVANCES DUE EMPLOYEE OR (COMPANY)	2635.37 2635.37	EMPLOYEE INITIALS 	APPROVAL INITIALS 	FOR ACCOUNTING DEPT. ONLY ISSUE CHECK FOR \$
--------------------------------------	-------------------------	----------------------------------------------	-----------------------------------------------------------------	------------------------	---------------------------	---------------------------	-----------------------------------------------------

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0992

Sept. 30 19 88

PAY TO THE ORDER OF GEORGE GORZYNSKI A/C 17 58535

\$ 7,799.08

Seven thousand, seven hundred and ninety-nine ----- 08 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD

BANK OF BRITISH COLUMBIA

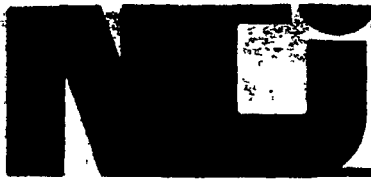
999 WEST HASTINGS ST PH 668-4630
VANCOUVER, B.C. V6C 1M3

PER *[Signature]*
PER *[Signature]*

⑈0000992⑈ ⑆00020⑈016⑆ 30632⑈6⑈02⑈ ⑆0000779908⑆

*in deposit by
A/c 17 58 535*

SEP 30 1988
#21



NEVILLE CROSBY INC.

325 W. 6th AVENUE, VANCOUVER, B.C. V6Y 1L1
TELEPHONE 873-4343 TELEX 04-507762

MINING & FORESTRY SUPPLIES

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NORTHERN DYNASTY EXPLORATIONS LTD.
844 W. HASTINGS ST.
VANCOUVER, BC
V6C 1C8

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O

PICKED-UP BY GEORGE GORZYNSKI

DATE: SEPT. 7/88

REG NO I 5019

CUSTOMER P.O. NUMBER

INVOICE

66044

SHIPPED VIA TAKEN	NO OF PARCELS	SHIPPER	CLERK LV	CASH	CHARGE X	C.O.D.
----------------------	---------------	---------	-------------	------	-------------	--------

QUANTITY		CAT No	DESCRIPTION	B/O	SHIPPED	PRICE PER UNIT	AMOUNT		
ORDERED	UNIT								
1	ONLY	E3-22P	ROCK HAMMER		1		33	95	
2	"	M25	HIP CHAIN		2	15.00	230	00	
1	PKG		HIP CHAIN THREAD		1		35	00	
1	CAN		COUNTER ASSAULT		1		46	95	
							345	90	
Pd Sept 30/88 # 1006									
YOK									
APPROVED FOR PAYMENT									
\$214.75 APPLICABLE TO LOG PROPERTY									
							S.S. TAX	20	75
							DELIVERY		
							TOTAL	366	65

Overdue Accounts subject to interest.
Merchandise returned for Credit will not be accepted unless previous arrangements have been made.
TERMS: Sales Net 30 Days / Rentals in Advance.

PLEASE PAY THIS AMOUNT

Thank You

INVOICE

NORTHERN DYNASTY EXPLORATIONS LTD.
84 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

1006

Sept. 30 19 88

PAY TO THE
ORDER OF

NEVILLE CROSBY INC.

\$ 366.65

Three hundred and sixty-six ----- 65 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

PER _____
PER _____

⑈0001006⑈ ⑆00020⑈016⑆ 30632⑈6⑈02⑈ ⑈0000036665⑈

ROYAL BANK
BRITISH
COLUMBIA
PC
01 28 04

FOR DEPOSIT ONLY
NEVILLE CROSBY INDUSTRIES
DIVISION OF
BRADBURY INTERNATIONAL EQUITIES LIMITED
Received with Thanks

NORTHERN DYNASTY EXPLORATIONS LTD.
 844 W. HASTINGS STREET PHONE (604) 682-3727
 VANCOUVER, B.C. V6C 1C8

0973

Sept. 12 19 88

PAY TO THE ORDER OF ACME ANALYTICAL

Two thousand, seven hundred and eight-eight ----- 20 DOLLARS
 100

BANK OF BRITISH COLUMBIA
 999 WEST HASTINGS ST. PH. 668-4630
 VANCOUVER, B.C. V6C 1M3

NORTHERN DYNASTY EXPLORATIONS LTD.

PER [Signature]
 PER [Signature]

⑈0000973⑈ ⑆00020⑆016⑆ 30632⑆6⑆02⑆ ⑆0000278820⑆

Aug 24 1988

NORTHERN DYNASTY EXPLORATION
 844 W. HASTINGS ST.
 VANCOUVER, BC
 V6C 1C8

TERMS
 NET TWO WEEKS
 1 1/2 % PER MONTH CHARGED ON
 OVERDUE ACCOUNTS

NUMBER	ASSAY	PRICE	AMOUNT
	1000 SOIL ENVELOPES		140.00
	SENT TO WHITEHORSE, YT BY CANADIAN AIRLINES		
	TOTAL		140.00

*\$82.00 APPLICABLE
TO LUG PROPERTY*

SE 88 13
 ROYAL BANK
 BRITISH COLUMBIA PC

THE ROYAL BANK OF CANADA
 CHESTNUT STREET
 VANCOUVER, B.C.
 00740-003

⑈0000973⑈

⑈000145⑈

NEVILLE CROSSBY INC.

325 W. 6th AVENUE, VANCOUVER, B.C. V5Y 1L1
 TELEPHONE 873-4343 TELEX 04-507762

MINING & FORESTRY SUPPLIES

SOLD TO NORTHERN DYNASTY EXPLORATIONS LTD.,
844 W. HASTINGS ST.
VANCOUVER, BC
V6C 1C8

SHIP TO

DATE: **AUGUST 18/88**

REG. NO. **I 3802**

CUSTOMER P.O. NUMBER

Y U T

INVOICE

65388

SHIPPED BY **BH** NO. OF PARCELS **1** SHIPPER **JK** CLERK **LF** CASH CHARGE **X** C.O.D.

QUANTITY		CAT. No.	DESCRIPTION	B/O	SHIPPED	PRICE PER UNIT	AMOUNT
ORDERED	UNIT						
2	DOZ		ORANGE GLO FLAGGING TAPE		2702	15.50	31.00
3	ONLY		RIR LEVEL ONLY SOFTCOVER NOTEBOOKS		3	29.5	8.85
1	15TDCL		SILVA COMPASS		1		44.85
							84.70
							5.08
							89.78

APPROVED FOR PAYMENT

\$52.59 APPLICABLE TO LOG PROPERTY

Pd. Aug 29/88 # 946

Overdue Accounts subject to interest.
 Merchandise returned for Credit will not be accepted unless previous arrangements have been made.
 TERMS: Sales Net 30 Days / Rentals in Advance.

PLEASE PAY THIS AMOUNT

DELIVERY TOTAL **89.78**

INVOICE

Thank You

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0946

August 29 19 88

PAY TO THE ORDER OF NEVILLE CROSBY INC.

\$ 89.78

Eighty-nine ----- 78 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA

999 WEST HASTINGS ST PH 668-4630
VANCOUVER, B.C. V6C 1M3

PER _____

PER _____

Received with Thanks
DIVISION OF
VANCOUVER INTERNATIONAL EQUITIES LIMITED
"20" "82 9030632" "88
NEVILLE CROSBY INDUSTRIES
FOR DEPOSIT ONLY

"88P8000000"

"0000946"

AG 88 30

ROYAL BANK
BRITISH COLUMBIA PC

YUKON PROJECT

NORTHERN DYNASTY - 88. 11

EXPENSE REPORT OF:

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 1 of 1

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER		
								ITEM	AMOUNT	
AUG 22	VANCOUVER	TOPO MAPS	55.12						55.12 ✓	
"	"	FLARE GUN	33.76						33.76 ✓	
"	"	PARKING	9.00						9.00 ✓	
AUG 23	WHITENORSE	AIR FREIGHT (BUCKETS)	65.75						65.75 ✓	
		GOVERNMENT PUBLICATION	45.00						45.00 ✓	
		CLAIM MAPS	6.50						6.50 ✓	
		FIELD EQUIPMENT	20.98						20.98 ✓	
		HARDWARE	20.32						20.32 ✓	
		TAPS	11.99						11.99 ✓	
		FIELD EQUIPMENT 631	5.05						5.05 ✓	
		GROCERIES 633	174.14						174.14 ✓	
		BREAKFAST (2) 635	15.50			15.50				
	BRADBURN	LUNCH (2) 641	16.50			16.50				
	CARMACKS	GAS 647	23.00				23.00			
		657								
AUG 24	ROSS RIVER	FIELD EQUIPMENT 649	10.94						10.94 ✓	
		GROCERIES	3.10						3.10 ✓	
			2635.37							
AUG 28	"	FLAGGING TAPE + GROCERIES	62.64						62.64 ✓	
AUG 30	"	GROCERIES	76.78						76.78 ✓	
SEPT 1	"	MOTEL (16 days)	986.00			986.00				
"	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85				
TOTAL									601.07	
CHARGED TO COMPANY AND CASH ADVANCES		\$ _____	LESS CHARGES AND CASH ADVANCES	EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY				
		\$ _____								
		\$ _____				DUE EMPLOYEE OR (COMPANY)	ISSUE CHECK FOR \$			
		\$ _____								

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

2027 3/158 # 992 (T-7799 08)

YUKON PROJECT

NORTHERN DYNASTY -

OF: SUPERIOR VENTURES

PERIOD: AUG. 22 - SEPT. 2/88

Page 2

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
SEPT 2	ROSS RIVER	GAS	*37.70				37.70		
	WHITEHORSE	TRUCK LOSING (11 DAYS)	600.00		600.00				
	"	AIRFARE (M. KILBY - ROSS RIVER → WHITEHORSE)	111.00	111.00					
	"	GAS	30.75				30.75		
<u>SUBDIVISION OF EXPENSES*</u> →									
AUG 22 - SEPT. 2 →									
LUG PROPERTY 28% 58.5%									
LION PROPERTY 28%									
RECONNAISSANCE 15%									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100%									
*ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
\$1543.56 APPLICABLE TO LUG PROPERTY									
TOTAL			*2635.37	111.00	600.00	1231.85	91.45		601.07

CHARGED TO COMPANY AND CASH ADVANCES	\$ _____ \$ _____ \$ _____ \$ _____	LESS CHARGES AND CASH ADVANCES	DUE EMPLOYEE OR (COMPANY)	2635.37	EMPLOYEE INITIALS <i>[Signature]</i>	APPROVAL INITIALS <i>[Signature]</i>	FOR ACCOUNTING DEPT. ONLY
							ISSUE CHECK FOR \$

YUKON PROJECT

EXPENSE REPORT OF: SUPERIOR VENTURES

PERIOD: AUGUST 23 - NOVEMBER 25, 1988

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	SHIP; AIR; RR FARE	TAXI & OTHER TRANSP	MEALS AND LODGING	ENTERTAINMENT	OTHER	
								ITEM	AMOUNT
AUG 23	WHITEHORSE	HARDWARE	20.00						20.00
SEPT. 6	ROSS RIVER	GROCERIES	12.08						12.08
SEPT. 8	"	PHONE	8.50						8.50
SEPT. 9	"	MOTEL (1 NIGHT X 1 PERSON)	✓ 56.00			56.00			
		MEALS (4 DAYS X 1 PERSON)	✓ 78.50			78.50			
		EXCESS BAGGAGE	✓ 71.25	71.25					
	WHITEHORSE	EXCESS BAGGAGE	✓ 60.00	60.00					
	VANCOUVER	TAXI	✓ 17.00		17.00				
SEPT 13	"	TAXI	8.50		8.50				
NOV 25	"	G.S.C. MAPS	12.19						12.19
		633 Camp Mt.	32.08 ✓						
		647 Misc. Sr.	156.75 ✓						
		649 Meals / Lod.	134.50 ✓						
		657 Dr. Printing	12.19 ✓						
		661 Comm. / Postage	8.50 X						
			344.02						
									52.77 TOTAL

