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NORANDA EXPLORATION CO. LTD.

DIAMOND DRILLING REPORT

REPORT ON THE

MYSTERY 1 & 2, CHANCE 2 & 4

RECEIVED

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Gold Commissioner's Office
VANCOUVER, B.C.

MINERAL CLAIMS

(BARYTEX OPTION)

Liard Mining Division
N.T.S. 104 B/10E

GEOLOGICAL BRANCH ASSESSMENT REPORT

Latitude: 56° 40' N
Longitude: 130° 43' W

22,036

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

REPORT BY: ERIC GRILL
MIKE SAVELL

NOVEMBER, 1991

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1.0 SUMMARY

The Chance and Mystery claims were optioned by Noranda Exploration Company, Limited in 1990. The property hosts high grade gold mineralization in a favourable geological setting of andesitic volcanics intruded by mid-Jurassic porphyry intrusives. The 1990 program located quartz veins containing up to 71.6 grams/tonne Au that occur intermittently over a distance of some 900 m in and adjacent to Ernie Creek Canyon. This mineralization appears associated with a linear structure (Ernie Creek Trend) that can be traced for a distance of 4 kilometres on the Barytex Property.

In 1992 induced polarization surveys were undertaken over the West and Alpine grids across the projected "Ernie Creek Trend". Several zones of increased chargeability were detected, the most interesting of which correlates with the Ernie Creek trend on both grids. One response on each grid subsequently drill tested.

Hole #BT-91-1 was collared on the Alpine grid to test a coincident I.P. and Au soil geochem anomaly along the mineralized Ernie Creek trend. It intersected a sequence of andesitic tuffs cut by hornblende porphyry dykes and faults. Millimetre to centimetre scale vuggy quartz veinlets are quite common, but selected core intervals returned weakly anomalous Au values ranging between 15 and 41 ppb, except for the interval from 119.2 to 120.2 which returned a value of 1980 ppb Au. The I.P. response is attributed to fine disseminated pyrite and minor pyrite stringers.

Hole #BT-91-2 was collared on the West grid and intersected a sequence of laminated, calcareous grey siltstones with a few narrow intervals of dacitic to andesitic volcanics. Fine disseminated and fracture filling pyrite and pyrrhotite is present over the entire length of the hole. Trace amounts of chalcopyrite and sphalerite were also observed. No significant analytical results were obtained.

No significant mineralization was intersected. It is unlikely that a major ore body exists close to surface within in the area tested. The nature of the mineralization is narrow and discontinuous. No further work is recommended at this time and the property should be returned to the vendor.

2.0 INTRODUCTION

2.1 GENERAL REMARKS

The Mystery and Chance claims were optioned in January 1990 by Noranda Exploration Limited following the discovery of high grade gold mineralization in outcrop on the Mystery 2 claim, and the presence of copper-gold mineralized float on the Chance 2 and 4 claims. The claims are held under option from Barytex Resources Limited who have an underlying agreement with Mr. S. Todoruk, the original staker.

In 1990 Noranda carried out an exploration program of geologic mapping, prospecting, geochemical sampling, magnetometer and HLEM surveys. This work identified a structural zone trending at 115 degrees Azimuth across the property which hosted fault controlled alteration and several Au-rich pyritic quartz veins.

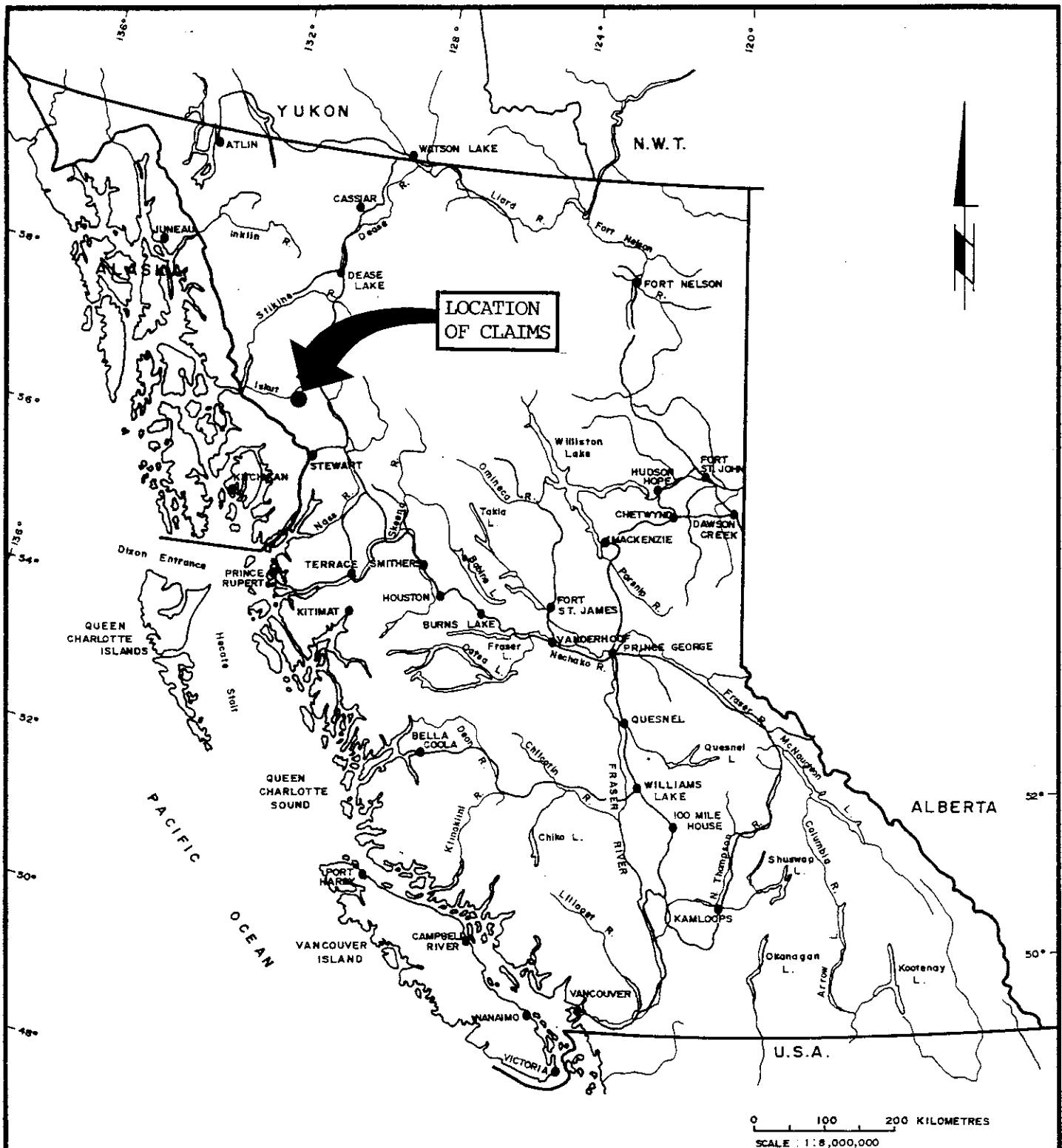
This report documents the results of the 1991 diamond drilling program which followed geological, prospecting, and induced polarization surveys. A total of 213.4 metres in 2 holes were completed. Diamond drilling was contracted to J.T. Thomas Diamond Drilling Ltd. of Smithers, B.C. Drill pad preparation was contracted to Tim Carlson Blasting Ltd. of Smithers, B.C.

