ASSESSMENT REPORT

MT. MILLIGAN PROPERTY

OMINECA MINING DIVISION

N.T.S. 93 N/1

LATITUDE 55 08'N, LONGITUDE 124 04'W

BY

REGAGLIATI GEOLOGICAL CONSULTING LTD.

OPERATOR: Lincoln Resources Inc.

OWNERS: Lincoln Resources Inc.
BP Resources Canada Inc.

C.M. Rebagliati, P.Eng.

February, 1988

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SUMMARY

The Mt. Milligan property is located approximately 95 km north of Fort St. James, British Columbia. Good quality logging roads provide excellent access to the eastern side of the 275 unit cliam group. Within the claims, drill roads provide local access. Topographic relief and climate are moderate and there are no identified environmental concerns which may hinder mine development.

The initial block of Phil claims was staked in 1983 by the Selco Division of BP Resources Canada Limited. In early 1984, prospector Richard Haslinger of Fort St. James staked the Heidi claims along the eastern boundary of the Phil group. Selco optioned the Haslinger claims in 1984 and staked additional claims to cover the entire prospective belt.

In 1984 and 1985, Selco conducted extensive soil geochemical, geological and geophysical surveys. Several IP and magnetic anomalies were located within an outstanding gold-copper geochemical anomaly. Some of the anomalies were trenched in 1985 and gold-bearing structures were discovered.

Lincoln Resources optioned the property and in 1987, undertook a drilling program. A total of 23 NQ diamond drill holes, comprising 2304.96 m, were drilled to test various geological, geochemical and geophysical targets.

At the Esker Zone, propylitic altered andesitic volcanic units host a northeasterly-trending series of auriferous sulphide-rich replacement bodies occupying parallel fault/shear structures. Additional drilling is required to substantiate the continuity of the mineralization between drill holes and to define the full strike and dip extent of the zone.

A geologically similar series of replacement zones are present at the Creek Zone. The full extent and the continuity of the mineralized structures in this zone have not been delineated.

A porphyry-related deposit is indicated in the Magnetite Breccia Zone, where potassic and phyllic altered volcanic and intrusive units host disseminated and stockwork gold-copper mineralization.

An diamond drilling program is warranted to delineate the mineralized zones and to investigate the remaining untested geophysical and geochemical anomalies.

INTRODUCTION

In 1987, Lincoln Resources Inc. undertook diamond drilling on the Mt. Milligan property to explore for gold and gold-copper deposits.

This report summaries the diamond drilling activities and exploration results. Recommendations are made.

LOCATION AND ACCESS

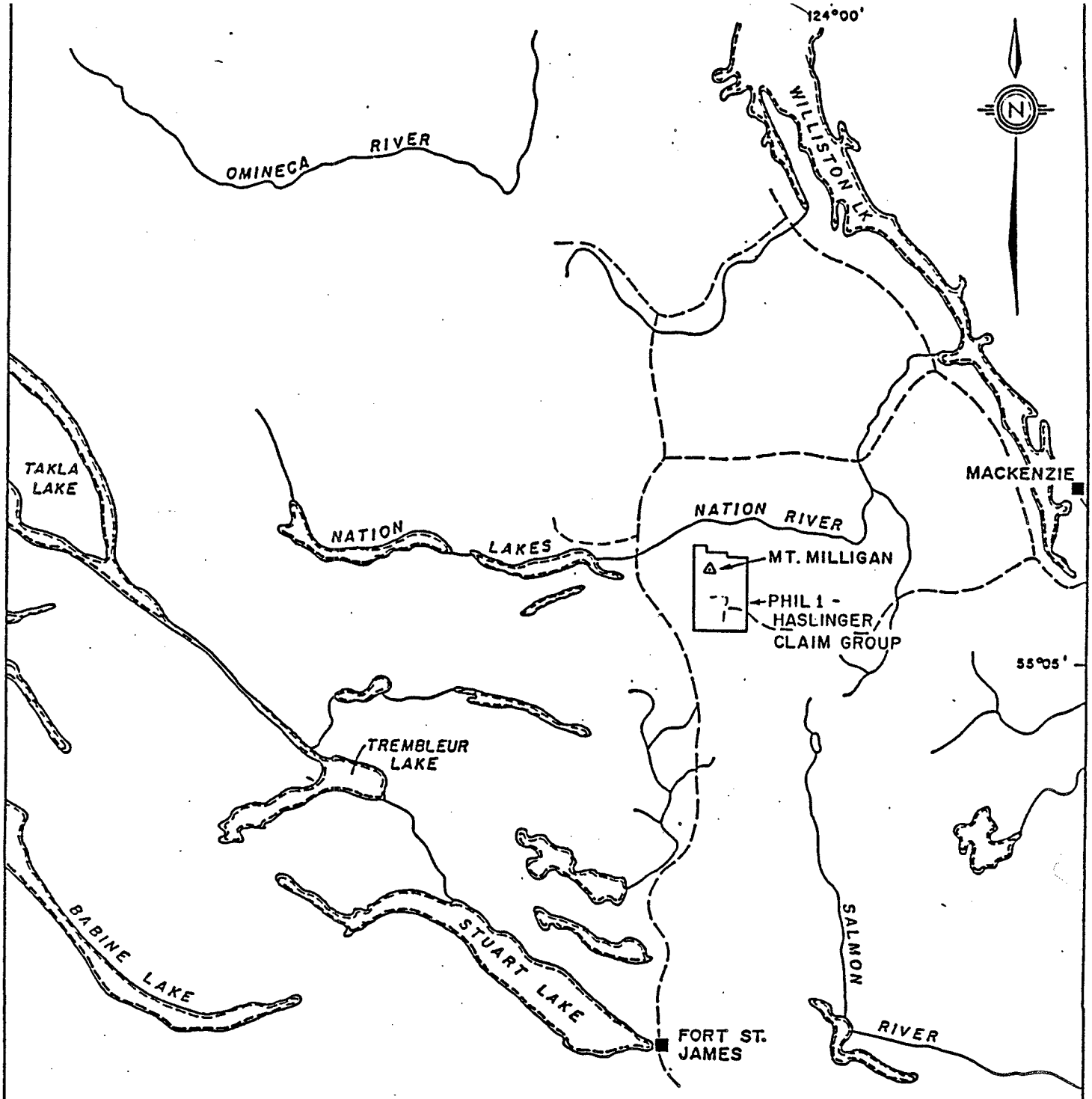
The Phil and Heidi claims are located at latitute 55 08'N and longitude 124 04'W in the Omineca Mining Division. They are approximately 95 km north of Fort St. James and 10 km southeast of the Nation River bridge on the Manson Creek Highway (NTS 93N/1, Figure 1).

Access to the property is by a gravel road which extends 10 km beyond the Rainbow Creek bridge at the end of the Philips North Main Line logging road. Access to the Philips Main Line is gained from Windy Point on Highway No. 97, approximately 150 km north of Prince George.

The Claims cover a series of northwest-trending ridges which extend from Mt. Milligan in the north to Rainvow Creek in the south. Local relief is in the order of 300 metres with an average elevation of 1,200 metres. Drainage from the property is dense growth of pine, fir, spruce, balsam, alder and aspen. The entire property is below treeline.

CLAIMS

The Mt. Milligan property is comprised of 18 claims totalling 275 units (Figure 2). The Phil claims are jointly owned by Lincoln Resources Inc. and BP Resources Canada Limited, whereas the Heidi Claims are held under option from Richard Haslinger for Fort St. James.

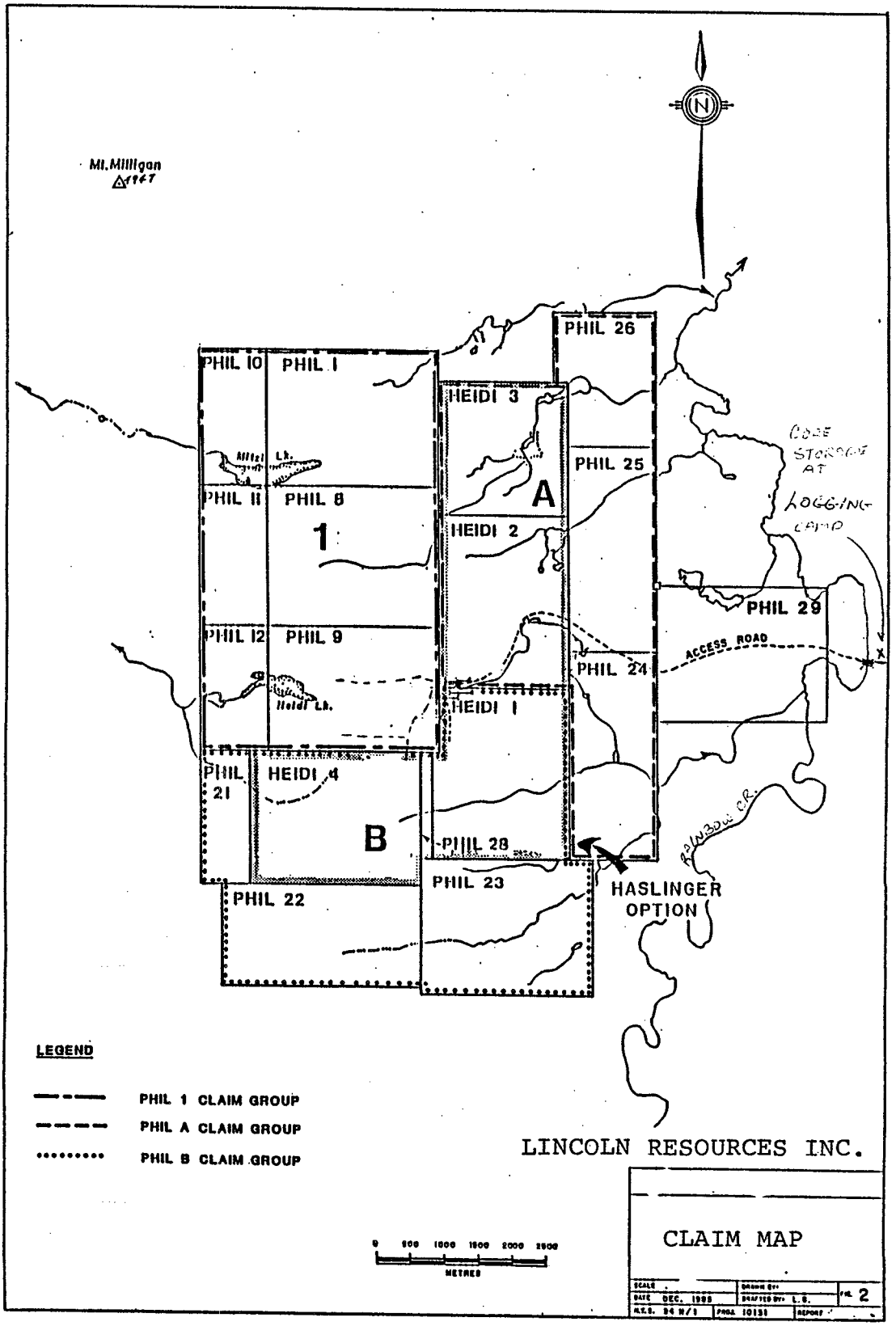


LINCOLN RESOURCES INC.