#18.79 APPLICABLE TO LUG

#196.52 APPLICABLE TO LUG PROPERTY

#344.02

CASH ADVANCES \$ _____

DUE EMPLOYEE OR (COMPANY) \$ 344.02

EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY
(Signature)	(Signature)	ISSUE CHECK FOR \$

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0992

Sept. 30 19 88

PAY TO THE ORDER OF GEORGE GORZYNSKI A/C 17 58535

\$ 7,799.08

Seven thousand, seven hundred and ninety-nine ----- 08 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST PH 668-4630
VANCOUVER, B.C. V6C 1M3

PER _____

PER _____

⑈0000992⑈ ⑆00020⑆016⑆ 30632⑆⑆6⑆⑆02⑆⑆ ⑆0000779908⑆

For deposit only

A/c 17 58 55

REC. NO. 121
SEP 30 1988
A/C 17 58 55

SEP 30 1988
A/C 17 58 55

635 FUEL

	TOTAL PROJECT	LUG PROPERTY
	\$ 91.45	\$ 53.56
	=====	=====
TOTALS	\$ 91.45	<u>53.56</u>

YUKON PROJECT

NORTHERN DYNASTY -

EXPENSE REPORT OF:

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 1

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
Aug 28	Vancouver	Topo Maps	55.11						55.11 ✓
"	"	FLARE GUN	33.76						33.76 ✓
"	"	PARKING	9.00						9.00 ✓
Aug 29	Whitehorse	AIR FREIGHT (BUCKETS)	65.75						65.75 ✓
		GOVERNMENT PUBLICATION	45.00						45.00 ✓
		CLAIM MAPS	6.50						6.50 ✓
		FIELD EQUIPMENT	20.98						20.98 ✓
		HARDWARE	20.32						20.32 ✓
		TAPS	11.99						11.99 ✓
		FIELD EQUIPMENT 631	5.05						5.05 ✓
		GROCERIES 633	174.14						174.14 ✓
		BREAKFAST (2) 635	15.50			15.50			
	Baraborn	LUNCH (2) 641	16.50			16.50			
	Carmacks	GAS 647	23.00				23.00		
		657							
Aug 29	Rose River	FIELD EQUIPMENT 649	10.94						10.94 ✓
		GROCERIES	3.10						3.10 ✓
		2635.37							
Aug 20	"	FLAGGING TAPG + GROCERIES	62.64						62.64 ✓
Aug 30	"	GROCERIES	76.78						76.78 ✓
Sept 1	"	MOTEL (16 days)	986.00			986.00			
	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85			

\$53.56
APPLICABLE TO
LUG

TOTAL

601.07

CHARGED TO COMPANY AND CASH ADVANCES

\$ _____
 \$ _____
 \$ _____
 \$ _____

LESS CHARGES AND CASH ADVANCES

DUE EMPLOYEE OR (COMPANY)

EMPLOYEE INITIALS

APPROVAL INITIALS

FOR ACCOUNTING DEPT. ONLY

ISSUE CHECK FOR \$

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

2027 3/1988 #992 (T-7799 08)

YUKON PROJECT

NORTHERN DYNASTY

OF:

SUPERIOR VENTURES

PERIOD: AUG. 22 - SEPT. 2/88

Page 20

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
SEPT 2	ROSS RIVER	GAS	37.70				37.70		
	WHITEHORSE	TRUCK LOSING (11 DAYS)	600.00		600.00				
"	"	AIRFARE (M. KILBY - ROSS RIVER → WHITEHORSE)	111.00	111.00					
"	"	GAS	30.75				30.75		
<u>SUBDIVISION OF EXPENSES*</u> →									
AUG 22 - SEPT. 2 →									
LUG PROPERTY 84.58.57%									
LION PROPERTY 24%									
RECONNAISSANCE 5%									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100%									
*ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
\$1543.56 APPLICABLE TO LUG PROPERTY									
TOTAL			2635.37	111.00	600.00	1231.85	91.45		601.07

CHARGED TO COMPANY AND CASH ADVANCES	<div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div>	\$	\$	\$	\$	LESS CHARGES AND CASH ADVANCES	2635.37	EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY
						DUE EMPLOYEE OR (COMPANY)	2635.37			ISSUE CHECK FOR \$

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

641 AIR TRAVEL

	TOTAL PROJECT	LUG PROPERTY
	\$ 587.00	\$ 343.81
	943.00	552.32
	111.00	65.02
	=====	=====
TOTALS	\$ 1641.00	<u>961.15</u>



MacDonald Travel
 2ND FLOOR, 844 WEST HASTINGS ST
 VANCOUVER, B.C. V6L 1A4
 PHONE (604) 688-2339

NORTHERN DYNASTY EXPLORATIONS
 844 WEST HASTINGS ST
 VANCOUVER BC Z00000

AUG 22 1988

80822220

INVOICE
 NUMBER

FROM	TO	CARRIER	FLIGHT/CLASS	DATE	DEPART	ARRIVE	STATUS
VANCOUVER	WHITE HORSE	CANADIAN AIR	621Y	23AUG	830A	1050A	OK
			BREAKFAST				
WHITE HORSE	VANCOUVER	CANADIAN AIR	OPENY				
AIR TRANSPORTATION FARE CAD		537.00	TX CAD	50.00	TTL CAD	587.00	

TOUR 26AUG-

CHECK IN 45 MINUTES PRIOR TO FLIGHT TIMES
 UPON YOUR DECISION TO RETURN-PLEASE CALL
 CANADIAN AIRLINES AND THEY WILL BOOK YOUR
 RETURN FLIGHT

TICKET NUMBER(S):

KILBY/MARK MR

0184 3732070025

CH 587.00

CHECK-ACCT-NORTHE

INVOICE TOTAL CAD 587.00

\$343.81 APPLICABLE
 TO LUG PROPERTY

TICKET NUMBER

CASH SALE

ON ACCOUNT

CREDIT CARD SALES

XX DS

TERMS: PAYMENT DUE UPON RECEIPT OF INVOICE. 1% PER MONTH CHARGED ON OVERDUE ACCOUNTS.

YUKON PROJECT

NORTHERN DYNASTY - 08. 1

EXPENSE REPORT OF:

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 1 of 1

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
Aug 22	Vancouver	TOPO MAPS	55.12						55.12 ✓
"	"	FLARE GUN	33.76						33.76 ✓
"	"	PARKING	9.00						9.00 ✓
Aug 23	Whitehorse	AIR FREIGHT (BUCKETS)	65.75						65.75 ✓
		GOVERNMENT PUBLICATION	45.00						45.00 ✓
		CLAIM MAPS	6.50						6.50 ✓
		FIELD EQUIPMENT	10.98						10.98 ✓
		HARDWARE	20.32						20.32 ✓
		TAGS	11.99						11.99 ✓
		FIELD EQUIPMENT 631	69.28	103.04					5.05 ✓
		GROCERIES 633	316.66						174.14 ✓
		BREAKFAST (2) 635	91.45			15.50			15.50 ✓
	BRADBURN	LUNCH (2) 641	110.-			16.50			16.50 ✓
	CAMRACKS	GAS 647	674.75				23.00		23.00 ✓
		657	106.62						
Aug 24	Ross River	FIELD EQUIPMENT 649	1231.85						10.94 ✓
		GROCERIES							3.10 ✓
			2435.37						
Aug 26	"	FLAGGING TAGS + GROCERIES	62.64						62.64 ✓
Aug 30	"	GROCERIES	76.78						76.78 ✓
		GAS							
Sept 1	"	MOTEL (16 DAYS)	986.00			986.00			
	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85			

#65.02 APPLICABLE TO LUG



TOTAL

601.01

CHARGED TO COMPANY AND CASH ADVANCES

\$ _____
 \$ _____
 \$ _____
 \$ _____

LESS CHARGES AND CASH ADVANCES

DUE EMPLOYEE OR (COMPANY)

EMPLOYEE INITIALS

APPROVAL INITIALS

FOR ACCOUNTING DEPT. ONLY

ISSUE CHECK FOR \$

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

2027 30/58 #992 (T-7799 08)

YUKON PROJECT

NORTHERN DYNASTY -

OF SUPERIOR VENTURES

PERIOD: AUG. 22 - SEPT. 2/88

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
SEPT 2	ROSS RIVER	GAS	\$ 37.70				37.70		
	WHITEHORSE	TRUCK LOGGING (11 DAYS)	600.00		600.00				
	"	AIRFARE (M. KILBY - ROSS RIVER → WHITEHORSE)	111.00	111.00					
	"	GAS	30.75				30.75		
<u>SUBDIVISION OF EXPENSES*</u> →									
AUG 22 - SEPT 2 →									
LUG PROPERTY 87.58.574									
LION PROPERTY 284.									
RECONNAISSANCE 51.									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100%.									
*ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
\$1543.56 APPLICABLE TO LUG PROPERTY									
TOTAL			\$2635.37	111.00	600.00	1231.85	91.45	601.07	

CHARGED TO COMPANY AND CASH ADVANCES	<div style="border-left: 1px solid black; border-right: 1px solid black; height: 40px; margin: 0 auto;"></div>	\$ _____	LESS CHARGES AND CASH ADVANCES	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">2635.37</div>	EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY
		\$ _____					

643 ROTARY WING

LUG
PROPERTY

	\$	796.90
		735.60
		735.60
		1,317.95
		796.90
		698.82
		735.60
		735.60
		735.60
		735.60
		551.70
		551.70
		613.00
		613.00
		=====
TOTAL	\$	<u>10,353.57</u>

NOTE: THIS STATEMENT IS A CONFIRMATION OF PAYMENT

TO:

NORTHERN DYNASTY EXPLORATION
844 WEST HASTINGS STREET
VANCOUVER BC



REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD.

AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

V6C 1C8

\$5817.37 APPLICABLE TO LUG PROPERTY

DATE	REF. NO	DESCRIPTION	A/C	DEBIT	CREDIT	BALANCE
AUG31/88	83095	INVOICE	FDDL	796.90		
SEP15/88	83095	PAYMENT	83095		796.90	0.00
AUG31/88	83098	INVOICE	FDDL	735.60		
SEP15/88	83098	PAYMENT	83098		735.60	0.00
AUG31/88	83101	INVOICE	FDDI	735.60		
SEP15/88	83101	PAYMENT	83101		735.60	0.00
AUG31/88	83105	INVOICE	FDDL	2,635.90		
SEP15/88	83105	PAYMENT	83105		2,635.90	0.00
AUG31/88	83109	INVOICE	FDDL	796.90		
SEP15/88	83109	PAYMENT	83109		796.90	0.00
AUG31/88	83112	INVOICE	FDDL	2,329.40		
SEP15/88	83112	PAYMENT	83112		2,329.40	0.00
AUG31/88	83115	INVOICE	FDDI	735.60		
SEP15/88	83115	PAYMENT	83115		735.60	0.00
AUG31/88	83118	INVOICE	FDDL	2,819.80		
SEP15/88	83118	PAYMENT	83118		2,819.80	0.00
SEP06/88	83119	INVOICE	FDDL	2,329.40		
SEP15/88	83119	PAYMENT	83119		2,329.40	0.00
SEP09/88	83121	INVOICE	FDDL	735.60		735.60 ✓
SEP09/88	83124	INVOICE	FDDL	735.60		735.60 ✓
SEP09/88	83127	INVOICE	FDDL	735.60		735.60 ✓

CURRENT

30-60

60-90

OVER 90

TOTAL DUE

all paid - ok

TERMS TWO PERCENT INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED

CYCLES

PAID SENT 30/88 # 1003

157104

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

NOTE: THIS STATEMENT IS A CONFIRMATION OF PAYMENT

CUSTOMER NO.
NORTDYN

DATE
OCT 31 / 88

STATEMENT
OF YOUR ACCOUNT WITH PAGE: 1

TO

NORTHERN DYNASTY EXPLORATION
844 WEST HASTINGS STREET
VANCOUVER BC



REMIT PAYMENT TO
TRANS NORTH AIR
TRANS NORTH TURBO AIR LTD.
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

V6C JCR

DATE	REF NO	DESCRIPTION	A/C	DEBIT	CREDIT	BALANCE	
SEP 09 / 88	83121	INVOICE	FDDI	735.60			
OCT 04 / 88	83121	PAYMENT	83121		735.60-	0.00	
SEP 09 / 88	83124	INVOICE	FDDL	735.60			
OCT 04 / 88	83124	PAYMENT	83124		735.60-	0.00	
SEP 09 / 88	83127	INVOICE	FDDI	735.60			
OCT 04 / 88	83127	PAYMENT	83127		735.60-	0.00	
SEP 09 / 88	83132	INVOICE	FDDI	551.70			
OCT 04 / 88	83132	PAYMENT	83132		551.70-	0.00	
SEP 09 / 88	83137	INVOICE	FDDL	551.70			
OCT 04 / 88	83137	PAYMENT	83137		551.70-	0.00	
SEP 09 / 88	83141	INVOICE	FDDI	613.00			
OCT 04 / 88	83141	PAYMENT	83141		613.00-	0.00	
SEP 12 / 88	83145	INVOICE	FDDL	613.00			
OCT 04 / 88	83145	PAYMENT	83145		613.00-	0.00	
KEYSTONE BUSINESS FORMS							
			CURRENT	30-60	60-90	OVER 90	TOTAL DUE
			0.00	0.00	0.00	0.00	\$0.00

TERMS TWO PERCENT INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED

\$ 4536.20 APPLICABLE TO LOG PROPERTY

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

1003

Sept. 30 19 88

PAY TO THE ORDER OF TRANS NORTH AIR

\$ 4,536.20

Four thousand, five hundred and thirty-six ----- 20

DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

PER [Signature]
PER [Signature]

⑈0001003⑈ ⑆00020⑆016⑆ 30632⑆6⑆02⑈ ⑈0000453620⑈

09980-001
Bank of Montreal
SEP 04 1988
111 Main St.
Whitehorse, Yukon
09980-001
22
100-09670

For Deposit Only to the Account of
TRANS NORTH AIR LTD
1000-198

647 MISCELLANEOUS TRANSPORTATION

	TOTAL PROJECT	LUG PROPERTY
	\$ 674.75	\$ 395.21
	156.75	91.81
	=====	=====
TOTALS	\$ 831.50	<u>487.02</u>

YUKON PROJECT

NORTHERN DYNASTY - 88.11

EXPENSE REPORT OF:

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 10

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
Aug 28	Vancouver	TOPO MAPS	\$ 55.12						\$ 55.12
"	"	FLARE GUN	33.76						33.76
"	"	PARKING	9.00						9.00
Aug 28	Whitehorse	AIR FREIGHT (BUCKETS)	65.75						65.75
		GOVERNMENT PUBLICATION	45.00						45.00
		CLAIM MAPS	6.50						6.50
		FIELD EQUIPMENT	20.98						20.98
		HARDWARE	20.32						20.32
		TAGS	11.99						11.99
		FIELD EQUIPMENT 621	69.28	103.04					5.05
		GROCERIES 633	316.66						174.14
		BREAKFAST (2) 635	91.45			15.50			
	BARBOURN	LUNCH (2) 641	11.00			16.50			
	CARMACKS	GAS 647	674.75				23.00		
		657	106.62						
Aug 29	Ross River	FIELD EQUIPMENT 649	1231.85						10.94
		GROCERIES	3.10						3.10
			2435.37						
Aug 29	"	FLAGGING TAGS + GROCERIES	62.64						62.64
Aug 30	"	GROCERIES	76.78						76.78
		EGGS							
Sept 1	"	MOTEL (16 DAYS)	986.00			986.00			
	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85			

\$395.21
 APPLICABLE TO
 LUG

TOTAL

601.07

CHARGED TO COMPANY AND CASH ADVANCES

	\$
	\$
	\$
	\$

LESS CHARGES AND CASH ADVANCES

DUE EMPLOYEE OR (COMPANY)

EMPLOYEE INITIALS

APPROVAL INITIALS

FOR ACCOUNTING DEPT. ONLY

ISSUE CHECK FOR \$

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

2027 3-158 # 992 (T-7799 08)

YUKON PROJECT

NORTHERN DYNASTY -

AT OF: SUPERIOR VENTURES

PERIOD: AUG. 22 - SEPT. 2/88

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	O T H E R	
								ITEM	AMOUNT
SEPT 2	ROSS RIVER	GAS	37.70				37.70		
	WHITEHORSE	TRUCK LEASING (11 DAYS)	600.00		600.00				
	"	AIRFARE (M. KILBY - ROSS RIVER → WHITEHORSE)	111.00	111.00					
	"	GAS	30.75				30.75		
<u>SUBDIVISION OF EXPENSES*</u> →									
AUG 22 - SEPT 2 →									
LUG PROPERTY 68% 58.5%									
LION PROPERTY 2%									
RECONNAISSANCE 15%									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100%									
* ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
\$1543.56 APPLICABLE TO LUG PROPERTY									
TOTAL			2635.37	111.00	600.00	1231.85	91.45	601.07	

CHARGED TO COMPANY AND CASH ADVANCES	\$ _____ \$ _____ \$ _____ \$ _____	LESS CHARGES AND CASH ADVANCES		EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY
		DUE EMPLOYEE OR (COMPANY)	2635.37			ISSUE CHECK FOR \$

YUKON PROJECT

EXPENSE REPORT OF: **SUPERIOR VENTURES**

PERIOD: **AUGUST 23 - NOVEMBER 25, 1988**

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	SHIP; AIR; RR FARE	TAXI & OTHER TRANSP	MEALS AND LODGING	ENTERTAINMENT	OTHER	
								ITEM	AMOUNT
AUG 23	WHITEHORSE	HARDWARE	20.00						20.00
SEPT 6	ROSS RIVER	GROCERIES	12.00						12.00
SEPT 8	"	PHONE	8.50						8.50
SEPT 9	"	MOTEL (1 NIGHT X 1 PERSON)	56.00			56.00			
		MOTEL (4 DAYS X 1 PERSON)	78.50			78.50			
		EXCESS BAGGAGE	71.25	71.25					
	WHITEHORSE	EXCESS BAGGAGE	60.00	60.00					
	VANCOUVER	TAXI	17.00		17.00				
SEPT 13	"	TAXI	8.50		8.50				
NOV 25	"	G.S.C. MAPS	12.19						12.19

\$91.81 APPLICABLE TO LUG

633 Camp Dry. 32.08 ✓
 647 Misc. In. 156.75 ✓
 649 Meals / food. 134.50 ✓
 657 Drifting 12.19 ✓
 661 Comm. / Postage 8.50 X
344.02

\$196.52 APPLICABLE TO LUG PROPERTY

131.25 25.50 134.50 **52.77 TOTAL**

\$344.02

CASH ADVANCES	\$	\$	DUE EMPLOYEE OR (COMPANY)	\$344.02	EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY
					<i>[Signature]</i>	<i>[Signature]</i>	ISSUE CHECK FOR \$

649 MEALS AND LODGING

	TOTAL PROJECT	LUG PROPERTY
	\$ 1,231.85	\$ 721.50
	134.50	78.78
	=====	=====
TOTALS	\$ 1,366.35	<u>800.28</u>

YUKON PROJECT

NORTHERN DYNASTY - 80.8

EXPENSE REPORT OF:

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 10

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
Aug 22	Vancouver	TOPO MAPS	55.12						55.12 ✓
"	"	FLARE GUN	33.76						33.76 ✓
"	"	PARKING	9.00						9.00 ✓
Aug 23	Whitehorse	AIR FREIGHT (BUCKETS)	65.75						65.75 ✓
		GOVERNMENT PUBLICATION	45.00						45.00 ✓
		CLAIM MAPS	6.50						6.50 ✓
		FIELD EQUIPMENT	20.98						20.98 ✓
		HARDWARE	20.32						20.32 ✓
		TAP	11.99						11.99 ✓
		FIELD EQUIPMENT 631 6928 103.04	5.05						5.05 ✓
		GROCERIES 633 316.66 ✓	174.14						174.14 ✓
		BREAKFAST (2) 635 91.45 ✓	15.50			15.50			
	BRADBURN	LUNCH (2) 641 " 110.- ✓	16.50			16.50			
	CARMACKS	GAS 647 674.75 ✓	23.00				23.00		
		657 106.62 ✓							
Aug 24	Ross River	FIELD EQUIPMENT 649 1231.85 ✓	10.94						10.94 ✓
		GROCERIES	3.10						3.10 ✓
			2635.37						
Aug 26	"	FLAGGING TAP + GROCERIES	62.64						62.64 ✓
Aug 30	"	GROCERIES *721.50 APPLICABLE TO LUG	76.78						76.78 ✓
Sept 1	"	MOTEL (16 DAYS)	986.00			986.00			
	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85			

TOTAL

601.07

CHARGED TO COMPANY AND CASH ADVANCES

	\$
	\$
	\$
	\$

LESS CHARGES AND CASH ADVANCES

DUE EMPLOYEE OR (COMPANY)

EMPLOYEE INITIALS

APPROVAL INITIALS

FOR ACCOUNTING DEPT. ONLY

ISSUE CHECK FOR \$

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

2027 30 1988 # 992 (T-7799 08)

YUKON PROJECT

NORTHERN DYNASTY -

of **SUPERIOR VENTURES**

PERIOD: **AUG. 22 - SEPT. 2/88**

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
SEPT 2	KOSS RIVER	GAS	*37.70				37.70		
	WHITEHORSE	TRUCK LEASING (11 DAYS)	600.00		600.00				
	"	AIRFARE (M. KILIZY - KOSS RIVER → WHITEHORSE)	111.00	111.00					
	"	GAS	30.75				30.75		
SUBDIVISION OF EXPENSES* →									
AUG 22 - SEPT 2 →									
LUG PROPERTY 87.58.57									
LION PROPERTY 284.									
RECONNAISSANCE 51.									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100%.									
*ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
#1543.56 APPLICABLE TO LUG PROPERTY									
TOTAL			*2635.37	111.00	600.00	1231.85	91.45	601.07	