2.2 LOCATION AND ACCESS

The Barytex Property is located approximately 100 km north of the town of Stewart and 50 km southwest of the Stewart-Cassiar Highway #37, on the south side of the Iskut River. The proposed Iskut Road will cross the northwest corner of the claim block.

The claims lie within the Liard Mining Division and are centred at 56° 40' North latitude and 130° 43' West longitude, on the NTS map sheet 104 B/10.

Access to the claims was provided by helicopter chartered from Vancouver Island Helicopters based at Noranda's exploration camp at More Creek, 40 km to the north. A six man tent camp established immediately east of the property near the Alpine Grid provided accommodation for work crews during the early phase of the program. Accommodation for work on the west grid and the diamond drilling program was provided by Noranda's More Creek camp.



REVISED	BARYTEX PROPERTY
	CLAIM LOCATION MAP
PROJ. No.	295
N.T.S.	104B10
DWG. No.	
FIG. 1	
SURVEY BY:	DATE: Nov. 1990
DRAWN BY: S.K.B.	SCALE: 1:8,000,000
NORANDA EXPLORATION	
OFFICE:	PRINCE GEORGE, B.C.

2.3 PHYSIOGRAPHY & VEGETATION

The property lies within the rugged Coast Mountains, which are characterized by steep slopes and U-shaped valleys typical of a glaciated terrain. About 90% of the property can be easily traversed, whereas the remainder is either too steep or covered by glacial ice. Elevation varies from 200 m ASL in the Iskut River valley to over 1700 m ASL along the eastern claim boundary.

Vegetation consists of mature timber with locally thick undergrowth at the lowest elevations, passing into subalpine forest at 1000 metres, and finally into alpine growth characterized by scrub grasses and heather above 1200 metres. At the highest elevations and in areas of recent glacial activity, vegetation is absent.

2.4 CLAIM DATA

The Barytex Mystery and Chance claims were staked in 1987 and optioned by Noranda in 1990. The relevant data is listed below.