Mt. Milligan Project

LOCATION MAP

SCALE 1,000,000	DRAWN BY: R.E.M.	FIG. 1
DATE AUG '85	DRAFTED BY: E.B.W.	
N.T.S. 93N/1,0/4	PROJ. 10131	


Mt. Milligan
PHIL 10
PHIL 1
PHIL 11
PHIL 8
1
PHIL 12
PHIL 9
HEIDI 3
A
HEIDI 2
HEIDI 1
PHIL 26
PHIL 25
PHIL 24
PHIL 29
ACCESS ROAD
CORE STORAGE AT LOGGING CAMP
PHIL 21
HEIDI 4
B
PHIL 28
PHIL 23
PHIL 22
RAINBOW CR.
HASLINGER OPTION
LEGEND
PHIL 1 CLAIM GROUP
PHIL A CLAIM GROUP
PHIL B CLAIM GROUP
METRES
LINCOLN RESOURCES INC.
CLAIM MAP
DATE DEC. 1995
FIG. 2

Essential claim data are listed as follows:

LINCOLN B/P CLAIMS

Claim	No. of Units	Record Number	Recording Date	Expiry Date
Phil 1	20	5013	Feb. 28, 1983	Feb. 28, 1990
Phil 8	20	6030	Dec. 29, 1983	Dec. 29, 1990
Phil 10	8	6031	Dec. 29, 1983	Dec. 29, 1990
Phil 11	8	6032	Dec. 29, 1983	Dec. 29, 1990
Phil 12	8	6033	Dec. 29, 1983	Dec. 29, 1990
Phil 21	8	6634	Sept. 10, 1984	Sept. 10, 1988
Phil 22	18	6652	Sept. 10, 1984	Sept. 10, 1988
Phil 23	20	6653	Sept. 10, 1984	Sept. 10, 1988
Phil 24	18	6646	Sept. 10, 1984	Sept. 10, 1989
Phil 25	18	6647	Sept. 10, 1984	Sept. 10, 1989
Phil 26	12	6648	Sept. 10, 1984	Sept. 10, 1989
Phil 28 FR	1	6651	Sept. 10, 1984	Sept. 10, 1992
Phil 29	20	6853	March 5, 1985	March 5, 1989
	199 units			

HASLINGER OPTION

Claim	No. of Units	Record Number	Recording Date	Expiry Date
Heidi 1	20	6136	April 26, 1984	April 26, 1992
Heidi 2	20	6137	April 26, 1984	April 26, 1992
Heidi 3	16	6138	April 26, 1984	April 26, 1990
Heidi 4	20	6280	June 20, 1984	June 20, 1992
	76 units			
TOTAL UNITS	275			

DIAMOND DRILLING

In total, 23 NQ diamond drill holes comprising 2304.96 m were drilled by Lincoln Resources Inc. on the Mt. Milligan property (Figure 3).

In February/March, 1987, 11 NQ diamond drill holes, totalling 1259.12 m, were sunk to evaluate the Esker and Creek Zones (Figure 3). Mineralized intersections were cut in both zones. Drilling was resumed in September/October, 1987. During the second drilling

program, 12 holes, comprising 1045.84 m, were sunk to expand the Esker and Creek Zones and to test other geochemical and/or geophysical anomalies.

During the February/March 1987 diamond drilling program, holes 87-1, -2,-3,-4 and -10 were drilled to explore the Esker Zone where trenching of gold-copper-arsenic-antimony soil anomalies had exposed silicious sulphide mineralization carrying gold values. Holes 87-5, -6,-7,-8,-9 and -11 were drilled to evaluate the Creek Zone where prospecting and trenching had located gold values associated with sulphide-rich intervals in strongly propylitized rock hosting porphyry-type gold-copper vein mineralization.

The September/October 1987, 12 hole, 1045.84 m diamond drilling program evaluated several geological, geochemical and/or geophysical anomalies. Holes 87-12, -13, and -14 tested the Magnetite Breccia Zone, Holes 87-15,-16,-17, -18,19, and -20 tested the Creek Zone, Holes 87-21 and -22 were drilled into the Esker Zone and Hole 87-23 was sunk to evaluate a soil anomaly to the south of the Creek Zone. All drill core is stored at East Fraser's logging camp situated near the Rainbow Creek bridge on the Phillip Lakes Main Line logging road.

The core was sampled at one metre intervals in areas of interest, and analysed by Acme Laboratories.

GEOLOGY AND MINERALIZATION

ESKER ZONE

The Esker Zone comprises three or more related northeasterly-trending

pyrite-chalcopyrite-quartz-carbonate-sericite bodies hosted by propylitic altered andesitic flows and fragmental units and augite prophyritic units. This volcanic assemblage is typical of the Takla/ Nicola Groups in the Quesnel Trough.

The northeast-trending series of sulphide-rich auriferous bodies appear to occupy three or more closely-spaced, parallel, silicified shear zones. The shears may be related to the intrusion of the northeasterly-trending group of diorite-monzodiorite-monzonite dykes and/or elongate intrusions intersected in hole 87-12 and exposed at the Creek Zone. These shears lie within a large irregularly-developed propylitic alteration envelope which appears to have a potassic core centered over the porphyritic monzonitic dykes.

The propylitic alteration occurs in three forms which are variable in their intensity and distribution. The most common is a pervasive epidotization of feldspar laths and the fine-grained matrix of the flow and fragmental units. Approximately 1-5% disseminated pyrite accompanies this alteration. Numerous epidote and epidote-pyrite veinlets fill later cross-cutting fractures. In areas of intense alteration epidote-pyrite-calcite-chlorite clots up to 4 cm in diameter are formed which totally obliterated rock textures. All of the propylitic altered rock is geochemically enriched in gold and copper. Gold values are generally in the 25 to 600 ppb range.

The sulphide mineralization is comprised of granular pyrite and subordinate chalcopyrite in a matrix of quartz, carbonate and sericite. The mineralization resembles replacement type deposits

occupying shear-related dilation zones. Some post-depositional movement is indicated by the alignment of sericite along minor internal schistose shears.

Multi-element analyses of the auriferous sulphide-rich intervals suggest that two forms of mineralization may be present. Holes 87-1 and 87-3 each contain intervals enriched in arsenic and antimony and samples which are at, or modestly above background levels. Both of the auriferous intervals in Hole 87-10 are enriched in arsenic and antimony. All samples enriched in one of these elements is enriched in both and all carry high gold and silver values. There are no samples with high arsenic and antimony concentration that do not carry appreciable gold and silver. However, the converse is not the case. It is not clear, with the information at hand, if the arsenic and antimony-rich samples represent different mineral zones or imply an irregular distribution of elements along a single zone. Multi-element analysis of all auriferous intervals would assist in resolving this question.

Creek Zone

Geologically, the Creek Zone is similar to the Esker Zone where silicious pyrite-chalcopyrite replacement mineralization lies withinpropylitic altered andesitic units. Evidence of shearing is less apparent, but it is present. An intensly iron carbonate and potassic (K-feldspar, sericite) altered feldspar porphyry dyke, of possible monzonite composition, is intimately associated with pyrite-chalcopyrite quartz stockwork mineralization. In the dyke, gold and

copper values occur in the range of 300 ppb and 0.25% respectively. Volcanic units, rather than the monzonitic dyke, host the sulphide-rich mineralization. Arsenic and antimony concentrations are moderately enhanced, but do not attain the high levels encountered in some of the Esker Zone samples.

More drilling is required to determine the continuity of the mineralization between drill holes and to differentiate between the various mineralized structures.

MAGNETITE BRECCIA ZONE

A reconnaissance magnetometer survey conducted in 1985 by Selco/BP roughly outlined a magnetic anomaly in an area of gravel terrances devoid of outcrop. The gold and copper soil geochemical anomalies in this region of anticipated deep overburden were initially discounted as being glacially transported. Coincidental magnetic and IP anomalies, however, continued to maintain interest in the area.

A detailed magnetometer survey clearly defined the previously identified magnetic features. In September three holes, totalling 297.64 m, were drilled to test the conincidental magnetic, IP and gold-copper soil anomalies.

At the Magnetite Breccia Zone a swarm of monzodiorite dykes have intruded a sequence of typical Takla Group andesitic flows and fragmental units. Unique to this area of drilling are two thick beds of massive siltstone/ash tuff and a felsic, fragmental

latite-trachyte unit. In Hole 87-12, the monzonite dykes and the enclosing volcanic units have been subjectede to strong potassium feldspar alteration. Within the dykes, the fine-grained matrix is pervasively potassium feldspar altered; whereas the enclosing volcanic units are cut by quartz veinlets with pink potassium feldspar selvages. These veinlets carry appreciable disseminated pryrite and chalcopyrite. Thin films of chalcopyrite also coat dry fracture surfaces and disseminated grains and grain aggregates are common. Very fine disseminations also occur within ferromagnesian minerals. Disseminated pyrite is ubiquitous with concentrations ranging from 1 - 15%. Adjacent to one of the monzonitic dykes, in Hole 87-12, a polylithic andesitic fragmental unit hosts a breccia with a magnetite-chalcopyrite matrix. It is this 50 m wide breccia that this the cause of the magnetic anomaly. A similar, but much narrower, interval of magnetite veining was intersected in Hole 87-13.

In Hole 87-13, there is a long pyritic interval of biotite hornfelsed, felspar porphyritic andesite carrying appreciable chalcopyrite. Below this, the andesite becomes progressively more pale coloured, sericitic and silicifed. This phyllic-type alteration containues from 50 m to the bottom of the hole at 105 m. The sulphide content is moderate, generally in the 2 to 5% range, comprising equal proportions of disseminated chalcopyrite and pyrite.Fractures hosting thin pyritic quartz veinlets have silicified envelopes which, when the fracture density increases, coalesce to form intensely-silicified intervals. The bottom 3.83 m in Hole 84-14 intersected similar siliceous sericitic alteration.

The two styles of gold-copper mineralization, associated with the potassic and phyllic alteration assemblages, are characteristic of porphyry-type mineral deposits.

CONCLUSIONS

The diamond drilling program conducted on the Mt. Milligan property in 1987 has advanced the understanding of the geological environment. An aggressive diamond drilling program is justified to expand and better define the mineralization in the Esker, Creek and Magnetite Breccia Zones.

RECOMMENDATIONS

Diamond drilling is recommended to determine the extent and continuity of the gold mineralization at the Esker, Creek and Magnetite Breccia Zones.

STATEMENT OF COSTS

1987 Diamond Drilling Program

Rebagliati Geological Consulting Ltd. Contract Project Manager and Geological Services - C.M. Rebagliati	$ 17,250.00
Wanye Moore Assistant 37 days @ $150.00	5,550.00
Truck Rental 83 days @ $100.00/day including fuel, mileage, repair and insurance	8,300.00
Camp Cost	4,763.00
Room and Board and Communication 120 days @ $55.00/day	6,600.00
Travel to and from Project	1,364.00
Freight	884.00
Quest Canada Diamond Drilling, Holes 87-1 to 87-23, 2304.96 m @ $79.19/m	182,530.00
Drill Site Preporation D-6 Cat 138 hr @ $71.60/hr.	9,881.00
Assays	22,166.00
Report: Word Processing, drafting and reproduction	823.00
	$260,111.00

Work Distribution by Grouping

Phil 1 Group (Phil 9 claim) 87-1,-3,-4,-10,-17, -18,-19,-20,-21,-22,-23	$124,359.00
Phil A Group (Heidi 2 claim) 87-2,-9,-12,-13, -14,-15	68,617.00
Phil B Group (Heidi 1 claim) 87-5,-6,-7,-8,-11, -16,-18	67,135.00
	$260,111.00

Funds Expended in September/October 1987 to drill holes 87-12, to 87-23 inclusive totally 1045.84 m	$118,070.00

Work Distribution by Grouping

Phil 1 Group holes 87-17,-18,(65%),-19,-20,-21, -22,-23	$ 59,742.00
Phil A Group holes 87-12,-13,-14,-15	45,685.00
Phil B Group holes 87-16, and 35% of 87-18	12,643.00
	$118,070.00

CERTIFICATE OF QUALIFICATIONS

I, Clarence Mark Regagliati, of 3536 West 15th Avenue, Vancouver, B.C., hereby certifiy that:

1. I am a consulting Geological Engineer with office at 3536 West 15th Avenue, Vancouver, B.C.

2. I am a graduate of the Provincial Institute of Mining, Haileybury, Ontario (Mining Technology, 1966).

3. I am a graduate of the Michigan Technological University, Houghton, Michigan, U.S.A., (B.Sc., Geological Engineering, 1969).