CHARGED TO COMPANY AND CASH ADVANCES	\$ _____ \$ _____ \$ _____ \$ _____	LESS CHARGES AND CASH ADVANCES	\$ _____ \$ _____ \$ _____ \$ _____	DUE EMPLOYEE OR (COMPANY) \$ 2635.37	EMPLOYEE INITIALS 	APPROVAL INITIALS 	FOR ACCOUNTING DEPT. ONLY ISSUE CHECK FOR \$
--------------------------------------	----------------------------------------------	--------------------------------	----------------------------------------------	-----------------------------------------	-----------------------	-----------------------	-------------------------------------------------

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

YUKON PROJECT

EXPENSE REPORT OF: **SUPERIOR VENTURES**

PERIOD: **AUGUST 23 - NOVEMBER 25, 1988**

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	SHIP; AIR; RR FARE	TAXI & OTHER TRANSP	MEALS AND LOGGING	ENTERTAINMENT	OTHER	
								ITEM	AMOUNT
Aug 23	WHITEHORSE	HARDWARE	20.00						20.00
SEPT. 6	ROSS RIVER	GROCERIES	12.08						12.08
SEPT. 8	"	PHONE	8.50						8.50
SEPT. 9	"	MOTEL (1 NIGHT X 1 PERSON)	56.00			56.00			
		MEALS (4 DAYS X 1 PERSON)	78.50			78.50			
		EXCESS BAGGAGE	71.25	71.25					
	WHITEHORSE	EXCESS BAGGAGE	60.00	60.00					
	VANCOUVER	TAXI	17.00		17.00				
SEPT 13	"	TAXI	8.50		8.50				
NOV. 25	"	G.S.C. MAPS	12.19						12.19
633	Camp M	32.08							
647	Office L	156.75							
649	Meals 1 had.	134.50							
651	Drapery	12.19							
661	Comm. 1 Package	5.50							
			344.02						
				131.25	25.50	134.50			52.77 TOTAL

#78.78 APPLICABLE TO LUG

#196.52 APPLICABLE TO LUG PROPERTY

\$344.02

CASH ADVANCES \$ _____

DUE EMPLOYEE OR (COMPANY) \$ 344.02

FOR ACCOUNTING DEPT. ONLY

ISSUE CHECK FOR \$ _____

651 CONSULTING FEES AND WAGES

	TOTAL PROJECT	LUG PROPERTY
	\$ 2,797.50	\$ 1,555.00
	1,990.00	1,990.00
	2,920.00	1687.50
	600.00	400.00
	=====	=====
TOTALS	\$ 8,307.50	<u>5,632.50</u>

DETAILED BREAKDOWN OF CONSULTING FEES

NAME	FIELDWORK	OFFICE WORK	TOTALS
G. Gorzynski	\$ 775.00	1,162.50	1,937.50
H.E. Ewen	0.	1,215.00	1,215.00
M. Kilby	1,820.00	260.00	2,080.00
K. Brumm	400.00	0.	400.00
	=====	=====	=====
TOTALS	<u>2,995.00</u>	<u>2,637.50</u>	<u>5,632.50</u>

SUPERIOR VENTURES
INVOICE FOR SERVICES

AUGUST 1-31, 1988

In account with :

Yukon Project
Hoole River Property
Northern Dynasty Explorations Ltd.

WAGES

George Gorzynski (10.⁵ days x \$155./day) \$1627.50
Mark Kilby (9⁶ days x \$130./day) 1170.00

BALANCE DUE:

\$ 2,797.50

1,555.00 APPLICABLE
TO LUG PROPERTY

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0992

Sept. 30 19 88

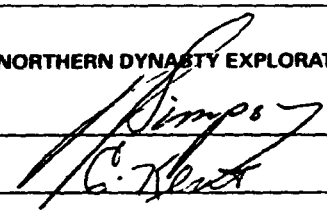
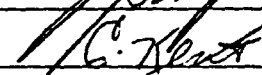
PAY TO THE ORDER OF GEORGE GORZYNSKI A/C 17 58535

\$ 7,799.08

Seven thousand, seven hundred and ninety-nine ----- 08 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

PER 
PER 

⑈0000992⑈ ⑆00020⑈016⑆ 30632⑈6⑈02⑈

⑈0000779908⑈

SUPERIOR VENTURES

INVOICE FOR SERVICES

NOVEMBER 1-30, 1988

In account with :

Yukon Project
Hoole River Property
Northern Dynasty Explorations Ltd.

WAGES

George Gorzynski (5 days x \$155./day)	\$ 775.00
H. Eric Ewen (9 days x \$135./day)	1215.00

BALANCE DUE:

\$1,990.00

ENTIRELY APPLICABLE
TO LUG PROPERTY

APPROVED FOR
PAYMENT

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

1637

Dec. 30 19 88

PAY TO THE ORDER OF GEORGE GORZYNSKI

10,440.66

Ten thousand, four hundred and forty ----- 66 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA
899 WEST HASTINGS ST. PH: 668-4630
VANCOUVER, B.C. V6C 1M3

⑈0001637⑈ ⑆00030⑆016⑆ 306⑆2⑆0⑆02⑆ ⑆000104066⑆

JAN - 01989 I.D. #13

JAN - 01989 I.D. #13

[Handwritten signatures and scribbles]
FOR DEPOSIT
58535
8535

JAN - 01989 I.D. #13

[Handwritten signature]

FOR DEPOSIT:
(10) 17-58535

KETZA ENTERPRISES LTD.

709 ~~850~~ - 744 West Hastings Street
Vancouver, B.C. V6C 1A5

Blake S. Macdonald, Pres.

Phone (604) 669-4744

January 13, 1989

Northern Dynasty Explorations Ltd.,
844 West Hastings Street,
Vancouver, B.C.

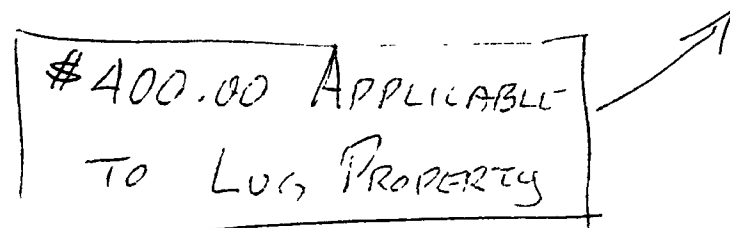
Attention: Glenn Simpson

Re: Log Claims

Invoice

1 man for 3 days @ \$200/day.....	\$600.00
Total	\$600.00

*\$400.00 APPLICABLE
TO LOG PROPERTY*



File # 88-2000

551

657 DRAFTING

	TOTAL PROJECT	LUG PROPERTY
	\$ 106.62	\$ 62.45
	138.45	138.45
	138.45	138.45
	64.59	29.52
	12.19	7.14
	=====	=====
TOTALS	\$ 460.30	<u>376.01</u>

EXPENSE REPORT OF:

SUPERIOR VENTURES

PERIOD:

AUGUST 22 - SEPTEMBER 2, 1988

Page 1

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
Aug 22	Vancouver	TOPO MAPS	\$ 55.12						\$ 55.12 ✓
"	"	FLARE GUN	33.76						33.76 ✓
"	"	PARKING	9.00						9.00 ✓
Aug 23	Whithorse	AIR FREIGHT (BUCKETS)	65.75						65.75 ✓
		GOVERNMENT PUBLICATION	45.00						45.00 ✓
		CLAM MAPS	6.50						6.50 ✓
		FIELD EQUIPMENT	20.98						20.98 ✓
		HARDWARE	20.32						20.32 ✓
		TAPS	11.99						11.99 ✓
		FIELD EQUIPMENT 621 6928 103 04	5.05						5.05 ✓
		GROCERIES 633 316 66 ✓	174.14						174.14 ✓
		BREAKFAST (2) 635 91.45 ✓	15.50			15.50			
	BRADBURN	LUNCH (2) 641 " 110 - ✓	16.50			16.50			
	CACNAKES	GAS 647 674 75 ✓	23.00				23.00		
		657 106 62 ✓							
Aug 24	Ross River	FIELD EQUIPMENT 649 1231 83 ✓	10.94						10.94 ✓
		GROCERIES	3.10						3.10 ✓
		2435 37							
Aug 26	"	FLAGGING TAP + GROCERIES	62.64						62.64 ✓
Aug 30	"	GROCERIES #62.45 APPLICABLE TO LOG	76.78						76.78 ✓
Sept 1	"	MOTEL (16 days)	986.00			986.00			
"	"	MEALS (2 PERSONS X 10 DAYS)	213.85			213.85			
TOTAL									601.07
CHARGED TO COMPANY AND CASH ADVANCES		\$ _____	LESS CHARGES AND CASH ADVANCES		EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY		
		\$ _____			//	//			
		\$ _____	DUE EMPLOYEE OR (COMPANY)				ISSUE CHECK FOR \$		

(SEE REVERSE SIDE FOR GENERAL INSTRUCTIONS)

227 3.158 #992 (T-7799 08)

PT OF.

SUPERIOR VENTURES

PERIOD:

AUG 22 - SEPT. 2/88

Page 2 of 2

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	AIR TRAVEL	MISC. TRANSP. / TAXI	MEALS AND LODGING	FUEL	OTHER	
								ITEM	AMOUNT
SEPT 2	ROSS RIVER	GAS	37.70				37.70		
	WHITEHORSE	TRUCK LOADING (11 DAYS)	600.00		600.00				
	"	AIRFARE (M. KILBY - ROSS RIVER → WHITEHORSE)	111.00	111.00					
	"	GAS	30.75				30.75		
<u>SUBDIVISION OF EXPENSES*</u> →									
AUG 22 - SEPT. 2 →									
LUG PROPERTY 68% 58.57									
LION PROPERTY 27%									
RECONNAISSANCE 5%									
SEPT. 3 → SEPT. 15 →									
LUG PROPERTY 100%									
*ALSO APPLICABLE TO HELICOPTER COSTS AND WAGES									
#1543.50 APPLICABLE TO LUG PROPERTY									
TOTAL			2635.37	111.00	600.00	1231.85	91.45	601.07	
CHARGED TO COMPANY AND CASH ADVANCES	{ _____ _____ _____ _____ _____	\$ _____ \$ _____ \$ _____ \$ _____	LESS CHARGES AND CASH ADVANCES	2635.37	EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY		
			DUE EMPLOYEE OR (COMPANY)				ISSUE CHECK FOR \$		

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

1626

Dec. 30 19 88

PAY TO THE ORDER OF

VANCAL

\$ 854.83

Eight hundred and fifty-four -----

83 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA

999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

PER _____

PER _____

⑈0001626⑈ ⑆00020⑆016⑆ 30632⑆6⑆02⑈

⑈0000085483⑈

FOR DEPOSIT ONLY
TO THE CREDIT OF
VANCAL EXPLORATIONS LTD.
ACCOUNT # 123 456 789 0

JA 89 05

ROYAL BANK
BRITISH COLUMBIA

PG 9

102750

⑈0000000000⑈

⑈0000000000⑈

EXPENSE REPORT OF SUPERIOR VENTURES

PERIOD AUGUST 23 - NOVEMBER 25, 1988

DATE	LOCATION	BUSINESS PURPOSE AND DESCRIPTION	TOTAL AMOUNT	SHIP; AIR; RR FARE	TAXI & OTHER TRANSP	MEALS AND LODGING	ENTERTAINMENT	OTHER	
								ITEM	AMOUNT
AUG 23	WHITEHORSE	HARDWARE	20.00						20.00
SEPT 6	ROSS RIVER	GROCERIES	12.08						12.08
SEPT 8	"	PHONE	8.50						8.50
SEPT 9	"	MOTEL (1 NIGHT X 1 PERSON)	56.00			56.00			
		MEALS (4 DAYS X 1 PERSON)	78.50			78.50			
		EXCESS BAGGAGE	71.25	71.25					
	WHITEHORSE	EXCESS BAGGAGE	60.00	60.00					
	VANCOUVER	TAXI	17.00		17.00				
SEPT 13	"	TAXI	8.50		8.50				
NOV 25	"	G.S.C. MAPS	12.19						12.19