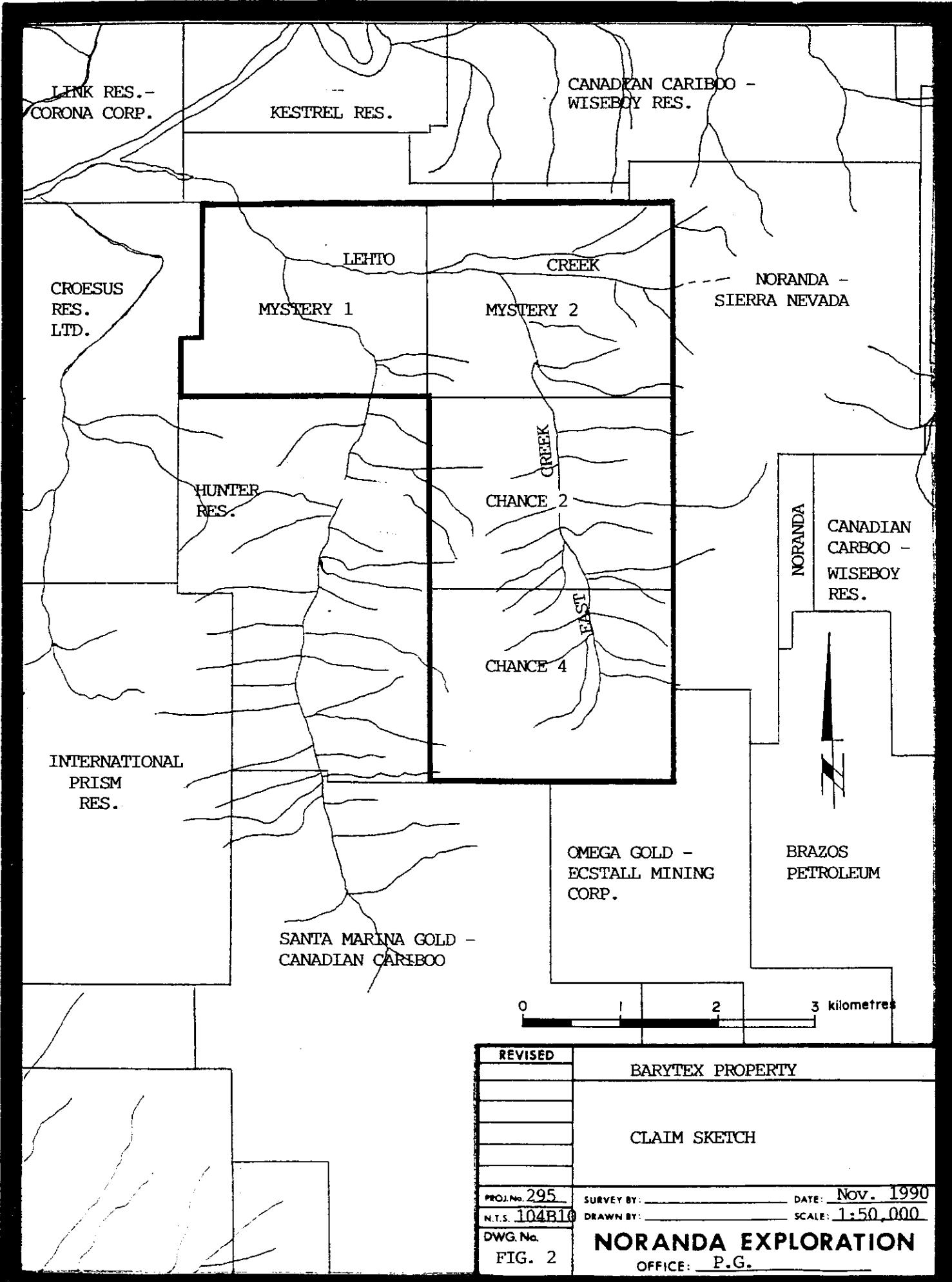
Name	Units	Record #	Record Date	Expiry Date
Chance 2	20	4256	Oct. 16, 1987	1994
Chance 4	20	4648	June 14, 1987	1994
Mystery 1	20	4649	June 14, 1987	1994
Mystery 2	20	4650	June 14, 1987	1994

2.5 PREVIOUS WORK

The area covered by the Barytex claims has seen little exploration activity until very recently. The first work recorded in the public domain was in 1987 by Pamicon Developments Limited, for Barytex Resources Limited., who carried out limited reconnaissance prospecting and sampling. This program identified favourable geological units and gold-bearing quartz/sulphide vein float.

During 1988, an expanded program including an airborne geophysical survey was carried out with encouraging results. In 1989, Noranda Exploration Company, Limited conducted a property examination confirming the Barytex data and indicated additional mineralization.

The results of Noranda's 1990 exploration program are



November, 1991

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reported in "Geological, Geochemical and Geophysical Report on the Barytex Property" by M. Savell and E. Grill which was submitted for assessment purposes.

3.0 REGIONAL GEOLOGY

The area lies near the western edge of the Intermontane Belt of the Canadian Cordillera, where it parallels the Coast Plutonic Complex. Recent work by both the Geological Survey of Canada and the Geological Services Branch of British Columbia provides a framework of the complex geology of this rugged area. The area includes four, unconformity bounded, tectonostratigraphic assemblages: 1) Paleozoic Stikine Assemblage; 2) Triassic-Jurassic volcano-plutonic complexes of Stikinia; 3) Middle and Upper Jurassic Bowser overlap assemblage; and 4) Tertiary Coast Plutonic Complex. (Anderson, 1989) This section of the Intermontane Belt forms the west limb of the "Stikine Arch," a roughly horseshoe shaped area of Upper Triassic to Jurassic stratigraphy that hosts most of the significant mineral deposits in northwest B.C. and the Toodoggone gold camp.

The Paleozoic Stikine Assemblage contains the oldest stratigraphy and is divisible into three distinct, volcanic-carbonate units: Early Devonian limestones and intermediate to felsic volcanics; Mississippian bioclastic limestones; and Permian fragmental volcanics and limestone. These rocks are metamorphosed and highly deformed.

The Triassic-Jurassic volcano-plutonic complex (Stewart Complex) consists of both the Triassic Stuhini Group and the Jurassic Hazelton Group. The Stuhini Group consists of limestone and mafic volcanics deposited in an island arc environment. The Stuhini hosts the Snip and Johnny Mountain structural gold deposits. Hazelton rocks consist of andesitic breccias/lavas, felsic tuffs/breccias, and maroon-green volcanic sediments (siltstone, greywacke, conglomerate, and black shale) deposited in an island arc environment. Black shales (Eskay Creek facies) overlying felsic volcanics (Mt. Dilworth Formation) host the Eskay Creek gold deposits. Map units 1 and 2 of the property geology map correlate with Jurassic Hazelton Group Volcanics.