4. I have practiced my profession continuously since graduation.

5. I am a member in good standing of the Association of Professional Engineers of British Columbia.

6. The foregoing report is based on:

   a) My personal supervisor of the September/October 1987 drilling program and a compliation of other exploration data.

7. I consent to the inclusion of this report in an assessment report.

C.M. Rebagliati, P.Eng.
February 15, 1988

STATEMENT OF QUALIFICATIONS

I, DWAYNE M. J. WINDSOR, of the City of Kamloops, Province of British Columbia, DO HEREBY CERTIFY THAT:

1) I am a consulting Geological Technologist with a business office at 1013 Dundas Street, Kamloops, British Columbia, V2B 1T1; and President of Ternex Geoservices.

2) I am a graduate Geotechnologist with a diploma from Sir Sanford Fleming College in 1978.

3) I have practised my profession for the past 11 years.

Pre-Graduate experience in Geology, Geochemistry and Geophysics in Quebec and Saskatchewan (1976 to 1977).

Nine years as a Geophysical and Geological Technologist with Novamin Resources (formerly Sulpetro Minerals Limited) in British Columbia, Yukon Territory, Northwest Territories, Ontario, Quebec and Nova Scotia.

One year as Consulting Geological Technologist with Ternex Geoservices.

Dwayne M. Windsor

Dated at Kamloops, B.C., this 10th day of December, 1986.

APPENDIX I

DIAMOND DRILL LOGS

TARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-1

SHEET 1 OF 7

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
Mt. Milligan	MACKENZIE	90° east	Feb. 5 1987	47.9m 57°
PROJECT 87-4	~~LOT & CONC.~~ Mining Division OMINECA	DIP -60°	DATE COMPLETED Feb. 7 1987	99.67m 57°
CLAIM NO. Esker Zone	CO-ORDINATES. 50m west at 270°	LENGTH 99.67m (327 feet)	DRILLED BY Quest Canada Drilling	
GRID NO. Section 100N - N-S	from SP 260	COLLAR ELEV.	LOGGED BY D.M. Windsor	

LOCATION SKETCH OF HOLE

OK

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
			To Test: anomalous lithogeochemical sample #156 at depth.								
0	3.7m		Casing								
3.7	8.7		ALT'D EPHOTIC AUGITE PORPHYRY	6301	3.7	5.0	1.3	5%		190	2.6
			mottled grey green massive	6302	5.0	7.0	2.0	7%		116	1.0
			non-magnetic - calcite as small stringers	6303	7.0	8.5	1.5	15%		46	0.9
			STRUCTURE: Massive - minor calcite veining @ 45-60° C.A.								
			Alteration: Carbonate and epidote.								
			Mineralization: " 3 to 20% py								
			Remarks: Alld Q.F.P Dyke from 7.4m to 7.7m. Contacts at 45° to CA.								
8.7	10.0		MASSIVE SULPHIDES	6304	8.5	9.5	1.0m	75%	3.9	3750	17.0
			massive fine to medium grained pyrite.								
10.0	12.7		SILICEOUS ALT'D PYRITIZED AUGITE PORPHYRY	6305	9.5	11.5	2.0m	35%	6.0	0180	74.9
			grey green - massive	6306	11.5	14.0	2.5	15%		350	1.7
			non-magnetic								
			STRUCTURE: Massive - calcite + py stringers @ 75° - 50° - 30° to CA.								
			Alteration: Silicification, epidote alld with some carb. - plagioclase are destroyed in the more siliceous sections.								
			Mineralization: Pyrite is common as massive, disd. and as stringers.								

TANNEX GEOSERVICES — DRILL LOG — HOLE NO. BZ-1 — SHEET 1/2 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION
12.7	13.25		DK GREEN MAFIC DYKE
			Similar to above but strongly magnetic and carbonated. - colour: grey black-green - medium grained
			STRUCTURE: Massive
			pyritic stringers at 70°-80° to C.A.
			Alteration: epidote as blotches forming part of the matrix ... - calcite - carbonate throughout (fizzes reacts strongly with HCL)
			Mineralization: pyrite as disse'd. and in stringers up to 5mm wide - 5%
			- Calcite in baked hematitic vein 1cm wide is very magnetic.
13.25	29.4.		SILICEOUS AUGITE PORPHYRY
			As above: 9.5-12.7m.
			Structure: massive - porphyritic.
			Alteration - epidote, silicification
			Mineralization: 10% py as diss and stringers.
			14.0 - 14.3 massive sulphides - Contact 45° to CA
			14.3 - 15.5 15% py diss - blotchy:
			14.9 - 2cm massive py stringer
			15.5 - 19.5 - 10% py.
			Remarks: magnetic mafic dyke 20cm from 16.9 - 17.1m
			18.1 - 20.2 bleached sil. A.P.
			20.2 - 20.6 very siliceous A.P. - epidote pyrite - stringers 60° to CA
			22.2 - 20cm mag. - calcite - mafic dyke.
			22.7 - 22.85 - mag - sil A.P. - Cal. vein 2cm wide @ 65°. ? tetrahedrite - hem.
			NOTE: Siliceous zones are calcareous and phenocrysts are almost completely altered and

SAMPLE NO.	FROM	TO	LENGTH	Est %PY	ASSAYS Au g/t	Au ppb	Ag ppm
6307	14.0	15.5	1.5	30%		100	1.9
6308	15.5	17.5	2.0	5%		48	0.6
6309	17.5	19.5	2.0	10%		52	0.3
6310	19.5	21.5	2.0	5%		56	0.4
6311	21.5	23.5	2.0	5-10%		138	2.0
6312	23.5	25.5	2.0	5%		44	0.4
6313	25.5	28.0	2.5	7%		150	1.5

TANNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-1 — SHEET 3 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est % PY	Au g/t	Au ppb	Ag ppm
									ASSAYS		
13.25	28.4		CONT'D. REMARKS: and Mineralization.								
			23.2 - 5cm mag. mod dyke - cal. 85° to CA.								
			24.5 - 24.6 - altd A.P ep - lam - cal. vein - 1cm wide 50° to CA.								
			26.0 - Blk - sil - mag - cal - 5cm wide -								
			27.0 - 27.4 - black grey siliceous pyritic calcareous zone - strongly magnetic PY - 10%.								
28.4	29.1		SILICEOUS PYRITIZED ZONE								
			grey - non-magnetic with up to 30% py.	6314	28.0	29.5	1.5	20%	1.6	1610	20.7
			STRUCTURE: massive:- calcite stringers @ 70° to CA								
			Mineralization: ≤ 30% py.								
29.1	34.0		Altd Siliceous AUGITE PORPHYRY								
			grey green non-mag A.P. Some epidote alteration in phens.								
			STRUCTURE: CA 65°								
			Alteration: bleached with some epidote								
			Mineralization: py 3-5% -	6315	29.5	31.5	2.0	5%		350	11.6
				6316	31.5	33.5	2.0	6%		66	0.6
			Remarks: pyrite content and calcite veining is sparse compared to previous sections of this unit.								
34.0	37.8		SILCIFIED ZONE								
			grey silicified pyritized calcareous completely altd Augite porphyry.	6317	33.5	35.0	1.5	15%		185	0.6
				6318	35.0	36.5	1.5	15%		860	9.1
				6319	36.5	38.0	1.5	35%	L45	1320	3.6
			STRUCTURE: remanents of porphyritic texture - calcite stringers 30 - 60° to CA								
			Alteration: silicification - no apparent epidote								
			Mineralization: diss. py throughout - 5-15% massive py at 36.9 to 37.05 m								

TA[illegible]A GEOSERVICES DR[illegible]L LOG HOLE NO. 87-1 [illegible]T 4 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est Py %	ASSAYS Au g/t	Au ppb	Ag ppm
37.8	49.0		SILICEOUS Alt'd AUGITE PORPHYRY.	6320	38.0	40.0	2.0	10%		49	0.4
			Same as above:	6321	40.0	42.0	2.0	5%		560	1.0
				6322	42.0	44.0	2.0	7%		62	0.6
			Structure: CA 60°	6323	44.0	46.0	2.0	5%		59	0.7
				6324	46.0	48.0	2.0	5%		62	0.7
			Alteration: silicification - epidote								
			carb: 40.6 - 41.6 ; 44.6 - 45.2 ;								
			46.2 - 46.6 - cal, hem, ep. veining with 10% py								
			65° to CA.								
			Mineralization: 5% overall with odd stringer knuckle								
			Remarks: 0.4m ground core between 48.0 + 49.0m								
49.0	80.0		AUGITE PORPHYRY - SILICEOUS	6325	48.0	50.0	2.0	10%		37	0.5
			grey green augite porphyry - siliceous - epidotic	6326	50.0	52.0	2.0	10-15%		42	0.5
			pyritic - non-magnetic	6327	52.0	54.0	2.0	15%		67	0.4
				6328	54.0	56.0	2.0	7%		32	0.4
			STRUCTURE: C.A. 65°	6329	56.0	58.0	2.0	20%		112	0.4
				6330	58.0	60.0	2.0	10%		85	0.4
			Alteration: silicified	6331	60.0	62.0	2.0	7%		165	0.2
			· epidote as blotches throughout	6332	62.0	64.0	2.0	6%		77	0.5
			section. (10-20cm long)	6333	64.0	66.00	2.0	8%		70	0.4
				6334	66.0	68.0	2.0	5%		90	0.7
			Mineralization: diss. py throughout - overall	6335	68.0	70.0	2.0	3%		30	0.4
			content 5%	6336	70.0	72.0	2.0	8%		58	0.4
			57.0 10cm massive py.	6337	72.0	74.0	2.0	12%		87	0.3
			57.8 - 57.9 massive py.	6338	74.0	76.0	2.0	10%		56	0.2
			64.3 64.5 30% py w. ep.	6339	76.0	78.0	2.0	5%		195	0.1
				6340	78.0	80.0	2.0	10%	2.35	2110	0.2
			Remarks: Augite phenocrysts are 1 - 5mm rounded								
			and euhedral - show good 45° clevage.								
			The matrix is fine grained bleached and								
			hard.								
			Pyrite is diss. and where strongest silicification								
			occurs is massive. It also occurs in stringers								
			from 60° to = core axis.								
			Calcite veining is more prominent than qtz								
			and overall. [illegible]								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-1 — SHEET 2 OF 4