633 Camp M 32 08 ✓
 647 Misc L 156 75 ✓
 649 Meals / Lod. 134 50 ✓
 657 Drisling 12 19 ✓
 661 Comm. / Postage 8 50 X
 344.02

#7.14 APPLICABLE TO LUG

#146.52 APPLICABLE TO LUG PROPERTY

131.25	25.50	134.50	52.77	TOTAL
344.02	EMPLOYEE INITIALS	APPROVAL INITIALS	FOR ACCOUNTING DEPT. ONLY	
344.02			ISSUE CHECK FOR \$	

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

1099

December 1 19 88

PAY TO THE ORDER OF GEORGE GORZYNSKI \$ 8,175.00

Eight thousand, one hundred and seventy-five ----- XX DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

PER _____
PER _____

⑈0001099⑈ ⑆00020⑆016⑆ 30632⑆6⑆02⑆ ⑆0000817500⑆

REC. NO. 1099
DEC-7 1988
DEC 10 1988
C.I.L.C. DATA CENTRE

For Deposit
(10) 17-58535

659 ASSAYS AND ANALYSES

	TOTAL PROJECT	LUG PROPERTY
	\$ 66.25	\$ 66.25
	2,446.32	547.63
	223.00	223.00
	=====	=====
TOTALS	\$ 2,735.57	<u>836.88</u>

Date: **AUG 31 1988**

NORTHERN DYNASTY EXPLORATION
844 W. HASTINGS ST.
VANCOUVER, BC
V6C 1C8

TERMS:
NET TWO WEEKS -
1% PER MONTH CHARGED ON
OVERDUE ACCOUNTS

NUMBER	ASSAY	PRICE	AMOUNT
7	30 ELEMENT ICP ANALYSIS @	6.25	43.75
7	GEOCHEM HG ANALYSIS BY FLAMLESS AA @	2.50	17.50
			61.25
	SURCHARGE FOR UNDER 20 SAMPLES PER BATCH		5.00
	TOTAL		<u>66.25</u>

LUG
PROPERTY

YOK 659

Pd. Sept 12/88
973

PLEASE PAY LAST AMOUNT →

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 . .st Hastings St., Vancouver, B.C. V6A 1R6

File: 88-4299

Date: SEPT 14 1988

NORTHERN DYNASTY EXPLORATION
844 W. HASTINGS ST.
VANCOUVER, BC
V6C 1C8

TERMS.
NET TWO WEEKS
1% PER MONTH CHARGED ON
OVERDUE ACCOUNTS

NUMBER	ASSAY	PRICE	AMOUNT
	PROJECT : YULON		
171	30 ELEMENT ICP ANALYSIS @	6.25	1068.75
171	GEOCHEM AU ANALYSIS BY ACID LEACH (10 GM) @	4.50	769.50
84	ROCK SAMPLE PREPARATION @	3.00	252.00
25	STREAM SED. SAMPLE PREPARATION @	0.85	21.25
12	PULVERIZING STREAM SED. SAMPLE @	1.50	18.00
62	SOIL SAMPLE PREPARATION @	0.85	52.70

			2182.20
	CANADIAN AIRLINES W/B #018-57379210		264.12

	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> #547.63 APPLICABLE TO LUG PROPERTY YEIP </div>	TOTAL	2446.32
	Y.T.	APPROVED FOR PAYMENT	

PLEASE PAY LAST AMOUNT →

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 88-4654

Date: Sep 27 1988

NORTHERN DYNASTY EXPLORATION
844 W. HASTINGS ST.
VANCOUVER, BC
V6C 1C8

TERMS:
NET TWO WEEKS
1% PER MONTH CHARGED ON
OVERDUE ACCOUNTS

NUMBER	ASSAY	PRICE	AMOUNT
	PROJECT : LUG		
15	30 ELEMENT ICP ANALYSIS @	6.25	93.75
15	GEOCHEM AU ANALYSIS BY FA+AA FROM 10 GM SAMPLE @	6.00	90.00
5	SOIL SAMPLE PREPARATION @	0.85	4.25
10	ROCK SAMPLE PREPARATION @	3.00	30.00

			218.00
	SURCHARGE FOR UNDER 20 SAMPLES PER BATCH		5.00
	TOTAL		223.00

LUG
PROPERTY

YCT
**APPROVED FOR
PAYMENT**

PLEASE PAY LAST AMOUNT →

NORTHERN DYNASTY EXPLORATIONS LTD.

844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0973

Sept. 12 19 88

PAY TO THE ORDER OF ACME ANALYTICAL \$ 2,788.20

Two thousand, seven hundred and eight-eight ----- 20 DOLLARS
100

NORTHERN DYNASTY EXPLORATIONS LTD.

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

PER _____
PER _____

⑈0000973⑈ ⑆00020⑈016⑆ 30632⑈6⑈02⑈ ⑆0000278820⑆

SE 88 13

ROYAL BANK
BRITISH COLUMBIA PC

24 JUN 1988
BAL. OF
VANCOUVER
00

⑈0000973⑈ ⑆00020⑈016⑆ 30632⑈6⑈02⑈ ⑆0000278820⑆

PER _____
PER _____

BANK OF BRITISH COLUMBIA
999 WEST HASTINGS ST. PH. 668-4630
VANCOUVER, B.C. V6C 1M3

NORTHERN DYNASTY EXPLORATIONS LTD.

Two thousand, seven hundred and eight-eight ----- 20 DOLLARS
100

PAY TO THE ORDER OF ACME ANALYTICAL \$ 2,788.20

Sept. 12 19 88

NORTHERN DYNASTY EXPLORATIONS LTD.
844 W. HASTINGS STREET PHONE (604) 682-3727
VANCOUVER, B.C. V6C 1C8

0973

660 EQUIPMENT RENTAL

	TOTAL PROJECT	LUG PROPERTY
	\$ 840.00	\$ 840.00
	=====	=====
TOTALS	\$ 840.00	<u>840.00</u>



December 31, 1988

I N V O I C E

TO YUKON (LUG) PROJECT :

Geonics Ronka VLF/EM (14 days @ \$30./day)	\$ 420.00
Fluxgate Magnetometer (14 days @ \$30./day)	420.00
	=====
TOTAL	\$ 840.00

Appendix 4

Chemical Analyses

LOG - COMPLETE SET OF ANALYSES

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: MAY 20 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: May 26/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: P1-P2 SOIL P3-P4 STREAM SED P5 ROCK
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

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

NORTHERN DYNASTY File # 88-1515 Page 1

SAMPLE#	AU* ppb
EY8-S 1	4
EY8-S 2	1

GY8-S 1	9
GY8-S 2	152

NORTHERN DYNASTY

FILE # 88-1515

Page 3

SAMPLE#	AU* ppb
EY8-SS 1	1
EY8-SS 2	1
EY8-SS 3	1
EY8-SS 4	1
EY8-SS 5	1
EY8-SS 6	1
EY8-SS 7	1
EY8-SS 8	1

NORTHERN DYNASTY

FILE # 88-1515

Page 4

SAMPLE#

**AU*
ppb**

GY8-SS 1	1
GY8-SS 2	2
GY8-SS 3	1
GY8-SS 4	12
GY8-SS 5	14

SAMPLE#	AU* ppb
EY8-R 1	1

GY8-R 1	1
GY8-R 2	10340
GY8-R 3	3140
GY8-R 4	98
GY8-R 5	630

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR NH FE SR CA P LA CR NG BA YI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: Pulp HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 20 1988

DATE REPORT MAILED: Aug 31/88

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

NORTHERN DYNASTY EXPLORATION

File # 88-1515R

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Vl	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Tl	B	Al	Na	K	W	Hg
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
GTO-S 2	2	1076	24	212	.4	92	59	632	4.32	2657	5	ND	13	36	1	3	11	32	.58	.081	289	32	.75	227	.01	23	2.48	.01	.13	1	100
GTO-SS 4	1	37	12	135	.3	40	15	2104	3.33	265	5	ND	2	57	1	3	2	38	1.43	.104	28	24	.67	316	.01	8	1.15	.01	.13	1	90
GTO-SS 5	1	47	10	131	.4	33	13	1945	2.87	96	5	ND	3	56	1	3	2	36	1.31	.096	25	22	.63	309	.01	26	1.12	.01	.12	1	70
GTO-R 2	1	1672	1729	144	7.5	27	40	187	15.76	20056	5	7	8	7	2	63	9	6	.09	.013	11	9	.43	8	.01	12	.99	.01	.10	1	20
GTO-R 3	1	859	510	224	3.2	35	27	488	9.31	19769	5	2	12	12	2	20	2	11	.31	.025	53	19	.88	24	.01	5	1.83	.01	.12	1	30
GTO-R 4	1	524	9	25	.2	9	7	395	.83	101	5	ND	3	27	1	3	2	4	1.88	.021	27	7	.19	19	.01	2	.35	.01	.07	1	10
GTO-R 5	1	19699	8	160	11.7	3	7	61	3.01	14	5	ND	1	2	1	4	6	2	.08	.004	3	4	.04	9	.01	8	.12	.01	.03	1	60
STD C	17	57	41	131	7.2	67	27	1084	4.01	44	18	7	36	47	18	17	20	56	.48	.080	39	56	.94	176	.06	32	1.97	.06	.13	12	1400

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR NW ZR SR CA P LA CR NG BA YI B V AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-P3 ROCK P4 STREAM SED. P5-P6 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. P, -20 mesh, Pulverized.