Sub-volcanic intrusions accompany most of the volcanic centres of the Mesozoic island arcs and range from Alaskan type ultramafics to felsic dykes. Distinctive porphyritic dykes link Upper Triassic and Lower Jurassic volcanics with their plutonic equivalents. Many of the significant mineral deposits in the Stewart Complex are found to have a close association with volcanic centres. Map units 3 and 4 of the property geology map belong to this intrusive episode.

The Middle and Upper Jurassic Bowser Overlap Assemblage predominantly consists of turbidite black clastics deposited in the Bowser Basin which formed as a result of uplift to the west due to emplacement of the Coast Range Intrusives.

The Tertiary Coast Plutonic Complex consists of post-tectonic, felsic plutons. Eastward younging of strata and local zones of high strain attest to intrusion and uplift of the complex. This intrusive episode is represented by map unit 5 on the property geology map.

Locally, Tertiary to Recent subaerial volcanics cover low lying areas.

4.0 DIAMOND DRILLING

In early September a unitized, helicopter transportable, hydraulic, wireline JT 2000 drill rig using thinwall BGDGM rods was mobilized to the property. A total of 213.4 metres in two holes was drilled. Low cloud ceilings and thick fog resulted in unscheduled delays and cost overruns during the program. Collar locations are shown on figure 3 and cross sections with geology and analytical results of selected core intervals on figures 4 and 5. The core is currently stored on the property at site BT-91-2.

Hole #BT-91-1 was collared on the Alpine grid at 12588E, 9816N to test a coincident I.P. and Au soil geochem anomaly along the mineralized Ernie Creek trend. It intersected a sequence of andesitic tuffs cut by hornblende porphyry dykes and faults. Alteration is weak except in the main fault zone cut from 86.6 to 97.0 metres where pervasive Fe-carbonate alteration stains the rock orange brown. Millimetre to centimetre scale vuggy quartz veinlets are quite common, but selected core intervals returned only weakly anomalous Au values ranging between 15 and 41 ppb, except for the interval from 119.2 to 120.2 which contained minor chalcopyrite in a few 1 cm thick quartz veinlets and returned a value of 1980 ppb Au. The I.P. response is attributed to the I.

to 4% to fine disseminated pyrite and minor pyrite stringers found to a depth of about 82 metres.

Hole #BT-91-2 was collared on the West grid at 10590E, 10850N to test a strong chargeability anomaly coincident with the projected Ernie Creek Zone. It intersected a sequence of laminated, calcareous grey siltstones with a few narrow intervals of dacitic to andesitic volcanics. Fine disseminated and fracture filling pyrite and pyrrhotite is present over the entire length of the hole. The style of mineralization is similar to that in hornfelsed rocks adjacent to porphyry Cu orebodies. Trace amounts of chalcopyrite and sphalerite were also observed. A zone from 45.1 to 69.5 metres is pervasively fractured and bleached, with 5 to 10% pyrite and pyrrhotite. This zone is considered responsible for the chargeability anomaly. The only significant result from selected core intervals was 125 ppb Au from 10.7 to 15.9 metres in a pyritic dacite.

5.0 CONCLUSIONS

Chargeability anomalies along the Ernie Creek trend reflect disseminated, fracture filling, and fine stringers of pyrite and pyrrhotite. No significant mineralization was intersected. It is unlikely that a major ore body exists close to surface within in the area tested. The nature of the surface mineralization is narrow and discontinuous.

The volcanics intersected in hole #BT-91-1 are considered to belong to the Lower Jurassic Hazleton Group. They are massive with virtually no foliation. The hole on the west grid is at a considerably lower elevation (765 metres less) and the rocks are distinctly foliated, and in outcrop phyllitic. These are more likely Triassic or possibly Permian in age. Both the quartz-sulphide vein mineralization on the Alpine grid and the porphyry type pervasive sulphide mineralization on the West grid are believed to be related to hydrothermal activity that accompanied emplacement of the Lower-Mid Jurassic Lehto porphyry intrusion that transects the property south of the grid areas.

6.0 RECOMMENDATIONS

No further work is recommended at this time and the property should be returned to the vendor.

Year End - Geological, Geochemical,
Geophysical & Diamond Drilling Report
BARYTEX OPTION

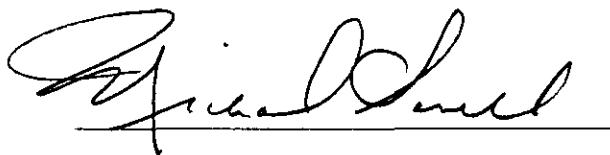
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APPENDIX I
STATEMENT OF QUALIFICATIONS

APPENDIX I
STATEMENT OF QUALIFICATIONS

I, Michael Savell, of the City of Prince George, Province of British Columbia, do certify that:

1. I am a geologist residing at 3507 Rosia Road, Prince George, British Columbia.
2. I am a graduate of Dalhousie University, Halifax, Nova Scotia with a Bachelor's of Science (Honours) degree in Geology.
3. I am a member in good standing of the Geological Association of Canada, the Prospector's and Developer's Association and the B.C.-Yukon Chamber of Mines.
4. I presently hold the position of Sr. Project Geologist with Noranda Exploration Company, Limited and have been in their employ since 1980.

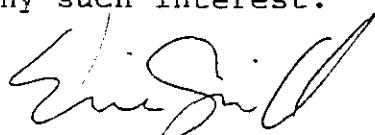


Michael Savell
Sr. Project Geologist
Noranda Exploration Co., Ltd.
(no personal liability)

STATEMENT OF QUALIFICATIONS

I, Eric C. Grill, of 1928 West 35th Avenue, Vancouver, in the Province of British Columbia, do hereby certify that:

1. I am a geologist in the employ of Noranda Exploration Company, Limited (no personal liability).
2. I graduated in 1986 from the University of British Columbia with a Bachelor of Science degree (honours) in Geology.
3. My primary employment since 1986 has been in the field of mineral exploration.
4. This report is based on work supervised and carried out by the author.
5. I have no interest in the property described herein, nor in the securities of any company associated with the property, nor do I expect to acquire any such interest.