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est PY %	ASSAYS Au g/t	Au ppb	Ag ppm
49.0	80.0		Cont. Remarks. Qtz occurs as vugs in 2 places and also with some pyrite stringers. Epidote is visible throughout and appears to have replaced some augite phenocrysts								
80.0	80.7		SILICEOUS ZONE grey green alt'd silicified augite porphyry. Similar to unit 49.0m - 80.0m but contains considerably more silica.	6341	80.0	81.0	1.0	10%		85	0.3
			STRUCTURE: C.A. 45°. Calcite stringers 30 - 45° to C.A.								
			Alteration: silicification.								
			Mineralization: pyrite as diss. 5 - 10%.								
80.7	83.1		SILICEOUS ALT'D AUGITE PORPHYRY same as above:	6342	81.0	83.0	2.0	6%		93	0.3
			STRUCTURE: Core angle 45°								
			Alteration: epidote, silicified.								
			Mineralization: 3-4% py commonly associated with epidote : 83.0 - 83.05 - massive py with calcite vein - 85° to C.A.								
83.1	84.8		LIGHT GREEN AUGITE PORPHYRY DYKE - (acicular) Augite phenocrysts are elongate up to 6mm in a pale green grey fine grained matrix	6343	83.0	85.0	2.0	6%		360	0.2
			STRUCTURE: Upper contact @ 80° - lower contact @ 85° with some brecciation or silicification. Fracture filling by Calcite.								
			Mineralization: 2 ½% py. some epidote.								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-1 — SHEET 6 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
84.8	88.8		SILICEOUS ALT'D AUGITE PORPHYRY pale green mottled epidotic with phenocrysts deformed and rounded.	6344	85.0	87.0	2.0	5%		175	0.5
				6345	87.0	89.0	2.0	7%		90	0.3
			STRUCTURE: Core angle ≈ 65°								
			Alteration: silicification, epidote replacement.								
			Mineralization: pyrite as diss. 5-10%								
			Remarks: Upper 30cm of section is dark grey porphyritic brecciated, calcitic, lightly alt'd A.P. - also contains py associated with epidote. The lower contact is similar material as upper contact and is ≈ 85° to C.A.								
88.8	90.0		HORNBLENDE FELDSPAR PORPHYRY DYKE (Monzodiorite) medium grey with slender elongate hornblende phenocrysts with rounded white feldspar phenocrysts	6346	89.0	91.0	2.0m	5%		114	0.2
			STRUCTURE: fracture filling by py and calcite from 35 - 65° to C.A.								
			Alteration - Epidote py with bleaching of dyke @ 89.7m for 5cm. - (10% py) Also silicification for last 20cm of section - includes massive section of py @ 90.0m for 5cm @ 90° to C.A.								
			Remarks: This dyke may be longer but silicification has destroyed contact and texture.								

TANNEX GEOSERVICES

DRILL LOG HOLE NO. 87-1

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION
90.0	99.67		SILICIFIED ALT'D AUGITE PORPHYRY medium to pale green grey para-magnetic - mottled - blotches of epidote STRUCTURE: Core angle 45° ± 65° - porphyritic texture Alteration: epidote, silicification Mineralization: Pyrite as discs. - 10% throughout 20% locally. Remarks: Similar to section from 88.8 to 88.9 except augite phenocrysts are less noticeable
99.67			END OF HOLE at 99.67m. (327') Casing removed. un-cemented. 2 acid tests

SAMPLE NO.	FROM	TO	LENGTH	% Py Est	Au g/t	ASSAYS Au ppb	Ag ppm
6347	91.0	93.0	2.0m	3%		90	0.5
6348	93.0	95.0	2.0m	7%		55	0.4
6349	95.0	97.0	2.0m	3%		55	0.5
6350	97.0	99.67	2.67m	6%		110	0.5

ARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-2

SHEET 1 OF 2

PROPERTY: Mt Milligan	TP OR AREA: MacKenzie	AZIMUTH: 90°	DATE STARTED: Feb 7, 1987	CORRECTED DIP TESTS: 47.9m 59°; 95.1m 60°
PROJECT: 87-4	~~LOT 5 CONC.~~ MINING DIVISION: OMINECA	DIP: -60°	DATE COMPLETED: Feb 9, 1987	
CLAIM NO.: 'Esker Zone'	CO-ORDINATES: 64.5m East of	LENGTH: 95.10m (312')	DRILLED BY: Quest Canada Drilling LTD	
GRID NO.: Section 101+25N	SP 237 @ 100°	COLLAR ELEV.	LOGGED BY: D.M. Windsor	

LOCATION SKETCH OF HOLE: OF

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est. % by PY	ASSAYS Au g/t	Au ppb	Ag ppm
			To Test: Surface Sample #281 and strike length of inferred gold bearing zone								
0	3.7		Casing								
3.7	4.7		PYRITIZED Brecciated Silicified Zone grey, fractured, non magnetic	6351	3.7	5.0	1.3m	50%		695	1.1
			STRUCTURE: Brecciated - qtz-calcite filled fractures at 30° to C.A.								
			Alteration: Silicification.								
			Mineralization: Massive and diss py. 3.7m to 4.3m - massive pyrite.								
4.7	13.4		LIGHT GREY HIGHLY SILICIFIED A.P (breccia) non-magnetic fractured; Ab phenocrysts are altered to a light green and Feldspar phenocrysts are light rose and poikilitic.	6352	5.0	7.0	2.0	3%		205	0.4
				6353	7.0	9.0	2.0	3%		215	0.5
				6354	9.0	11.0	2.0	1%		57	0.4
				6355	11.0	13.0	2.0	2%		26	0.2
			STRUCTURES: fractured and healed by pyrite calcite and qtz. C.A @ 55° - 60°.								
			Alteration: silicification resulting in deformed phenocrysts and almost complete loss of porphyritic texture								
			Mineralization: Py as diss and stringers. Overall content 5%.								
			Remarks: 3cm of gouge material @ 6.25m Last 40cm of section is highly silicified and brecciated.								

TEX GEOSERVICES — DRILL LOG — HOLE NO. 87-2 — SHEET — OF —

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est % PY	Au g/t	ASSAYS Au ppb	Ag ppm
13.4	19.3		GREEN AUGITE PORPHYRY	6356	13.0	15.0	2.0	2%		150	0.3
			slightly silicified but relatively unaltered.	6357	15.0	17.0	2.0	4%		725	0.5
			phenocrysts show excellent cleavage. non magnetic	6358	17.0	19.0	2.0	4%		185	1.0
			STRUCTURE: porphyritic with pyritic poikolitic texture; fracture filling by quartz, calcite and pyrite.								
			ALTERATION: minor epidote.								
			Mineralization: Pyrite as eliss and stringers as follows: 15m - 15.10m - massive 45° to CA								
			16.5 - 2cm @ 55° to CA massive								
			19.25 - 19.32m massive with qtz veining -								
			Overall pyrite content is 4%								
			Remarks: Phenocrysts are well formed and from 1mm to 1cm.								
19.3	25.9		DARK GREEN A.P. (coarse grained matic volcanic)								
			Dark green grey medium grained A.P. phenocrysts 1-2 mm, non-magnetic; equigranular	6359	19.0	21.0	2.0	4%		86	0.6
				6360	21.0	23.0	2.0	1%		215	0.4
				6361	23.0	25.0	2.0	2%		25	0.1
			STRUCTURE: fracture filling by calcite CA - 65°.								
			- some calcite fractures @ 30°,								
			- phenocrysts are 1-2mm								
			Mineralization: disseminated py - 3% locally 5%								
			massive section - 10cm long @ 21.2m								
25.9	27.8		SILICIFIED FELDSPAR PORPHYRY DYKE								
			grey green non-magnetic								
			STRUCTURE: weak to moderate porphyritic texture								
			Upper Contact 75°								
			Lower Contact 65°								
			Mineralization @ Co°								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-2 — SHEET 5 OF 6

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION
25.9	27.8		cont'd Mineralization: pyrite as diss'd. and stringers - in places has a bedded appearance and is ± 60° to C.A. Remarks: This dyke may be a brecciated siliceous portion of the above and lower unit. but doubtful.
27.8	42.3		DARK GREEN BIOTITE Porphyry (C.G. mod vol) As above: STRUCTURE: C.A - 50° Alteration - minor epidote Mineralization - pyrite as diss and massive stringers up to 1cm wide generally @ 30° to C.A. Remarks: some hems with calcite stringers. Core is generally fractured at 35° to C.A.
42.3	46.0		SILICIFIED BRECCIATED A.P. * grey green - fractured : non magnetic. STRUCTURE: Brecciated - most severely brecciated at 42.3 - 43.5 45.7 - 46.2. Breccia fragments are 3-5 cm long and healed by qtz. Fracture filling by py and calcite @ 30-60° Mineralization: diss py - overall 3-4% Section from 46.0 - 46.6m: massive py is stringers @ 55° - 20% 60% euhedral - fine-medium grained.

SAMPLE NO.	FROM	TO	LENGTH	Fst % py	ASSAYS Au g/t	Au ppb	Ag ppm
6362	25.0	27.0	2.0	2%		61	0.6
6363	27.0	29	2.0	3%		40	0.1
6364	29	31	2.0	3%		49	0.1
6365	31	33	2.0	5%		315	0.1
6366	33	35	2.0	2%		100	0.1
6367	35	37	2.0	2%		102	0.1
6368	37	39	2.0	2%		68	0.1
6369	39	41	2.0	1%		58	0.1
6370	41	43	2.0	2%		79	0.1
6371	43	45	2.0	2-3% *		93	0.3
6372	45	47	2.0	1%		95	0.3
6373	47	49	2.0	1%		150	0.3

KARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-2 — SHEET 2 OF 6

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est % Py	Au ASSAYS Au g/t	Au ppb	Ag ppm
49.0	52.6		DARK GREEN AUGITE - FELDSPAR PORPHYRY soft, calcareous, non-magnetic (coarse g. mat vol.)	6374	49.0	51.0	2.0m	5%		295	0.3
				6375	51.0	53.0	2.0m	2%		205	0.1
			STRUCTURE: C.A. 45-60° (porphyritic) pyritized stringers @ 45°								
			Alteration - Silicified zone from 50.0 - 50.3 minor bleaching on both sides of pyrite stringers								
			Mineralization: Pyrite stringers of: 49.5 - 1.5mm - 50° 51.0 - 1cm - 45° 51.2 - 1cm 60° 51.5 - 1cm ±5° 51.7 - 0.5cm - 45° 52.3 - 1cm 60° 52.4 - 1cm 60° Silicified pyritized zone 50.0 - 50.3 - 20% Py.								
52.6	60.4		SILICIFIED A.P? (brecciated). Light grey porphyritic with numerous qtz - calcite healed fractures	6376	53.0	55.0	2.0			225	0.3
				6377	55.0	57.0	2.0			345	0.8
				6378	57.0	59.0	2.0		1.43	245	0.8
			STRUCTURE: fractured, broken core, (Upper contact 45° to CA) fracturing is healed from para 16(to 60° to core axis, forming brecciated zones.	6379	59.0	61.0	2.0		~~0.37~~ 1.47	1470	0.7
			Alteration: Silicification								
			Mineralization: Pyrite as disseminations and stringers (episodal) 53.8 - 1cm 20% Py. 57.0 - 5cm 5% - swirled. 58.1 - massive 1cm 45° 59.2 - @ 45° - 1cm cross cutting brecc. Overall content ~3%								
			Remarks: Phenocrysts are readily discernible - light grey Lost core 0.5m 58.5 to 59.0 broken 0.7m 59.3 to 60.0 broken								

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION
60.4	62.5		DARK GREEN AUGITE PORPHYRY. medium to fine grained - Similar to Section 48-52.6 white feldspar phenocrysts in small portions of section. STRUCTURE: CA. @ 45°. Alteration: Siliceous from 61.7 to 62.4m. Mineralization: Anhedral diss. pyrite - 3% odd stringed 0.5cm @ 45° to CA. Remarks: Core broken and moderately fractured Calcite replacement.
62.5	73.0		Green AUGITE PORPHYRY non-magnetic - Broken 69-69.5 - hard, calcite in fractures. STRUCTURE - Core angle 45-50° Mineralization: fine grained anhedral py - 1-2% Remarks: phenocrysts are dark green to black. minor brecciation with odd. feldspar phenocrysts
73.0	73.5		FINE GRAINED GREY MAFIC DYKE Hard, non-magnetic STRUCTURE: Contacts @ 30° to CA.
73.5	75.1m		Grey Green Augite Porphyry (Feldspar?) fragmental - non-magnetic - partially broken some parts of section include feldspar phenocrysts. Alteration: minor epidote. and silicification. STRUCTURE: C.A. 45-60° - fragmental, fragments up to 2cm resembling porkolitic