DATE RECEIVED: SEP 6 1988 DATE REPORT MAILED: Sept 14/88 ASSAYER: C. Leong D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORTHERN DYNASTY EXPL. LTD. PROJECT YUKON File # 88-4299 Page 1

SAMPLE#	NO	Cu	Pb	Zn	Ag	NI	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	YI	B	Al	Mo	K	V	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM

GT8-R-117	1	34	3	38	.1	20	9	160	2.33	9	5	ND	4	3	1	2	2	11	.10	.020	11	11	.44	22	.03	2	.01	.01	.09	2	1
GT8-R-118	1	50	5	81	.3	33	15	444	4.84	2	5	ND	12	12	1	2	2	32	.21	.058	40	29	1.24	70	.08	3	2.38	.01	.30	1	1
GT8-R-119	1	42	7	52	.3	26	10	876	4.57	39	5	ND	12	35	1	2	2	22	2.34	.051	20	24	.89	28	.02	4	1.95	.01	.12	2	2
GT8-R-120	1	29	5	43	.2	25	13	336	3.55	11	5	ND	4	8	1	2	2	21	.32	.036	26	19	.69	26	.02	2	1.36	.01	.05	2	1
GT8-R-121	1	15	3	35	.3	18	8	261	1.84	4	5	ND	3	4	1	2	2	11	.15	.031	14	9	.40	17	.02	2	.74	.01	.04	3	2

NORTHERN DYNASTY EXPL. LTD. PROJECT YUKON FILE # 88-4299

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	V	Au ^g
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
HEB-B-10	1	1146	17380	11357	10.9	10	18	326	1.39	32	5	ND	7	646	23	6	33	3	12.36	.033	15	6	.22	27	.01	5	.34	.01	.07	3	37
SYD C/AU-1	18	59	42	132	6.8	64	29	1059	4.07	42	24	7	40	48	18	16	20	58	.49	.091	38	56	.90	178	.07	32	1.98	.06	.13	12	530

ASSAY REQUIRED FOR CORRECT RESULT -

NORTHERN DYNASTY EXPL. LTD. PROJECT YUKON FILE # 88-4299

SAMPLE#	Mo	Cu	Pb	Zn	Ag	W	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Tl	B	Al	Na	K	V	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
GTO-SS-100	1	32	10	105	.2	27	12	1230	2.43	110	5	ND	1	45	1	2	2	25	1.02	.104	20	16	.53	237	.01	5	.77	.01	.05	1	8
GTO-SS-101	1	15	6	79	.1	18	7	1009	1.79	7	5	ND	1	42	1	2	2	24	.81	.098	12	14	.42	223	.01	4	.68	.01	.05	1	3
GTO-SS-102	1	24	17	112	.2	30	17	1698	3.14	123	5	ND	1	47	1	2	2	32	1.04	.094	17	20	.70	301	.01	2	.82	.01	.06	1	11

STD C/AD-S	16	58	41	131	6.8	48	29	1013	4.16	42	22	8	37	47	18	16	18	58	.50	.093	39	56	.92	177	.06	32	2.01	.06	.13	12	48
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NORTHERN DYNASTY EXPL. LTD. PROJECT-YUKON FILE # 88-4299

Page 5

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Tl	B	Al	Na	K	V	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
YL 4W 700W	2	11	14	87	.2	23	7	174	2.43	19	5	ND	3	18	1	2	2	37	.27	.042	15	21	.43	307	.01	4	1.08	.01	.08	1	1
YL 4W 675W	1	16	11	69	.4	24	6	191	2.19	18	5	ND	2	30	1	2	2	29	.55	.066	15	19	.39	396	.01	3	1.04	.01	.07	1	1
YL 4W 650W	1	16	15	109	.3	27	8	253	2.58	20	5	ND	3	23	1	2	2	33	.37	.057	18	23	.49	408	.02	4	1.13	.01	.08	1	2
YL 4W 625W	1	15	12	92	.3	27	8	240	2.16	14	5	ND	4	23	1	2	2	29	.35	.073	20	21	.42	307	.02	2	.90	.01	.07	1	9
YL 4W 500W	1	15	22	89	.5	26	9	369	2.48	21	5	ND	3	38	1	2	2	30	.71	.068	19	20	.44	478	.02	2	.99	.01	.07	2	1
YL 4W 375W	1	17	12	74	.3	27	9	329	2.42	30	5	ND	2	32	1	2	2	29	.57	.072	18	21	.48	349	.01	2	.97	.01	.05	1	1
STD C/AU-8	18	57	41	132	6.7	68	29	1056	4.19	45	18	7	37	47	18	16	18	58	.49	.091	39	55	.91	175	.06	32	1.97	.06	.13	12	49

NORTHERN DYNASTY EXPL. LTD. PROJECT YUKON FILE # 88-4299

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Nd PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Hg %	Ba PPM	Tl %	B PPM	Al %	Na %	K %	V PPM	Au* PPB
YL 4W 550V	1	43	22	105	.7	28	8	312	2.06	4	5	ND	1	119	1	2	2	36	2.33	.072	16	22	.60	635	.01	6	1.15	.01	.09	1	3
YL 4W 525V	2	18	16	106	.1	22	10	435	2.57	10	5	ND	1	36	1	2	2	43	.55	.054	17	25	.51	287	.01	4	1.14	.01	.08	1	4
YL 4W 500V	2	25	15	111	.2	29	10	407	2.70	7	5	ND	3	42	1	2	2	48	.68	.057	19	29	.59	411	.01	3	1.32	.03	.09	1	1
YL 4W 475V	2	35	13	120	.2	32	11	478	2.77	7	5	ND	3	39	1	2	2	50	.62	.053	19	28	.60	387	.01	3	1.37	.01	.10	1	3
YL 4W 450V	2	33	15	121	3	35	10	395	2.77	7	5	ND	3	38	1	2	2	50	.63	.051	20	29	.59	470	.01	3	1.47	.01	.10	1	28
YL 4W 425V	1	21	11	71	.2	21	6	320	1.79	2	5	ND	1	58	1	2	2	31	1.28	.049	13	20	.46	363	.01	2	1.00	.01	.07	1	1
YL 4W 325V	1	22	15	91	.3	25	10	1031	2.22	9	5	ND	1	83	1	2	2	32	1.82	.084	15	22	.55	334	.01	4	1.06	.01	.06	1	1
YL 4W 300V	1	29	15	97	.3	29	9	368	2.45	14	5	ND	5	102	1	2	2	28	3.52	.105	22	23	.91	333	.02	6	.98	.01	.04	2	26
YL 4W 275V	2	19	12	76	.1	30	10	268	2.99	9	5	ND	4	19	1	2	2	35	.32	.061	20	31	.62	276	.01	2	1.40	.01	.05	1	3
YL 4W 250V	2	14	12	68	.1	25	8	171	2.58	7	5	ND	3	18	1	2	2	37	.29	.040	17	29	.50	323	.01	2	1.27	.01	.05	1	1
YL 4W 225V	2	12	15	74	.1	18	7	217	2.50	3	5	ND	4	17	1	2	2	37	.27	.050	20	23	.39	336	.02	3	1.08	.01	.06	1	1
YL 4W 200V	2	34	16	92	.4	31	10	342	2.26	19	5	ND	2	78	1	2	2	34	2.21	.105	19	23	.63	334	.02	7	.97	.01	.10	2	5
YL 4W 175V	2	31	19	106	.2	31	10	366	2.75	15	5	ND	3	33	1	2	2	42	.54	.065	21	26	.55	301	.02	2	1.15	.01	.11	1	72
YL 4W 150V	2	25	15	126	.4	29	10	375	2.60	9	5	ND	4	43	1	2	2	47	.60	.102	20	27	.60	291	.01	4	1.20	.01	.14	1	1
YL 4W 125V	2	33	14	137	.3	29	9	383	2.30	14	5	ND	2	57	1	2	2	38	1.34	.059	15	23	.58	325	.01	7	1.05	.02	.12	2	10
YL 4W 100V	2	15	15	182	.1	24	12	796	3.44	21	5	ND	2	18	1	2	2	53	.22	.145	16	34	.53	246	.01	2	1.38	.01	.09	1	1
YL 4W 75V	1	14	18	111	.2	25	13	586	3.19	25	5	ND	4	16	1	2	2	46	.21	.107	19	35	.58	295	.01	4	1.46	.01	.08	1	1
YL 4W 50V	1	18	14	109	.2	28	10	481	2.97	17	5	ND	5	19	1	2	2	44	.29	.078	22	37	.66	281	.01	4	1.62	.01	.08	1	1
YL 4W 25V	1	11	13	212	.1	25	9	449	2.60	5	5	ND	3	16	1	2	2	38	.29	.034	17	29	.54	218	.01	2	1.40	.01	.07	1	1
YL 4W 0V	2	10	17	106	.1	20	6	259	2.51	12	5	ND	4	12	1	2	2	33	.22	.029	20	23	.41	119	.02	3	.87	.01	.06	1	1
YL 4W 25E	2	7	11	91	.1	16	5	194	2.33	9	5	ND	3	13	1	2	2	31	.24	.051	18	24	.40	97	.02	2	.76	.01	.06	1	1
0+00 0+05H A1	1	38	9	62	.3	18	5	148	1.18	7	5	ND	1	90	1	2	2	20	2.16	.051	8	12	.26	517	.01	2	.69	.01	.04	1	1
0+00 0+05H A2	1	45	9	50	.4	25	6	495	1.20	3	5	ND	1	123	1	2	2	19	2.95	.054	10	16	.30	642	.01	4	.74	.01	.04	2	1
0+00 0+05H A3	1	22	4	29	.4	9	3	549	.40	2	5	ND	2	234	1	2	2	6	5.65	.069	3	4	.26	553	.01	8	.25	.01	.03	1	2
0+00 0+05H Y1	1	80	14	109	.7	45	12	679	2.65	22	5	ND	1	55	1	2	2	38	1.10	.061	27	27	.56	494	.01	2	1.20	.01	.09	1	1
0+00 0+05H Y2	1	61	17	133	.6	38	11	414	2.27	9	5	ND	1	80	1	2	2	37	1.63	.068	21	27	.58	384	.01	3	1.19	.01	.09	1	3
STD C/AD-S	18	58	37	132	6.6	67	29	1062	4.02	38	22	6	37	47	17	20	19	57	.48	.091	38	56	.89	177	.07	32	1.97	.06	.14	11	48

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR NH FX SR CA P LA CR NG BA TE B V AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1 SOIL P2 ROCK AU** ANALYSIS BY ZA+AA FROM 10 GM SAMPLE.

YUT LUG

DATE RECEIVED: SEP 20 1988 DATE REPORT MAILED: *Sept 27/88* ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORTHERN DYNASTY EXPL. LTD. PROJECT LUG File # 88-4654 Page 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	F	La	Cr	Hg	Ba	Tl	B	Al	Se	I	V	Au**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
NY85-1	2	17648	19	192	23.9	41	34	458	10.67	45	5	ND	22	43	2	3	3	21	1.20	.068	39	28	.52	70	.01	2	1.79	.01	.09	1	3215
NY85-2	1	168	16	76	.2	40	12	905	1.68	28	5	ND	3	57	3	2	2	18	3.23	.042	17	19	.47	365	.01	4	.62	.01	.07	1	6
NY85-3	1	310	27	128	.6	65	20	1755	2.78	43	5	ND	5	90	2	2	2	29	3.48	.095	30	31	.81	555	.02	2	1.05	.02	.16	1	88
NY85-4	1	84	36	139	.1	79	22	2947	2.97	69	5	ND	6	60	2	2	2	28	2.56	.084	25	28	.80	469	.02	2	1.03	.02	.14	1	10
NY85-5	1	915	29	170	.1	83	84	1997	4.77	118	5	ND	16	69	3	3	2	29	2.12	.082	85	42	.91	393	.03	3	1.46	.01	.14	1	1
STD C/AU-5	17	59	40	132	6.7	70	31	1029	3.84	40	20	8	38	49	19	16	19	61	.46	.091	40	57	.85	179	.07	33	1.35	.06	.16	11	91