Eric C. Grill,
Geologist

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APPENDIX II
ANALYTICAL PROCEDURES

ANALYTICAL PROCEDURE

Soils, Silts, Rocks

The samples are dried and screened to -80 mesh. Rock samples are pulverized to -120 mesh. A 0.2 gram sample is digested with 3 ml of $\text{HClO}_4/\text{HNO}_3$ (4 to 1 ratio) at 203°C for four hours, and diluted to 11 ml with water. A Leeman PS 3000 is used to determine elemental contents by I.C.P. Note that the major oxide elements and Ba, Be, Ce, Ga, La and Li are rarely dissolved completely from geological materials with this acid dissolution method.

For Au analyses, a 10.0 gram sample of -80 mesh material is digested with aqua regia and determination made by A.A.

Heavy Mineral Concentrates

The entire concentrate is digested in aqua regia solution, and elemental concentrations of Au, Ag, Cu, Pb, and Zn are determined by A.A.

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APPENDIX III

DRILL LOGS

PROPERTY : BARYTEX

HOLE No. : BT-91-1

Grid System :

Collar Eastings : 12588.000
 Collar Northings : 9816.000
 Collar Elevations : 1450.000
 Collar Bearing : 0.00
 Grid Baseline : 90.00

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DIAMOND DRILL LOG

PAGE : 1

Collar Inclination : -45.00
 Grid Bearing : 0.00
 Final Depth : 122.00
 Claim No. : MYSTERY 2

Logged by : E.G., M.S.
 Date : SEPT. 4 1991 - SEPT. 5 1991
 Downhole Survey : ACID
 Drilled By : J.T. THOMAS
 Core Size : 66

INTERVAL (m)	MAJOR/MINOR	DESCRIPTION	SAMPLE NUMBER	INTERVAL (m)		SAMPLE	Au ppb	GEOCHEMICAL SAMPLES
				FROM	TO			
0.00 122.00								
0.00 1.52		OVERBURDEN						
1.52 18.45		<ul style="list-style-type: none"> * ANDESITIC TUFF Pale grey-green, aphanitic, massive ash tuff. Local lapilli tuff. 1.52-3.35 Lapilli tuff. Creamy white to pink, highly siliceous angular fragments from 5 to 40 mm across, in green and'c matrix. Minor limonite on fractures. Scattered vuggy, fine (1-3mm) wide irreg qtz stringers with black to orange oxide stain. Local blurred or fuzzy appearance Scattered fine rusty pits due to leached dissem. py throughout. 1-4% fine dissem. and stringer py. 3.35-14.5 Ash tuff. Siliceous, with sandy to silty texture, local scattered coarser grains over 5 to 15cm intervals. Sand sized fragments pale to dark green, coarser "crystals" white with diffuse edges. Scattered fine qtz veinlets, locally vuggy with dark oxide stain. A few calcite veinlets. 14.5-14.9 Ash tuff. As above, but with slightly bleached, yellow-green tinted appearance. Fine, 0.5mm long black oxide stained hairline fractures and minor py. 14.9-18.45 Ash tuff. Scattered fractures with very weak yellow-green stained bleached haloes. * 	041601	1.52	3.35	1.83	18	
			041602		3.35	6.35	3.00	6
			041603		6.35	9.35	3.00	1
			041604		9.35	12.35	3.00	4
			041605		12.35	15.35	3.00	2
			041606		15.35	18.45	3.10	2
18.45 27.40		HORNBLENDE-FELDSPAR PORPHYRY DYKE	041607	18.45	21.45	3.00	2	
		White feldspar and very dark green hornblende phenocrysts from 1 to 3 mm in a	041608	21.45	24.45	3.00	13	
			041609	24.45	27.40	2.95	6.	

NORANDA EXPLORATION CO. LTD.
DIAMOND DRILL LOG

PROPERTY : BARYTEX
HOLE No. : BT-91-1

PAGE : 2

INTERVAL (m)	MAJOR/MINOR	DESCRIPTION	SAMPLE NUMBER	INTERVAL (m)		SAMPLE	Au	GEOCHEMICAL SAMPLES
				FROM	TO			
		pinkish grey aphanitic matrix. Local minor oxide stained hairline fractures. Phenocrysts tend to occur in clusters. 2% fine disse. py *						
27.48	46.38	ANDESITIC TUFF As from 1.52 to 18.45. 27.4-28.0 Ash tuff. Green, siliceous. Crosscut by 1 to 10mm vuggy oxide stain- ed qtz veinlets at high core angles (10% by volume). Minor py in veinlets and disse. py throughout. 28.0-30.5 As above but with fewer qtz veinlets. 30.5-32.5 Ash tuff with scattered sili- ceous lapilli fragments, scattered qtz veinlets and crosscutting oxide lined fractures. Abundant fine leached, ox- idized pits with white 1 mm haloes. 32.5-39.3 Lapilli tuff. Subangular to rounded pale pinkish white siliceous and dark aphanitic mafic fragments, 50 to 80% by volume in a sandy to silty green matrix. Local dark fragments in a white siliceous matrix. 3 cm qtz vein 880 to CA at 35.2m. Rusty, vuggy qtz veinlets at 35m. 3% disse. and stringer py. 39.3-46.3 Ash tuff. Siliceous, med. green, scattered pale (feldspar) and mafic crystals. A few carb. and chl. veinlets. Rusty fractures throughout. 1-3% fine disse. and stringer py. *	041610	27.48	30.50	3.10	8	
			041611	30.50	33.50	3.00	15	
			041612	33.50	36.50	3.00	36	
			041613	36.50	39.50	3.00	14	
			041614	39.50	42.50	3.00	23	
			041615	42.50	45.50	3.00	11	
			041616	45.50	48.50	3.00	11	
46.38	47.20	WELDED LAPILLI TUFF Fine, med. to dark green mafic fragments and ragged, irregular shards, compressed fabric. Upper contact at 35 to CA. *						
47.20	63.00	ANDESITIC TUFF As from 1.35 to 18.45.	041617	48.50	51.50	3.00	3	
			041618	51.50	54.50	3.00	5	