SAMPLE NO.	FROM	TO	LENGTH	Est % Py	Au g/t	Au ppb	Ag ppm
6380	61.0	63.0	2.0			915	0.1
6381	63.0	65.0	2.0			70	0.1
6382	65.0	67.0	2.0			69	0.1
6383	67.0	69.0	2.0			97	0.1
6384	69.0	71.0	2.0			175	0.5
6385	71.0	73.0	2.0			235	0.3
6386	73.0	75.0	2.0			155	0.3
6387	75.0	77.0	2.0			210	0.1
6388	77.0	79.0	2.0			85	0.2
6389	79.0	81.0	2.0			150	0.1
6390	81.0	83.0	2.0			100	0.2
6391	83.0	85.0	2.0			155	0.1
6392	85.0	87.0	2.0			89	0.1
6393	87.0	89.0	2.0			155	0.1
6394	89.0	91.0	2.0			88	0.1
6395	91.0	93.0	2.0			49	0.2

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
72.5	95.10		cont. Mineralization: minor hem-(red) in [illegible] py - anhedral - 1-2% diss massive 87.5 - 87.6m - Remarks: Fragments of same material up to 2cm found along length of section. Feldspar phenocrysts exist but not in the same amount as augite. Lost core - 2.1m - 92.7 to 95.10					
95.10	E.O.H.		END OF HOLE. Hole stopped at 95.10m when last run was lost. Approximatley 50% of the hole is broken core however core recovery was on the ORDER of 95%. This hole did not exhibit the degree of silicification or pyritization as did hole 87-1. The matrix of the porphyries is somewhat darker containing more mafic material (unaltered?) Unlike hole 87-1, this hole contains more brecciated material possibly due to its closer proximity to the inferred pluton. Casing pulled uncemented. 2 acid tests					

ARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-3

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS			
Mt. MILLIGAN	Mackenzie	90° east	Feb 10 1987	47.9m	59°		
PROJECT 87-4	~~LOT & CONC.~~ Mining Division Omineca	**DIP** -60°	**DATE COMPLETED** Feb 12 1987	79.65	59°	Inferred	
CLAIM NO. ESKER ZONE	**CO-ORDINATES.** 10m South 180°	**LENGTH** 153.47m	**DRILLED BY** Quest Canada Drilling LTD.				
GRID NO. SECTION 99400N	from SP 57	**COLLAR ELEV.**	**LOGGED BY** D.M. Windsor				

LOCATION SKETCH OF HOLE

O.K.

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO	LENGTH	Est % py	Au g/t	ASSAYS Au ppb	Ag ppm
			To Test: Silicified pyritized zone at depth (sample # 309 12500 ppb Au). and southern strike of inferred Au bearing horizon.								
0	1.8m		Casing								
1.8	2.6		Lost core								
2.6	8.2		Silicified Alt'd. Au P.								
			grey fine grained - non - magnetic - hard								
			calcite in fractures.	6396	2.6	4.5	1.9	4.0		94	1.7
				6397	4.5	6.5	2.0	5.%		116	3.3
			STRUCTURE: Massive (porphyritic)	6398	6.5	8.2	1.7	7%		195	5.5
			C.A 60° - phenocrysts are deformed								
			Alteration: Silicification								
			Mineralization: 3-4 % py throughout. diss - anhedral.								
			5.8 - 5.9 - py-cal. stringers - @ 55° to CA euhedral py - 10%								
			7.0 - 7.1 - cal- py stringer 45° to CA 10% py.								
8.2	9.5		MASSIVE SULPHIDES (PYRITE)								
			60% pyrite in a silicified calcitic (A.P.?)	6399	8.2	9.5	1.3	40%	6.39	6390	72.8
			STRUCTURE: CA. is ≈ 45°								

TANNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-3 — SHEET 2 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au	Au ppb	Ag ppm
9.5	13.1		SILICIFIED ALBITE PORPHYRY.						977		
			grey - as - above - non magnetic	6400	9.5	11.5	2.0	10%		155	3.0
				6401	11.5	13.5	2.0	1%		165	3.2
			STRUCTURE: Massive f.g.	6402	13.5	15.5	2.0	3%		96	1.2
				6403	15.5	17.5	2.0	5%		255	2.9
			ALTERATION: Silicification, some epidote alteration	6404	17.5	19.5	2.0	4%		76	0.7
			fracture fillings by calcite and pyrite								
			- 1-2mm augite phenocrysts in less silicified sections.								
			Mineralization: massive py-po @ 11.25 - 11.65								
			60% albite with pink-white calcite								
			- overall py content 6%.								
13.1	33.4		GREY GREEN AUGITE FELDSPAR(?) PORPHYRY.								
			dark green fine to medium grained	6405	19.5	21.5	2.0	2%		75	0.7
			matrix with dark augite ± pyroxene and pale	6406	21.5	23.5	2.0	1%		39	0.4
			green ± off white feldspar(?) phenocrysts.	6407	23.5	25.5	2.0	4%		25	0.5
				6408	25.5	27.5	2.0	4%		50	0.8
			STRUCTURE: porphyritic - f.g. 25 - 50°	6409	27.5	29.5	2.0	4%		165	1.3
			- some poikilitic phenocrysts.	6410	29.5	31.5	2.0	3%		185	3.3
			- fine grained fragments up to 5cm in	6411	31.5	33.5	2.0	3%		205	2.0
			some sections.								
			Alteration: Silicification incipient to moderate and								
			sericite (as blotches and as alteration of								
			phenocrysts.)								
			- some lighter coloured phenocrysts react								
			to HCl.								
			Silicified zone from: 27.7 - 28.0								
			- 60% - C.A.								
			Mineralization: Pyrite as anhedral diss - 1-2mm.								
			- 4-5%.								
			- stringers 1-2 cm wide - sparse - 45 - 60°								

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (metres)	Est % PY	Au g/t	Au ppb	Ag ppm
33.4	34.5		Acicular F.H.Q. - PORPHYRY. (DY). very fine grained matrix with 50% acicular cream coloured feldspar phenocrysts)								
			STRUCTURE: porphyritic - phenocrysts have a foliation of 42°. upper contact at 40°. lower contact gradational. qtz phenocrysts are rounded and fuzzy.								
			Mineralization: ½ - 1% euhedral py. some epidote as crystals plus pyroxene.	6412	33.5	35.5	2.0	½		31	0.5
34.5	36.7		Alt'd F.H.Q.P. same as above except phenocrysts have been deformed. Appears to have larger percentage of qtz.								
			STRUCTURE: Contacts are gradational. hair line fracturing filled by calcite @ 65° ∡ C.A.	6413	35.5	37.5	2.0	½		39	0.6
			Mineralization: Siliceous Zone from: 35.1 - 36.0 - py in stringers. 10% - 45° ½ to 1% diss euhedral py. - some epidote as phenocrysts near bottom of section.								
36.7	37.2		Acicular F.H.Q.P. (DY) as above								
			STRUCTURE: upper contact gradational. lower contact vague @ 45°.								

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au g/t	ASSAYS Au ppb	ASSAYS Ag ppm
37.4	44.5		GREY SILICEOUS AUGITE PORPHYRY								
			grey, non-magnetic, phenocrysts are dark green								
			to black augite - 1-5mm.-								
			STRUCTURE: C.A - 45° and 60°								
			fracture filling by calcite as stringers.								
				6414	37.5	39.5	2.0	1%		61	0.2
			Alteration: Silicification througout	6415	39.5	41.5	2.0	2%		30	0.5
			- epidote alteration as blotchy and as replacement	6416	41.5	43.5	2.0	4%		60	0.8
			of phenocrysts. These are light coloured	6417	43.5	45.5	2.0	1-2%		44	0.5
			amorphic and contain calcite, and react								
			well with HCl acid.								
			Mineralization: 1-2% pyrite as diss and as								
			stringers. @ 50° to CA.								
			Remarks: Some brecciation or fragmentation								
			but sparse.								
44.5	45.3		ACICULAR F.H.Q.P (DYKE)								
			as above.								
			STRUCTURE: C.A 50° - foliated.-								
			Some cal.- stringers.								
			minor silicification.								
45.3	63.3		Alt'd GREY GREEN SILICEOUS A.P								
			augite phenocrysts up to 1cm throughout								
			the replacement by epidote and calcite.	6418	45.5	47.5	2.0	2%		34	0.5
				6419	47.5	49.5	2.0	2%		17	0.4
			STRUCTURE: C.A. (from fractures) is 45-55°	6420	49.5	51.5	2.0	2%		42	0.8
				6421	51.5	53.5	2.0	2%		24	0.7
			ALTERATION: Complete section has been moderately	6422	53.5	55.5	2.0	2%		34	0.3
			silicified; epidote is present in	6423	55.5	57.5	2.0	2%		47	0.4
			varying degrees throughout	6424	57.5	59.5	2.0	2%		34	0.3
			as blotches and as a replacement mineral	6425	59.5	61.5	2.0	2%		150	1.1
			for augite. Phenocrysts which have been altered	6426	61.5	63.5	2.0	3%		93	0.3
			generally react with HCl acid.								
			Red hematite staining is								

TRANSEX GEOSERVICES — DRILL LOG — HOLE NO. 87-3 — SHEET 5 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au %	Au ppb	Ag ppm
15.3	63.3		Cont'd.								
			Mineralization: Pyrite as diss and odd stringer. 2%								
			hematite - brick red. in fractures								
			Remarks: matrix is a dark - light grey f.-m.g. mafic material.								
			Epidote becomes pervasive to lower end of section.								
63.3	89.0		BRIEF BANDED GREY GREEN A.P (Fragments / - epidotic)	6427	63.5	65.5	2.0	2%		73	0.8
			mafic phenocrysts are dark grey + black and are	6428	65.5	67.5	2.0	2%		87	0.4
			larger than in above section.	6429	67.5	69.5	2.0	2%		134	1.1
			epidote is common and is usually associated with	6430	69.5	71.5	2.0	1%		150	1.0
			calcite and pyrite.	6431	71.5	73.5	2.0	1%		71	0.7
				6432	73.5	75.5	2.0	1%		55	0.2
			Structure: monotonous porphyritic texture +	6433	75.5	77.5	2.0	1%		90	0.8
			- numerous epidote - calcite filled fractures	6434	77.5	79.5	2.0	1%		84	0.9
			Ø ± 65-70° to C.A.	6435	79.5	81.5	2.0	2%		78	0.9
			C.A is ± 55°.	6436	81.5	83.5	2.0	3%		85	1.0
				6437	83.5	85.5	2.0	4%		116	1.4
			Alteration: alteration is mostly confined to epidotization	6438	85.5	87.5	2.0	3%		61	0.9
			with minor silicification - The unit is	6439	87.5	89.5	2.0	3%		97	0.6
			hard and non-magnetic.								
			brick-red hematite is common in								
			1-2mm fractures which are slightly magnetic								
			Mineralization: Pyrite is diss'd throughout core								
			and makes up ± 1% - It is also								
			found in stringers along with epidote.								
			63.3 - 1cm py stringer @ 45° C.A.								
			76.3 - 76.6 - 0.5cm stringer = ± C.A.								
			78.65 - 1cm @ 60° ± °C.A								
			79.45 - 1cm @ 80° ± C.A								
			82.0 - 0.5cm @ 70° ± C.A.								
			82.7 - 1cm @ 60° ± C.A.								
			82.9 - 1cm @ 70° ± C.A.								
			83.4 - 1cm - 83.5 1cm - cross fracture	@ 30°							