NORTHERN DYNASTY EXPL. LTD. PROJECT LUG FILE # 88-4654

SAMPLE#	Hc	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Ag**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
NYOR-19	1	19	5	40	.1	13	6	201	1.79	12	5	ND	5	125	1	2	2	16	1.47	.011	15	25	.52	70	.05	2	1.42	.08	.35	6	1
NYOR-20	1	26	2	36	.1	13	9	215	1.73	4	5	ND	3	4	1	2	2	5	.05	.015	10	13	.36	13	.01	2	.74	.01	.04	7	1
NYOR-21	1	16526	5	210	9.9	10	8	123	4.22	11	5	ND	2	5	2	2	2	7	.04	.012	5	13	.25	58	.01	4	.55	.01	.10	8	430
NYOR-22	1	8506	6	98	4.1	10	7	329	3.95	10	5	ND	6	8	1	2	2	14	.17	.028	15	15	.01	47	.03	4	1.32	.01	.10	3	193
NYOR-23	1	4831	3	65	4.6	13	8	178	3.45	12	5	ND	7	7	1	2	2	12	.08	.028	16	16	.40	58	.02	2	.77	.01	.11	4	220
NYOR-24	1	23	2292	2211	2.9	20	12	754	1.54	42	5	ND	9	254	22	2	2	10	9.66	.034	25	17	.49	44	.35	6	1.74	.01	.02	1	9
NYOR-25	1	56	8	41	.1	34	26	429	3.54	7	5	ND	9	9	1	2	2	28	22	.037	27	26	.75	44	.05	5	1.24	.03	.12	3	1
NYOR-26	1	38	20	73	.1	21	10	393	2.91	5	5	ND	5	19	1	2	2	22	.41	.047	19	24	.69	31	.03	2	1.53	.02	.05	2	1
NYOR-27	1	29	6	78	.2	34	18	928	4.62	6	5	ND	4	31	1	2	2	20	2.59	.029	14	19	1.42	43	.02	2	2.44	.01	.09	4	1
NYOR-28	1	29	5	46	.1	14	5	514	2.28	87	5	NC	1	33	1	2	2	7	.70	.013	3	6	.57	32	.01	2	.78	.01	.04	2	1
STD C/AU-R	15	53	43	135	6.9	68	30	1013	4.02	43	18	8	37	47	18	20	19	59	.48	.093	38	57	.90	179	.07	33	2.03	.06	.15	11	480

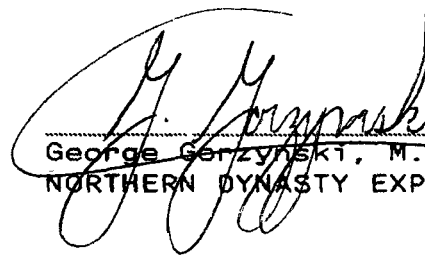
Appendix 5

Author's Certification

AUTHOR'S CERTIFICATION

I, George Gorzynski, of 3836 West 16 Avenue, Vancouver, British Columbia, hereby certify as follows :

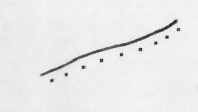

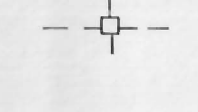
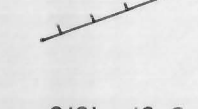
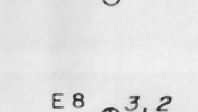
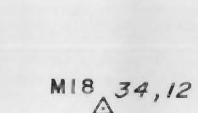

1. That I am a registered Professional Engineer in the Province of British Columbia.
2. That I graduated from the University of Toronto with a Bachelor of Applied Science Degree in Geological Engineering / Mineral Exploration in 1978, and from the University of British Columbia with a Master of Applied Science Degree in Economic Geology in 1986.
3. That I have practised my profession since 1978.
4. That I supervised and participated in the fieldwork and then authored this report based on the 1988 program on the Lug Property.



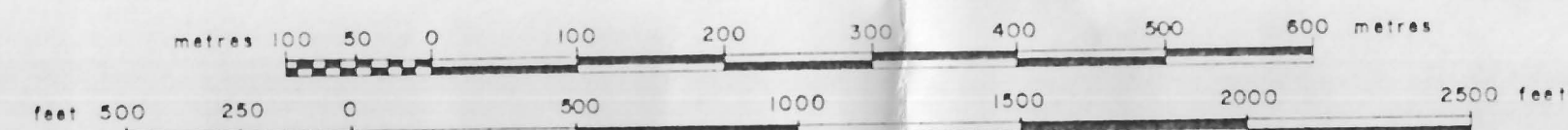
George Gorzynski, M.A.Sc., P.Eng.
NORTHERN DYNASTY EXPLORATIONS LTD.

YUKON JOINT VENTURE
 NORTHERN DYNASTY EXPLORATIONS LTD.
 LUG CLAIM GROUP
As, Au GEOCHEMISTRY

LEGEND

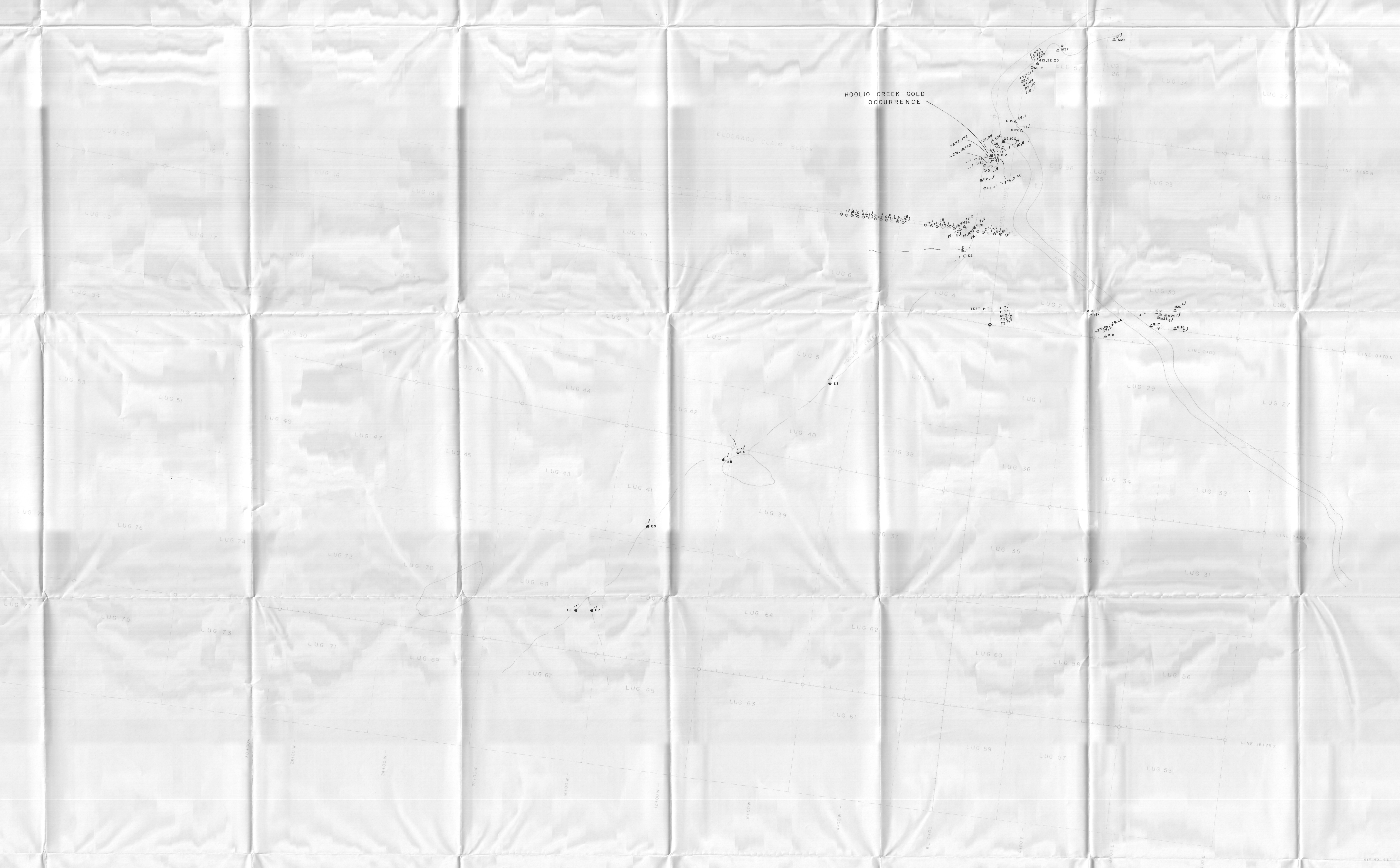
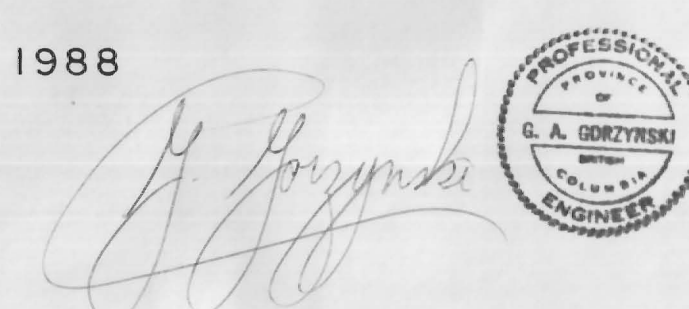
-  LAKE OR RIVER SHORE
-  CREEK
-  CLAIM POST AND CLAIM OUTLINE
-  GRID LINE WITH 25 METRE STATION SPACING
-  SOIL SAMPLE SITE WITH NUMBER AND ARSENIC (PPM), GOLD (PPB) (ITALICIZED)
-  STREAM SEDIMENT SAMPLE SITE WITH NUMBER AND ARSENIC (PPM), GOLD (PPB) (ITALICIZED)
-  ROCK SAMPLE SITE WITH NUMBER AND ARSENIC (PPM), GOLD (PPB) (ITALICIZED)

NTS 105 G/12 STARR CREEK, YUKON
 SCALE 1:5,000



MAY - SEP 1988

PLATE 2



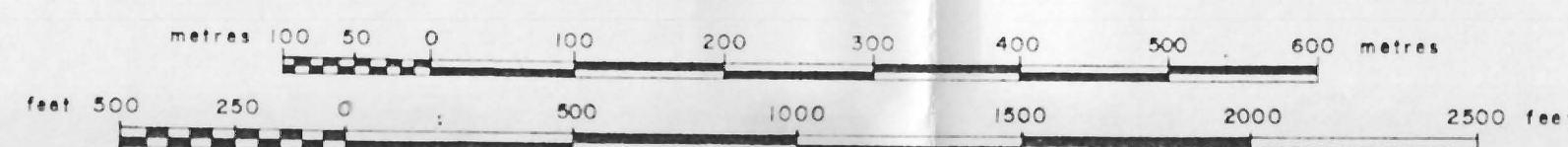
YUKON JOINT VENTURE

NORTHERN DYNASTY EXPLORATIONS LTD.