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NORANDA EXPLORATION CO. LTD.
DIAMOND DRILL LOG

PROPERTY : BARYTEX
HOLE No. : BT-91-1

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INTERVAL (m)	MAJOR/MINOR	DESCRIPTION	SAMPLE NUMBER	INTERVAL (m)		SAMPLE	GEOCHEMICAL SAMPLES	
				FROM	TO		WIDTH	Au ppb
		69.0-69.9 Band of dark green, mafic, very fine grained volcanic.						
		69.9-80.2 Lapilli tuff. Contains 5 to 10% by volume of pale subangular to sub- rounded fragments. Minor disse. py and narrow qtz veinlets.						
		80.2-82.3 Similar to above, but with 20 to 30% by volume of fragments (feldspar crystals) in a dark green chloritic ma- trix.						
		*						
82.00	82.30	FAULT BRECCIA						
		Angular fragments of wallrock in a green to brown clayey gouge.						
		*						
82.30	86.60	ANDESITIC TUFF						
		As from 69.9 to 80.2, but less than 5% fragments in first 1.5m. Limonite coated fractures, some pervasive pink to orange tinting due to Fe-carb alteration.						
		*						
86.60	97.00	FAULT ZONE	041626	86.60	89.60	3.00	1	
		Shattered, extremely broken up core, with narrow (5-15 cm) zones of clayey gouge	041627	89.60	92.60	3.00	30	
		throughout. 90% recovery. Host is per- vasively Fe-carb altered and orange-brown stained. Minor qtz veinlets with leached vugs, limonited coated fractures.	041628	92.60	95.60	3.00	9	
		*	041629	95.60	98.60	3.00	14	
97.00	122.00	ANDESITIC TUFF	041630	98.60	101.60	3.00	7	
		As from 1.52 to 18.45.	041631	119.20	120.20	1.00	1900	
		97.0-100.0 Pervasively Fe-carb altered and stained section, shattered as above, but no gouge zones. 5% vuggy qtz vein- lets.						
		100.0-115.9 Ash tuff. Med. grey-green, dull, very fine grained, speckled tex- ture, minor brittle fracturing. Limon- ite on fractures throughout. Minor disse. py, less than 1% qtz veinlets.						
		115.9-122.0 Similar to above, but with						

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DIAMOND DRILL LOG

PROPERTY : BARYTEX
HOLE No. : BT-91-1

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DIAMOND DRILL LOG

PROPERTY : BARYTEX
HOLE No. : BT-91-2

PAGE : 3

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DIAMOND DRILL LOG

PROPERTY : BARYTEX
HOLE No. : BT-91-2

PAGE : 2

INTERVAL (m)	MAJOR/MINOR	UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL (m)		SAMPLE	WIDTH	GEOCHEMICAL SAMPLES	
					FROM	TO			Au ppb	
			healed, angular breccia zones with sharp crosscutting contacts at 45 degrees to CA. 10% fine disseminated py.							
			45.1-69.5 Pervasively fractured and bleached section, with 5 to 10% disseminated and fracture coating py and po, minor trace sph.							
			33.8-33.9, 44.5-44.8, 52.4-52.1, 58.2-58.3, 58.5-58.6, 68.7-68.8, 78.4-78.5, 78.5-73.6							
			Near massive veins and stringer zones of py and po, minor cpy, trace sph.							
			*							
75.90	77.10		ANDESITE							
			Pale to medium dull grey-green, fine grained and massive andesitic volcanic with calcite filled amygdalites. Vaguely banded at approx. 30 cm intervals, possibly flow or pillow contacts.							
			*							
77.10	82.30		CHERTY SILTSTONE							
			Similar in appearance from 28.0 to 75.9, except finer grained, cherty or siliceous and weakly bleached. Brittle and core fractured throughout. 5% disseminated and fracture coating py, po, trace cpy.							
			*							
82.30	84.80		ANDESITE							
			As from 75.9 to 77.1, with a fine speckled texture. Banded texture absent. Minor py							
			*							
84.80	89.30		CHERTY SILTSTONE	041640	85.40	88.40	3.00	3		
			As from 77.1 to 82.3. 2 to 3% sulphides.							
			*							
89.30	91.50		ANDESITE							
			As from 82.3 to 84.8.							
			*							
			91.5 END OF HOLE							
			*							
			see end of log for BT-91-1 for list of abbreviations							
			*							

PROPERTY : BARYTEX

HOLE No. : BT-91-2

Grid System :

Collar Eastings : 18590.000

Collar Northings : 10850.000

Collar Elevations : 615.000

Collar Bearing : 0.00

Grid Baseline : 98.00

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DIAMOND DRILL LOG

PAGE : 1

Collar Inclination : -45.00

Grid Bearing : 0.00

Final Depth : 91.50

Claim No. : MYSTERY 2

Logged by : M.S.