T[illegible]EX GEOSERVICES — DRILL LOG — HOLE NO. 87-3 — SHEET 6 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	ASSAYS Au ppb	ASSAYS Ag ppm
[illegible]	89.0		Con't. Mineralization:								
			86.7 – 1cm @ 35° blmihd.								
			Remarks: Late fracturing after mineralization.								
			Epidote alteration causes bleaching in								
			parts of core.								
89.0	97.7		SILICIFIED ZONE								
			grey highly silicified with remnants of augite								
			and feldspar phenocrysts. - non-magnetic								
			very hard.	6440	89.5	90.5	1.0	4%		116	0.9
			Broken and well fractured.	6441	90.5	91.5	1.0	4%		295	2.4
				6442	91.5	92.5	1.0	1%		275	3.0
			STRUCTURE: Massive and highly silicified.	6443	92.5	93.5	1.0	2%		120	0.7
			numerous calcite filled hairline fractures	6444	93.5	94.5	1.0	2%		48	0.3
			@ 35° and 65° to C.A. - some cross	6445	94.5	95.5	1.0	2%		29	0.4
			fracturing. - Upper Contact vague @ 60° ± C.A.	6446	95.5	96.5	1.2	5%		77	0.9
				6447	96.5	97.7	1.2	5%		132	0.8
			Alteration: Intense silicification								
			dark green chlorite on some fractures								
			talcose.								
			MINERALIZATION: Fine diss'd py throughout								
			- ± 2% (or <1%)								
			- locally; stringers of pyrite								
			at ± 30° to C.A.								
			NOTE: Pyrite is fine grained with a								
			sugary texture.								
			REMARKS: Pyrite mineralization is not as pervasive								
			as in silicified zone in Hole 87-1.								
			It is however finer grained.								

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (metres)	Est. % py	Au g/t	Au ppb	Ag ppm
97.7	99.65		DARK GREEN AUGITE PORPHYRY (Fragmental)								
			non-magnetic; medium hard.	6448	97.7	99.6	1.9m	½%		80	0.3
			STRUCTURE: Upper contact @ 45°.								
			Alteration: epidote as as blotchy and replacement of phenocrysts. (calcareous)								
			Mineralization: pyrite as diss'd and stringers.								
99.65	E.O.H.		END OF HOLE								
			Casing left in - 1.8m. uncemented.								
			Hole completely sampled.								

ARNEX GEOSERVICES — **DRILL LOG** — **HOLE NO.** 87-3 deepening — SHEET ___ OF ___

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS	LOCATION SKETCH OF HOLE
Mt Milligan		90°	March 3, 1987	151.5 59°	0.1£.
PROJECT: 87-4	LOT & CONC.	DIP: 60°	DATE COMPLETED: March 4 1987		
CLAIM NO.: Esker Zone	CO-ORDINATES.	LENGTH: 99.67 - 153.47m.	DRILLED BY: Quest Canada Drilling LTD		
GRID NO.		COLLAR ELEV.	LOGGED BY: D. M. Windsor		

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO	LENGTH	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
99.7	106.7		FRAGMENTAL AUGITE PORPHYRY								
			dark green, hard, non-magnetic.								
			STRUCTURE Fragmental - subangular to angular A.P. + F.P. fragments up to 5cm. C.A. - 45-50°.								
			Augite phenocrysts are well formed and up to 5mm								
			Alteration: minor silicification; weak epidote alteration; calcite in stringers -								
			Mineralization: pyrite found mainly as stringers as follows								
			99.8 - 100 - c.g. mass py -	2742	99.7	101.0	1.3	2			
			101.5 - 1cm mass @ 50°	2743	101.0	103.0	2.0	4			
			102.9 - mass 2cm @ 60°	2744	163.0	105.0	2.0	7			
			Remainder of mineralization is diss pyrite 1-2%	2745	105.0	106.7	1.7	2			
106.7	108.0		SILICIFIED PYRITIZED ZONE								
			Light grey, non-magnetic, very hard.								
			STRUCTURE: brecciated fractured qtz flooding calcite C.A @ 50°								
			*	2746	106.7	1080	1.3	40	47.7 1.375	42700	7.3
			Alteration: Intense silicification; minor chlorite in calcite stringers								

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
106.7	108.0		Mineralization: 40% diss pyrite and in massive stringers.
108.0	112.3		FRAGMENTAL AUGITE PORPHYRY as above: dark green STRUCTURE: C.A. 50° fragmented. - Alteration: epidote as blebbes and replacement. MINERALIZATION: odd py stringer - 5-10% diss pyrite throughout
123	124.6		SILICEOUS FELDSPAR PORPHYRY: ± AUGITE light grey, non-magnetic, very hard. STRUCTURE: well defined porphyritic texture - phenocrysts are creamy white euhedral and as 'ghosts'; resumbed in more siliceous sections. C.A. - 50°. ALTERATION: weak to strong silicification - siliceous sections contain off white feldspar phenocrysts which are deformed. - epidote alteration as blebbes and causes a bleached appearance in surrounding rock Mineralization: 1-2% diss pyrite throughout - 1-3% py associated w epidote blebbes

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
2747	108.0	110.0	2.0	2			
2748	110.0	112.0	2.0	2			
2749	112.0	114.0	2.0	5			
2750	114.0	116.0	2.0	2			
2751	116.0	118.0	2.0	2			
2752	118.0	120.0	2.0	2			
2753	120.0	122.0	2.0	2			
2754	122.0	124.0	2.0	3			

THRNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-3 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
124.6	127.2		HORNBLENDE FELDSPAR PORPHYRY DYKE + FRAGMENTAL RUGITE PORPHYRY								
			grey green, hard, non-magnetic								
				2755	124.0	126.0	2.0	1			
			STRUCTURE: Acicular 1-3mm Hornblende	2756	126.0	128.0	2.0	1			
			phenocrysts and ≤ 1mm acicular feldspar phenocrysts in a grey green grey matrix.								
			Contacts @ 65°								
			- Section of dark green A.P. from 125.2 - 126.3 m.								
			Mineralization: 1-2% f.g. diss pyrite.								
127.2	130.6		SILICEOUS FELDSPAR PORPHYRY								
			as above: Fewer rugite phenocrysts								
			STRUCTURE C.A. - 50°								
			Alteration: moderate silicification	2757	128.0	130.0	2.0	1			
			- epidote as blotches - not as prevalent as previous sections								
			calcite in fine fractures.								
			Mineralization: odd small pyrite stringer - diss 1-2%.								
130.6	142.2		FRAGMENTAL RUGITE PORPHYRY								
			as above:								
			STRUCTURE: Unit is almost completely made up of subangular to angular fragments.								
			C.A. ± 50°								
			Rugite phenocrysts are abundant euhedral ± 7mm.								
			ALTERATION: epidote alteration as blotches ≤ 2cm minor - also as stringers								
			[illegible]								

NEX GEOSERVICES · DRILL LOG · HOLE NO. 87-3

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
130.6	142.2		Con't								
			Mineralization: ≤ 2% dissd. py. throughout	2758	130.0	132.0	2.0	1			
			- also as stringers, but as	2759	132.0	134.0	2.0	2			
			with epidote, rare	2760	134.0	136.0	2.0	2			
			- minor hematite in odd fracture	2761	136.0	138.0	2.0	5			
				2762	138.0	140.0	2.0	2			
				2763	140.0	142.0	2.0	2			
142.2	144.3		HORNBLENDE FELDSPAR PORPHYRY DYKE								
			grey, very hard, non-magnetic								
			STRUCTURE: acicular hornblende phenocrysts								
			with small ≤ 1mm feldspar phenos								
			in light grey fine grained matrix								
			Contacts @ 30°	2764	142.0	144.0	2.0	1			
			Alteration - minor silicification								
			minor epidote								
			Mineralization: 1% f.g. diss py.								
144.3	153.47		FRAGMENTAL AUGITE PORPHYRY								
			as above: magnetite w̄ stringers of pyrite								
			STRUCTURE - Fragmental								
			C.A. @ 45°	2765	144.0	146.0	2.0	2			
				2766	146.0	148.0	2.0	*3			
			Alteration - epidote as stringers and	2767	148.0	150.0	2.0	1			
			replacement minor - local	2768	150.0	152.0	2.0	2			
			calcite with minor hematite	2769	152.0	153.47	1.47	3			
			Mineralization: diss pyrite 1-2% throughout								
			- Pyrite and magnetite in								
			stringers as follows.								
			146.1 - 1cm @ 30°								
			147.75 - 1cm @ 90°								
			150.3 - 1cm @ 15°								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-3 — SHEET 5 OF —

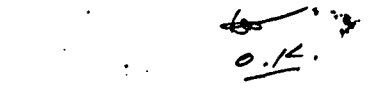
FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
153.47			END OF HOLE.
			Casing removed and cemented.
			Remarks: This extension of hole 3 is almost completely made up of Fragmental Augite Porphyry. Only one interesting silicified zone occurs from 106.7 - 108.0 m. MAGNETITE occurs near bottom of hole and is similar to the rock unit containing magnetite in hole 87-10.

SAMPLE NO.	FROM	TO	LENGTH	ASSAYS

RNEX GEOSERVICES — ILL LOG — HOLE NO. 87-3 deepening — SHEET ___ OF ___

PROPERTY: Mt Milligan	TP OR AREA:	AZIMUTH: 90°	DATE STARTED: MARCH 3, 1987	CORRECTED DIP TESTS: 151.5 — 57°
PROJECT: 87-4	LOT & CONC.	DIP: 60°	DATE COMPLETED: MARCH 4 1987	
CLAIM NO.: ESKER ZONE	CO-ORDINATES.	LENGTH: 99.67 - 153.47m	DRILLED BY: Quest Canada DRILLING LTD	
GRID NO.		COLLAR ELEV.	LOGGED BY: D.H. WINDSOR	

LOCATION SKETCH OF HOLE



FOOTAGE FROM	FOOTAGE TO	SECTION ft's	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Cu ppb	Ag ppm
99.7	166.7		FRAGMENTAL AUGITE PORPHYRY dark green, hard, non-magnetic STRUCTURE: Fragmental - subangular to angular F.P. + F.P. fragments up to 5cm. C.A. - 45-50° Augite phenocrysts are well formed and up to 5mm Alteration: minor silicification weak epidote alteration calcite in stringers - Mineralization: pyrite found mainly as stringers as follows 99.8 - 100 - c.g. mass py - 101.5 - 1cm mas @ 50° 102.9 - mass 2cm @ 60° Remainder of mineralization is diss. pyrite 1-2%								
				2742	99.7	101.0	1.3	2			
				2743	101.0	103.0	2.0	4			
				2744	163.0	105.0	2.0	7			
				2745	105.0	106.7	1.7	2			
166.7	108.0		SILICIFIED PYRITIZED ZONE Light grey, non-magnetic, very hard STRUCTURE: brecciated fractured & stockworked calcite C.A. @ 50°								
				* 2746	166.7	108.0	1.3	40		42700	7.3
			Alteration: Intense silicification minor chlorite in calcite stringers								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-3 — NUMBER 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION
106.7	108.0		Mineralization: 40% diss pyrite and in massive stringers.
108.0	112.3		FRAGMENTAL AUGITE PORPHYRY as above: dark green STRUCTURE: C.A. 50° fragmented. - Alteration: epidote as blotches and replacement. MINERALIZATION: odd py stringer - 5-10% diss pyrite throughout
112.3	124.6		SILICEOUS FELDSPAR PORPHYRY: ± AUGITE light grey, non-magnetic, very hard. STRUCTURE: well defined porphyritic texture - phenocrysts are creamy white euhedral and as 'ghosts'; recurred in more siliceous sections. C.A. - 50°. ALTERATION: weak to strong silicification - siliceous sections contain elf white feldspar phenocysts which are deformed. - epidote alteration as blotches and causes a bleached appearance in surrounding rock Mineralization: 1-2% diss pyrite throughout - 1-3% py associated w/ epidote blotches