LUG CLAIM GROUP

GEOLOGY

NTS 105 6/2 STARR CREEK, YUKON
SCALE 1:5,000



MAY-SEP 1988

PLATE I

LEGEND

STRATIGRAPHY

- TERTIARY
- T10 : BASALT
- UNCONFORMITY
- CAMBRIAN

- Cs1 : UPPER SERICITE SCHIST
- CL : MIDDLE LIMESTONE
- Cs2 : LOWER CHLORITE-SERICITE SCHIST

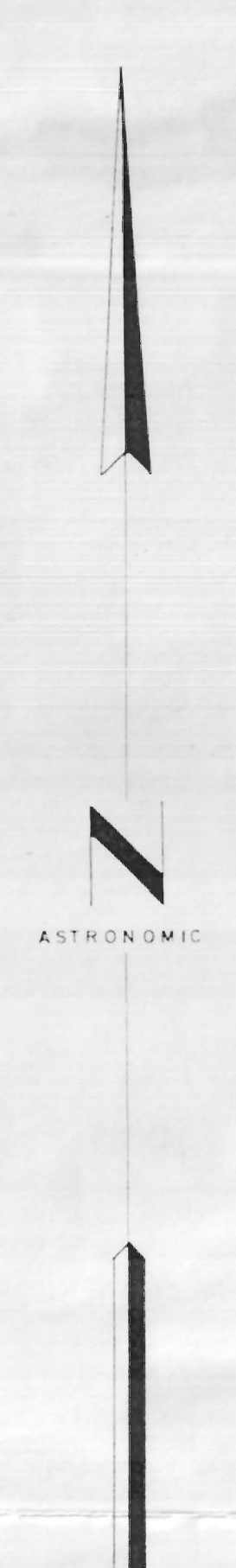
LITHOLOGIES

LITHOLOGICAL CODE (CAPITALIZED)
SUFFIXES (DESCRIPTIVE DATA)
EXAMPLE: LUS M31 A11

LITHOLOGICAL CODES	SUFFIXES	MINERALIZATION	ALTERATION
B BASALT	D BEDDED	DS ARSENOPYRITE	SI SILICIFICATION
L LIMESTONE (PREDOMINANTLY CALcareous)	C CHLORITE	SP GALENA	
S SCHIST OR PHYLLITE	I CALCAREOUS	PF PYRITE	
	M MASSIVE	SP SPHALERITE	
	S SERICITE	QV QUARTZ VEIN	
		YF YUST	

SYMBOLS

- BEDDING (INCLINED, VERTICAL)
- FOLIATION (INCLINED, VERTICAL, HORIZONTAL)
- LITHOLOGICAL CONTACT (OBSERVED, INFERRED)
- OUTCROP, + LOCALLY DERIVED BOULDER
- STEEP SLOPE (TOP ALONG CONTINUOUS LINE)
- SWAMP (OPEN)
- SWAMP (TREED)
- LAKE POND OR RIVER SHORE
- CREEK
- CLAIM POST AND CLAIM OUTLINE
- GRID LINE WITH 25 METRE SPACED STATIONS

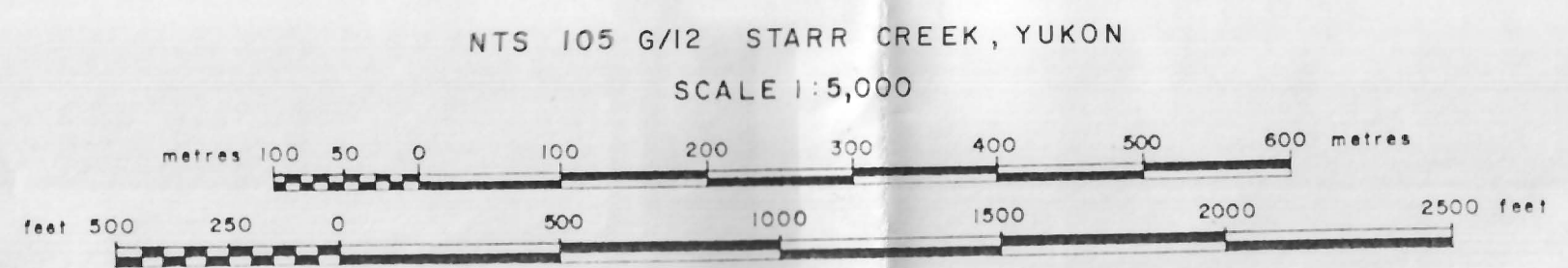


YUKON JOINT VENTURE

NORTHERN DYNASTY EXPLORATIONS LTD.

LUG CLAIM GROUP

MAGNETOMETER PROFILE & POSTING

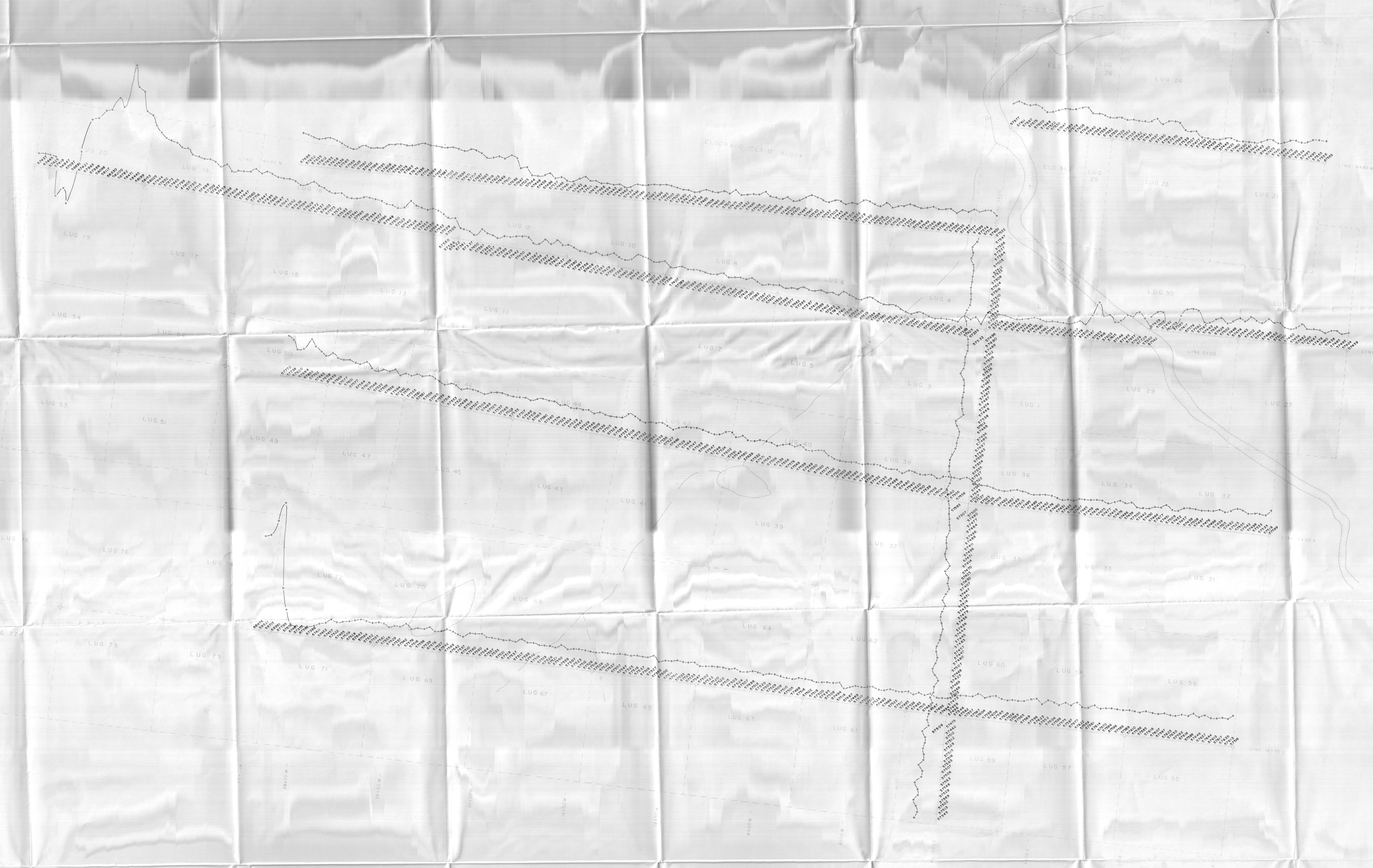
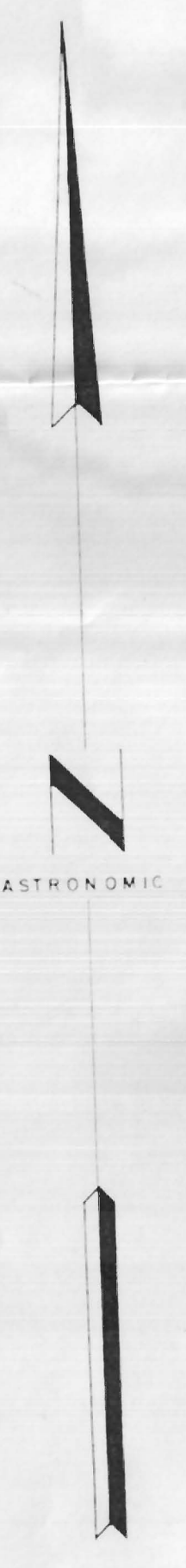
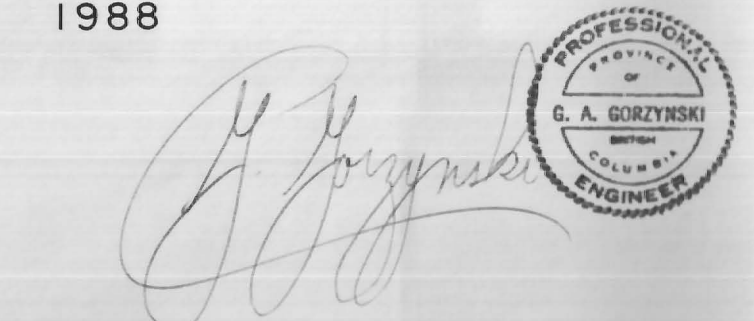


MAY-SEP 1988

PLATE 3

LEGEND

- CLAIM POST AND CLAIM OUTLINE
 - LAKE OR RIVER SHORE
 - CREEK
 - GRID LINE WITH 25 METRE STATION SPACING
 - MAG. PROFILE IN GAMMAS
 - MAG. POSTING IN GAMMAS
- INSTRUMENT USED: SCINTREX MP-2 DIGITAL FLUXGATE MAGNETOMETER
- PROFILE SCALE
- 57600
 - 57500
 - 57400
 - 57300
 - 57200
- READINGS TAKEN FACING NORTH

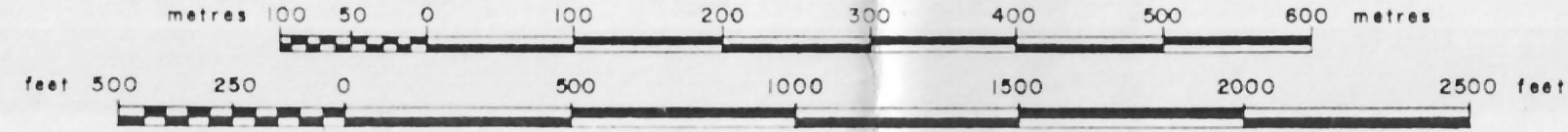


61° 40' 45"

61° 40' 45"

EM PROFILES & POSTINGS

NTS 105 612 STARR CREEK, YUKON
SCALE 1:5000



MAY-SEP 1988

PLATE 4

LEGEND

- CLAIM POST WITH CLAIM OUTLINE
- LAKE OR RIVER SHORE
- CREEK
- GRID LINE WITH 25 METRE STATION SPACING
- DIP ANGLE (IN PHASE) IN °
- QUADRATURE (OUT OF PHASE) IN °
- POSTED READINGS, QUADRATURE AND DIP ANGLE

INSTRUMENT USED - GEONICS RONKA EM-16
TRANSMITTER - SEATTLE WASHINGTON 24.6 KHZ
READINGS TAKEN PACING WEST