Date : SEPT. 7, 1991 - SEPT. 8, 1991

Downhole Survey : ACID TEST

Drilled By : J.T. THOMAS

Core Size : 86

INTERVAL (m)	MAJOR/MINOR	DESCRIPTION	SAMPLE NUMBER	INTERVAL (m)		SAMPLE WIDTH	GEOCHEMICAL SAMPLES
				FROM	TO		
0.00	91.50						
0.00	10.70	OVERBURDEN					
10.70	15.90	DACITE Medium grey, fine grained, massive, speckled, dacitic volcanic or fine intermediate intrusive. Contains 5% fine disseminated and fracture coating py and po, minor cpy. Bottom contact is sharp but jagged.	041632 041633	10.70	13.70	3.00	125
15.90	22.30	CALCAREOUS SILTSTONE Pale to medium grey laminated, fine grained calcareous siltstone. Well defined laminations on mm to cm scale. Minor randomly oriented, mm scale qtz veinlets and py stringers. Fractures are lined with fine py and po with minor cpy, and have mm scale bleached (altered) haloes. Sulphide content ranges from 1 to 5% as disseminated and fracture coatings. Laminations range from 10 to 80 degrees to DR.					
22.30	28.00	DACITE As from 10.7 to 15.9. Sulphides as disseminations and fracture coatings range from 2 to 3%. Several scattered, steep, jagged, milky white calcite veins and blebs, cm scale.					
28.00	75.90	CALCAREOUS SILTSTONE As from 15.9 to 22.3, except that color varies from mainly dark to medium grey. Well laminated at 60 to 80 degrees to DR. Sulphides as disseminations and fracture coatings range from 1 to 5% except as noted below. 38.7-39.0, 44.2-44.5, 47.6-47.9 Silica	041634 041635 041636 041637 041638 041639	44.20	45.20	1.00	2
						3.00	5
						3.00	3
						3.00	13
						3.00	7
						3.00	7

Year End - Geological, Geochemical,
Geophysical & Diamond Drilling Report
BARYTEX OPTION

November, 1991

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APPENDIX IV

ANALYTICAL RESULTS - DRILLCORE

GEOCHEMICAL ANALYSIS CERTIFICATE *Banytex (45)*Noranda Exploration Co. Ltd. PROJECT 9109-062 295 FILE # 91-4454 Page 1
1050 Davie St., Vancouver BC V6E 1N4

SAMPLE#	Au* ppb
041601 DR	18
041602 DR	6
041603 DR	1
041604 DR	4
041605 DR	2
041606 DR	2
041607 DR	2
041608 DR	13
041609 DR	6
041610 DR	8
041611 DR	15
041612 DR	36
041613 DR	14
041614 DR	23
041615 DR	11
041616 DR	11
041617 DR	3
041618 DR	5
041619 DR	11
041620 DR	1
041621 DR	38
041622 DR	35
041623 DR	41
041624 DR	6
041625 DR	4
041626 DR	1
041627 DR	30
041628 DR	9
041629 DR	14
041630 DR	7
041631 DR	1980
041632 DR	125
041633 DR	9
041634 DR	2
RE 041631 DR	1790
041635 DR	5
041636 DR	3
STANDARD AU-R	490

- SAMPLE TYPE: P1-P2 CORE P3 ROCK
AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 13 1991

DATE REPORT MAILED: *Sept 19/91.*SIGNED BY... *C.L.* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS
*Copy: Mike
file: 295 Banytex*

RECEIVED
SEP 23 1991
MSB/BSU/TSU

447-06

SAMPLE#	Au* ppb
041637 DR	13
041638 DR	12
041639 DR	7
041640 DR	3
RE 041640 DR	7

Samples beginning 'RE' are duplicate samples.

November, 1991

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APPENDIX V

STATEMENT OF COSTS

CLAIMS : MYSTERY-1, MYSTERY-2, CHANCE-4
DATES : JULY 1 TO OCTOBER 15, 1991
TYPE OF REPORT : DIAMOND DRILLING

1)	WAGES	
	Rate per day : \$186.33	
	No. of days : 15	
	Dates : 07/01/91 to 10/15/91	
	TOTAL	\$ 2,794.95
2)	FOOD, ACCOMMODATION, AND SUPPLIES	
	Rate per day : \$38.29	
	No. of days : 41	
	Dates : 07/01/91 to 10/15/91	
	TOTAL	\$ 1,569.89
3)	TRANSPORTATION	
	Rate per day : \$529.92	
	No. of days : 41	
	Dates : 07/01/91 to 10/15/91	
	TOTAL	\$21,726.72
4)	ANALYSES	
	40 core samples analyzed for Au @ \$15.00 each	\$ 600.00
5)	CONTRACTORS	
	213.4 metres diamond drilling @ \$73.43 per metre	\$15,669.96
	Drill pad construction :	\$ 2,425.00
6)	COST OF PREPARATION OF REPORT	
	Author	\$ 250.00
	Drafting	\$ 75.00
	Typing	\$ 75.00
	TOTAL	\$ 400.00
	TOTAL COST	\$45,186.52