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
2747	108.0	110.0	2.0	2			
2748	110.0	112.0	2.0	2			
2749	112.0	114.0	2.0	5			
2750	114.0	116.0	2.0	2			
2751	116.0	118.0	2.0	2			
2752	118.0	120.0	2.0	2			
2753	120.0	122.0	2.0	2			
2754	122.0	124.0	2.0	3			

TEX GEOSERVICES · DRILL LOG · HOLE NO. 87-3

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
124.6	127.2		HORNBLENDE FELDSPAR PORPHYRY DYKE + FRAGMENTAL AUGITE PORPHYRY								
			grey green, hard, non-magnetic								
			STRUCTURE: Acicular 1-2mm Hornblende phenocrysts and ≤ 1mm acicular feldspar phenocrysts in a fine grained grey matrix. Contacts @ 45° - Section of dark green AP. from 125.2 - 126.3 m.	2755	124.0	126.0	2.0	1			
				2756	126.0	128.0	2.0	1			
			Mineralization: 1-2% fg diss pyrite.								
127.2	130.6		SILICEOUS FELDSPAR PORPHYRY as above: Fewer augite phenocrysts								
			STRUCTURE: C.A- 50°								
			Alteration: moderate silicification - epidote as blotches - not as prevalent as previous sections calcite in fine fractures.	2757	128.0	130.0	2.0	1			
			Mineralization: odd small pyrite stringer - diss 1-2%.								
130.6	142.2		FRAGMENTAL AUGITE PORPHYRY as above:								
			STRUCTURE: Unit is almost completely made up of subangular to angular fragments. C.A. ± 50° Augite phenocrysts are abundant euhedral ± 7mm.								
			ALTERATION: epidote alteration as blotches ± 2cm minor - also as stringers 1-2 scarce								

TEX GEOSERVICES — DRILL LOG — HOLE NO. 87-3

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
130.6	142.2		Con't								
			Mineralization: ± 2% diss'd py. throughout	2758	130.0	132.0	2.0	1			
			- also as stringers, knit as	2759	132.0	134.0	2.0	2			
			with epidote; rare	2760	134.0	136.0	2.0	2			
			- minor hematite in odd fracture	2761	136.0	138.0	2.0	5			
				2762	138.0	140.0	2.0	2			
				2763	140.0	142.0	2.0	2			
142.2	144.3		HORNBLENDE FELDSPAR PORPHYRY DYKE								
			grey, very hard, non-magnetic								
			STRUCTURE: acicular hornblende phenocrysts								
			with small ± 1mm feldspar phenos								
			in light grey fine grained matrix								
			Contacts @ 30°	2764	1420	1440	2.0	1			
			Alteration - minor silicification								
			minor epidote								
			Mineralization: 1% f.g. diss py.								
144.3	153.47		FRAGMENTAL AUGITE PORPHYRY								
			as above: magnetite ≈ stringers of pyrite								
			STRUCTURE - Fragmental								
			C.A @ 45°	2765	144.0	146.0	2.0	2			
				2766	146.0	148.0	2.0	*3			
			Alteration - epidote as stringers and	2767	148.0	150.0	2.0	1			
			replacement - minor - local	2768	150.0	152.0	2.0	2			
			calcite with minor hematite	2769	152.0	153.47	1.47	3			
			Mineralization: diss pyrite 1-2% throughout								
			- Pyrite and magnetite in								
			stringers as follows								
			146.1 - 1cm @ 30°								
			147.75 - 1cm @ 90°								
			150.3 - 1cm @ 15°								

TREX GEOSERVICES · DRILL LOG · HOLE NO. 87-3

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =
153.47		

DESCRIPTION

END OF HOLE.

Casing removed
uncemented.

Remarks: This extension of hole 3 is almost completely made up of Fragmental Augite Porphyry. Only one interesting silicified zone occurs from 106.7 - 108.0 m. MAGNETITE occurs near bottom of hole and is similar to the rock unit containing magnetite in hole 87-10.

SAMPLE NO.	FROM	TO	LENGTH

ASSAYS

ARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-4

PROPERTY: Mt. MILLIGAN	TP OR AREA: MACKENZIE	AZIMUTH: 167°	DATE STARTED: Feb 12, 1987	CORRECTED DIP TESTS: 47.9 50° ; 99.67 51°
PROJECT: 87.4	~~LOT & CONC.~~ Mining Division: OMINECA	DIP: -50°	DATE COMPLETED: Feb 14, 1987	
CLAIM NO.: Mid Esker Zone	CO-ORDINATES.: 123 m east of	LENGTH: 99.67m. (327')	DRILLED BY: QUEST CANADA DRILLING	
GRID NO.: Section 100 N	SP 245. (54.5 m @ 93° to 87-1)	COLLAR ELEV.	LOGGED BY: D.M. WINDSOR	

LOCATION SKETCH OF HOLE: O.F.

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
			TO TEST: STRIKE OF INFERRED GOLD BEARING ZONE BETWEEN 87-1 and 87-3
0	1.2		Casing.
1.2	11.7		SILICEOUS ANDESITE PORPHYRY FRAGMENTAL ; grey, non-magnetic, siliceous, healed breccia. phenocrysts are from 1 - 5mm - dark grey, non-calcareous.
			STRUCTURE: porphyritic texture in a fine - medium grained grey-green matrix. Thin calcite stringers throughout at 40 - 65°. Brecciation is local and fragments are vague.
			Alteration: Moderate to intensely silicified with epidote and minor calcite replacing phenocrysts.
			Mineralization: 1 - 2% fine dissem py throughout along with pyrite stringers.
			Remarks: Core generally fractured @ 45° to C.A.
11.7	12.5		HORNBLENDE PORPHYRY DYKE (Lamp) 50% acicular hornblende in a medium green fine grained matrix.
			STRUCTURE: Upper contact vague - Lower Contact @ 85°
			[illegible]

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	Au ppm
6249	1.2	4.0	2.8	1%		40	0.3
6250	4.0	6.0	2.0	1%		32	0.1
6251	6.0	8.0	2.0	1%		18	0.1
6252	8.0	10.0	2.0	1%		24	0.6
6253	10.0	12.0	2.0	1%		40	0.6
6254	12.0	13.0	1.0	1/2%		235	2.7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION
12.5	26.0		SILICEOUS AUGITE PORPHYRY FRAGMENTAL grey-green mottled - bleaching gives the mottled appearance. same as section 1.2 - 11.7m. - increase in epidote 19.0m downward. - matrix is mot. gr. grey with pale to dark green augite phenos (colour dependent on degree of alteration) - Section is fragmented; the fragments either being a cream coloured matrix with augite phenocrysts or fine-grained light coloured mafic rocks. STRUCTURE: Fragmental C.A. @ ±50° calcite and pyrite stringers are evident although not as abundant as in section from 1.2 - 11.7m. ALTERATION: highly silicified with abundant epidote as blebs and replacing augite phenocrysts. Mineralization: diss. fine-med. gr. pyrite - ±50% anhedral. 1 - 5% and up to 10% locally.
26.0	27.5		SILICIFIED 'ACICULAR' AUGITE PORPHYRY dark green - black acicular augite (hornblende?) phenocrysts in a medium grey fine-grained matrix hard - non-magnetic. STRUCTURE: C.A. 65° - massive. ALTERATION: light to intense silicification Mineralization: 2 - 10% fine diss py. anhedral. also as stringers up to 1cm.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	As ppm
6255	13.0	15.0	2.0	2%		101	3.2
6256	15.0	17.0	2.0	2%		103	6.7
6257	17.0	19.0	2.0	2%		56	1.7
6258	19.0	21.0	2.0	2%		34	1.7
6259	21.0	23.0	2.0	1%		33	1.0
6260	23.0	24.5	1.5	1%		155	2.3
6261	24.5	26.0	1.5	3%		51	1.6
6262	26.0	27.5	1.5	10%		52	3.6

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au g/t	Au ppb	Ag ppm
27.5	30.6		EPIODTIC 'ACICULAE' Augite PORPHYRY green-grey - hard - non-magnetic.	6263	27.5	29.5	2.0	1%		26	0.1
				6264	29.5	31.0	1.5	1%		245	1.7
			STRUCTURE: C.A. ±60°								
			ALTERATION: moderately silicified 50% epidote as replacement and as stringers.								
			Mineralization: 1% diss py.								
			Remarks: Phenocrysts are 1 - 2mm long and in all directions to C.A. They are dark green to black (hornblende?)								
30.6	32.0		SILICIFIED ZONE - (Aug.te Porphyry) very hard - non-magnetic. - grey.	6265	31.0	32.0	1.0	5%		82	0.9
			STRUCTURE: C.A. 55°.								
			Alteration - silicification - noticeable lack of epidote. - Intense silicification between 31.2 and 31.6. - (planes bleached to white)								
			Mineralization: 3±4% fine diss py. 31.3 - 31.6m - diss py and 3 stringers @ 50° to C.A. - - 30% f.g py. - X								
32.0	32.7		EPIODTIC 'Acicular' AUGITE PORPHYRY as. above.								
			STRUCTURE: Contacts vague. C.A. 60°								

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION
32.7	45.6		SILICEOUS AUGITE PORPHYRY (FRAGMENTAL)
			as above.
			STRUCTURE: FRAGMENTAL C.A. ± 60°
			Alteration - epidote as replacement and stringers
			Mineralization: 1-3% diss'd. py - odd stringer.
45.6	50.5		SILICIFIED ZONE
			Moderate to intensely silicified grey A.P.
			non-magn. rx.
			STRUCTURE: massive (altd'd porphyry) C.A ∈ 50°
			Alteration: silicification - intense from 46.2 - 47.3 m. Calcite in hairline fractures. - Talcose in pyritized zone.
			Mineralization: 2-10% f.m.g. anhedral pyrite 15% in 46.2-47.3 silicified section.
			Remarks: Core has a slight brecciated texture due to influx of calcite and py.
50.5	89.0		SILICEOUS AUGITE PORPHYRY FRAGMENTAL
			as above:
			STRUCTURE: porphyritic - FRAGMENTAL C.A. 50°
			Alteration: Epidote as blebby and replacement mineral - silicified sections: 51.2 - 51.3 m; 56.2 - 56.4 m; 61.4 - 61.6 m 10% py.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au g/t	Au ppb	Au ppm
6266	32.0	34.0	2.0	5%		91	0.8
6267	34.0	36.0	2.0	7%		150	0.4
6268	36.0	38.0	2.0	3%		59	0.1
6269	38.0	40.0	2.0	4%		31	0.1
6270	40.0	42.0	2.0	2%		34	0.1
6271	42.0	44.0	2.0	1%		37	0.4
6272	44.0	46.0	2.0	2%		60	0.3
6273	46.0	47.5	1.5	10%		590	2.5
6274	47.5	49.0	1.5	2%		54	0.4
6275	49.0	51.0	2.0	3%		64	0.1
6276	51.0	53.0	2.0	4%		53	0.4
6277	53.0	55.0	2.0	5%		545	1.1
6278	55.0	57.0	2.0	5%		82	0.1
6279	57.0	59.0	2.0	5%		93	0.1
6280	59.0	61.0	2.0	5%		87	0.6
6281	61.0	63.0	2.0	5%		38	0.3