MYSTERY & CHANCE CLAIMS

SCALE 1:10,000

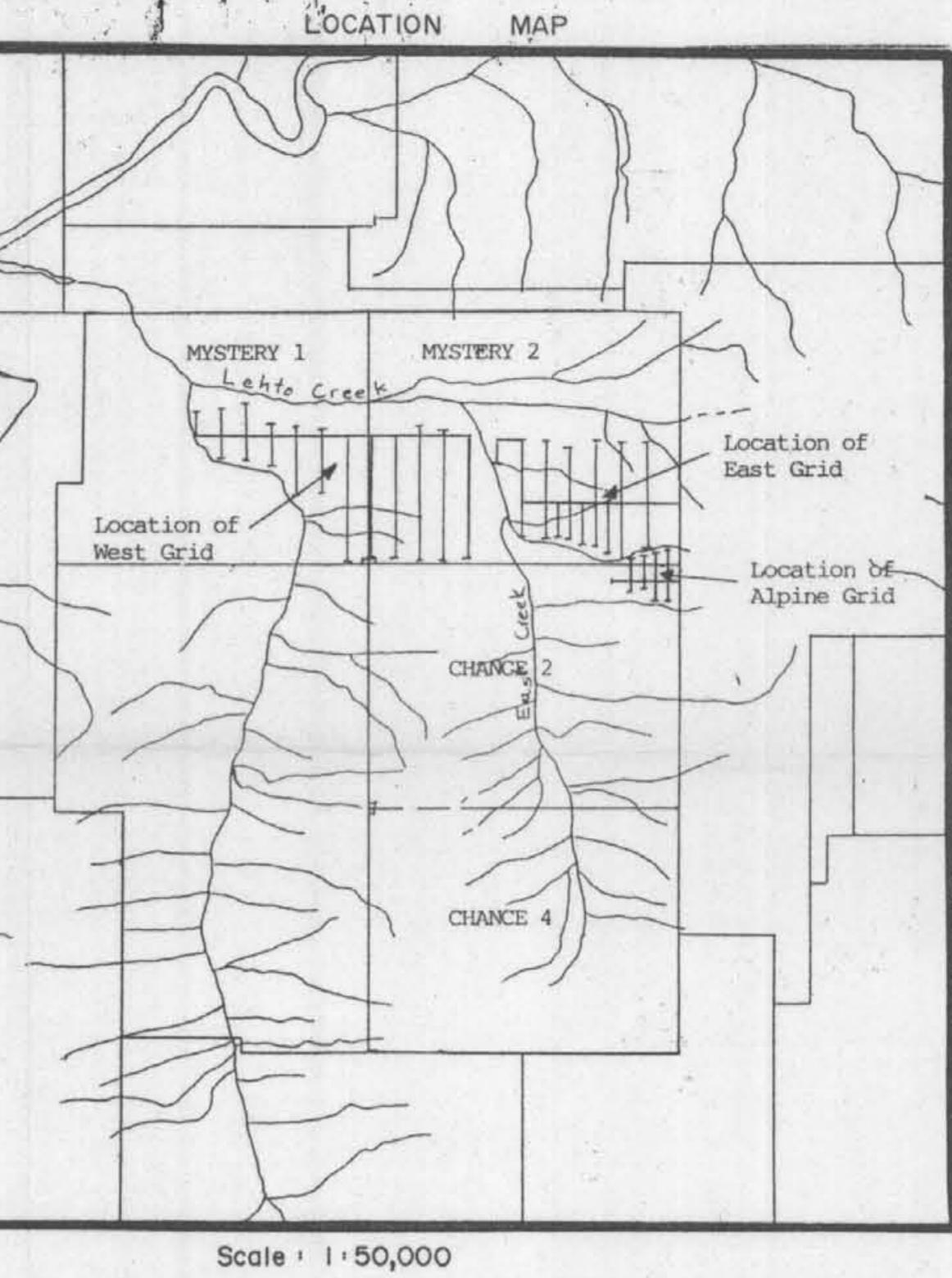
CONTOUR INTERVAL 10 m

BARYTEX - ROCK SAMPLE ANALYSES 1991

SAMPLE No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Au ppb
132028	41	2	72	0.4	100	5
132068	n.a.	n.a.	n.a.	n.a.	16	
132069	n.a.	n.a.	n.a.	n.a.	7	
132070	n.a.	n.a.	n.a.	n.a.	16	
132071	n.a.	n.a.	n.a.	n.a.	103	
134190	56	2	53	0.4	138	53
177913	11	2	27	0.4	2	5

LEGEND

- Geology
 1. Andesitic Volcanics - Jurassic
 2. Phyllitic Sediments, minor volcanics - Triassic or Permian
 3. Hornblende-feldspar Porphyritic Dykes
 4. Quartz-feldspar Porphyry - Jurassic Lehto Intrusive
 5. Coast Range Intrusives - Cretaceous



GEOLOGICAL BRANCH ASSESSMENT REPORT

22,036

LEGEND

- Float Sample Location
- ▲ Heavy Mineral Concentrate
- Silt Sample Location
- Soil Sample Location
- Rock Sample Location

Drillhole Collar

SCALE 1:10,000 500 1000 metres

REVISED NOV. 91	BARYTEX PROJECT	
SAMPLE LOCATIONS		
GEOLOGY AND DRILLHOLE LOCATIONS		
PROJ. No. 295	SURVEY BY: E.G.	DATE: AUG. 1990
N.T.S. 104B/10	DRAWN BY: P.J.L.	SCALE: 1:10,000
DWG. No.		
3	NORANDA EXPLORATION	
OFFICE: PRINCE GEORGE, B.C.		