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-4 — SHEET 2 OF 6

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (Metres)	TO (Metres)	LENGTH (Metres)	Est % py	Au g/t	ASSAYS Au ppb	ASSAYS Ag ppm
50.<	89.0		Mineralization - 2-5% py clots, odd stringer as follows:	6282	63.0	65.0	2.0	2%		61	0.1
			-60.0- 1cm - @ 45° to C.A	6283	65.0	67.0	2.0	2%		72	0.1
			Silicified zone carry - 10% with some hematite	6284	67.0	69.0	2.0	4%		114	0.1
			-66.6 @ 90° - f.g. 2cm - 10%	6285	69.0	71.0	2.0	3%		175	0.1
			-67.7 @ 85° - 1cm.	6286	71.0	73.0	2.0	2%		55	0.3
			-68.0 1cm @ 65°	6287	73.0	75.0	2.0	3%		74	0.3
			-68.2' 0.5cm @ 85° with calcite	6288	75.0	77.0	2.0	2%		150	0.1
			-73.8 - 1cm with 1cm., @ 50°	6289	77.0	79.0	2.0	2%		64	0.1
			-81.35 - 0.5cm 45° to C.A	6290	79.0	81.0	2.0	2%		54	0.1
			-82.0 - 1:1 @ 40° to C.A.	6291	81.0	83.0	2.0	3%		84	0.5
			-82.5 - 82.6 - strong epidote w 10% py	6292	83.0	85.0	2.0	2%		84	0.1
			86-8 - 1cm @ 45°	6293	85.0	87.0	2.0	2%		41	0.1
			88-2 1cm @ 50°	6294	87.0	89.0	2.0	3%		40	0.4
			Remarks: Crumbled core from 57.7 to 58.2m								
			hematite in fractures from 64.0 downward.								
			EPIDOTE alteration throughout complete								
			section.								
89.0	94.0		SILICIFIED PYRITIZED ZONE								
			grey, very hard, non-magnetic A.P.	6295	89.0	90.0	1.0	10%		37	0.1
				6296	90.0	91.0	1.0	7%		36	0.3
			STRUCTURE: Massive, C.A. 45 to 50°	6297	91.	92.0	1.0	3%		61	0.3
			numerous hairline and calcite filled	6298	92.0	93.0	1.0	10%		135	0.9
			fractures ∥ ≈ 45° to C.A.	6299	93.0	94.0	1.0	40%	4.62	4620	3.8
			ALTERATION: SILICIFICATION, minor epidote.								
			Sheaf crystals completely deformed in								
			sections.								
			Mineralization 5 to 20% euhedral py. - f-m.gr.								
			Massive section: 73.1 - 93.5 mass. py. @ 50°								

RNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-4 — SHEET 6 OF 6

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
74.0	99.67		SILICEOUS AUGITE PORPHYRY FRAGMENTAL as above.
			STRUCTURE: Recrystallized - porphyritic. C.A. 50°
			Alteration: silicification, epidote
			Mineralization - 1-5% diss'd py. hematite, epidote - calcite stringers
99.67			END OF HOLE
			Casing Pulled Hole Cemented.
			Completely sampled.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	Au g/t	Au ppb	Au ppm
6300	94.0	96.0	2.0	8%		205	0.8
6851	96.0	98.0	2.0	5%		42	0.3
6852	98.0	99.67	1.67	5%		72	0.4

ASSAYS

CARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-5

PROPERTY: Mt. Milligan	TP OR AREA: MACKENZIE	AZIMUTH: 135°	DATE STARTED: Feb 14 1986	CORRECTED DIP TESTS: 463 43°	LOCATION SKETCH OF HOLE: O.K
PROJECT: 87-4	LOT & CONC. Mining Division: ONINECA	DIP: -45°	DATE COMPLETED: Feb 16, 1986	101.2 42°	
CLAIM NO.: CREEK ZONE	CO-ORDINATES: 26.5m @ 140° to	LENGTH: 101.4m (332')	DRILLED BY: Quest Canada Drilling Ltd		
GRID NO.: SECTION 100 NE	SP-21	COLLAR ELEV.	LOGGED BY: D.M.(J) INDOOR		

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=5	DESCRIPTION
			TO TEST: HIGH Gold lithogeochemical sample #3 - 22004 ppb in the 'Creek Zone'
0	5.2m		CASING
5.2	6.4		Dark GREY SILICIFIED ANDESITE PORPHYRY (ANDESITE) grey - non-magnetic very hard. phenocrysts are vague (fuzzy) dark green to black. STRUCTURE: massive - fractured and healed by calcite C.A. @ 55°. numerous hairline fractures cross cutting and parallel to C.A. ALTERATION: highly silicified. some hematite in fractures. no - epidote. Mineralization: 1-2% fine disseminated py.
6.4	9.3		ALTERED ANDESITE FELDSPAR PORPHYRY (SILICEOUS) medium grey very hard non-magnetic. 10% Andesite phenos, 20% feldspar phenos in a dark grey f.g. matrix. STRUCTURE: slightly brecciated. C.A. ± 70° ALTERATION: highly silicified - phenocrysts are vague - some epidote in fractures calcite veining as hairline stringers generally @ 70° to C.A. MINERALIZATION: 1-2% diss py - some hematite in

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
6853	5.2	7.0	1.8	1%		28	0.1
6854	7.0	9.0	2.0	1%		35	0.1

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-5

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	Metres LENGTH	Est % PY	ASSAYS Au g/t	Au ppb	Au ppm
9.3	10.7		SILICIFIED AUGITE PORPHYRY dark grey - hard - magnetic in stringers. STRUCTURE: C.A. 75°. ALTERATION: Silicified. Mineralization: 1-5% anhedral f.g. diss py - odd stringer of calcite including magnetite.	6855	9.0	11.0	2.0	4%		265	0.1
10.7	11.9		ALTERED AUGITE FELDSPAR PORPHYRY (AV?) (BX) as above.	6856	11.0	13.0	2.0	5%		315	0.1
			STRUCTURE: brecciated C.A. 65° Mineralization: 1-5% f.g. diss py.								
11.9	22.4		FINE GRAINED A.F. PORPHYRY (SILICEOUS ANDESITE) dark grey green - hard - non-magnetic. phenocrysts are small 1mm and section is SILICIFIED.	6857	13.0	15.0	2.0	4%		305	0.1
				6858	15.0	17.0	2.0	2%		250	0.1
				6859	17.0	19.0	2.0	2%		225	0.1
				6860	19.0	21.0	2.0	2-3%		155	0.1
				6861	21.0	23.0	2.0	1%		185	0.4
			STRUCTURE: MASSIVE areas of intensive silicification are generally brecciated. C.A. is generally 85° ALTERATION: SILICIFIED ZONES as follows: 12.6 - 13.0 - calcareous 13.5 - 15.8 - fractured py ± cal - 10% 16.8 - 16.9 - well fractured - calcite filled 18.5 - 18.6 - brecciated - calcareous 19.6 - 20.0 - light grey green talcose - ~~f.~~ - clay material 21.6 - 22.4 - silicic - fractured C.A. 65° brecciated magnetic @ 21.9 + 22.4 Mineralization: 1-5% f.g. diss'd. py.								

TAKNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-5 — SHEET 2 OF 2

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au g/t	Au ppb	Au ppm
22.4	25.0		AH'd H.F.P. (SILICEOUS) light grey - 'fuzzy' feldspar phenocrysts	6862	23.0	25.0	2.0	1%		36	0.1
			STRUCTURE: CA @ 60°								
			Mineralization: 2-5% fg anhedral minor magnetite.								
25.0	27.0		Pyritized Silicified Zone (H.F.P) grey siliceous, non-magnetic								
				6863	25	26.	1.0	6%	3.38	3380	4.9
			STRUCTURE: 50° - minor brecciation. hairline up to 0.5cm calcite veining.	6864	26	27	1.0	10%		215	0.1
			Alteration: Intense silicification								
			Mineralization: fine grained anhedral disst'd. pyrite uniform - 10-20%								
27.0	34.0		SILICIFIED H.F.P. (Marked breccia) medium + light grey - very hard - non-magnetic.								
			similar to section 22.4 + 25.0 but more altered.	6865	27.0	29.0	2.0	½		59	0.1
				6866	29.0	31.0	2.0	½		44	0.3
				6867	31.0	33.0	2.0	1%		20	0.4
			STRUCTURE: Core angle at ± 70°	6868	33.0	35.0	2.0	1%		25	0.8
			ALTERATION: Areas of intense silicification lack phenocrysts and contain minor brecciation - hairline fractures have been healed by calcite. - less altered areas appear to be argillic or hornblende feldspar porphyry.								
			Mineralization: ½% disst'd anhedral pyrite. 32.5-33 - 1-2% disst'd py in altd.-A.F.P.								
			Remarks: Section down hole becomes less altd								

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION
[illegible].0	51.8		HORNBLENDE FELDSPAR PORPHYRY (MONZODIORITE)
			Grey, porphyritic, very hard - moderately magnetic. (fragmental)
			STRUCTURE: Uniform texture C.A. 60-70°
			25° hornblende phenocrysts
			40° Feldspar phenocrysts (±5cm andesite frags)
			Alteration: minor calcite stringers
			silicified from 34 to 36.5m (moderate)
			From 36.5 downward, fresh monotonous H.F.P.
			Mineralization: <1% fine diss'd py [illegible]
			Remarks: Fresh from 36.5 to 40.0 m
			From 40.0 to lower contact is alt'd slightly - leaving phenocrysts with 'fuzzy' edges.
			pyrite becomes more prevalent - 2-3%
			Magnetite is found in stringers up to 5cm wide and is associated w calcite and pyrite as follows:
			42.87 - 42.92. - massive.
			46.45 - 2cm. - diss
			50.75 - 50.82 - massive - mottled.
			51.64 - 51.72 - mottled diss.
			Rose coloured alteration from
			50.2 to 50.76 - py - magnetic
			51.9 - 52.05 -
			Minor qtz veining.
			Complete section contains fragments of fine grained mafic volcanic (andesite)

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	ASSAYS Au ppb	ASSAYS Ag ppm
6869	35.0	37.0	2.0	3%		34	0.1
6870	37.0	39.0	2.0	1%		32	0.1
6871	39.0	41.0	2.0	1/2%		23	0.4
6872	41.0	43.0	2.0	1%		275	1.7
6873	43.0	45.0	2.0	1/2%	1.18	1180	1.7
6874	45.0	47.0	2.0	1/2%		38	0.1
6875	47.0	49.0	2.0	1/2%		28	0.1
6876	49.0	51.0	2.0			44	0.1

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-5 — SHEET 5 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	Ag ppm
~1.5	57.0		FINE GRAINED MAFIC VOLCANIC - ANDESITE								
			green gray - hard - moderate to strongly magnetic	6877	51.0	53.0	2.0	3%		165	0.1
			with numerous hairline calcite filled fractures.	6878	53.0	55.0	2.0	4%		265	0.1
				6879	55.0	57.0	2.0	3%		195	0.1
			STRUCTURE: Massive - C.A. 60°								
			fractured and filled by calcite								
			ALTERATION: moderately silicified - minor epidote								
			Mineralization: Magnetite: as fine mass								
			56.4 - 2cm massive stringer @ 65°								
			56.6 - 2cm massive stringer @ 75°								
			55.6 - disc. 5cm wide py								
			56.1 - mass. @ 30° to C.A.								
			Pyrite: 1-5% euhedral fine grained disc'd.								
			Remarks: Pyrite is commonly associated with above average percentage of magnetite								
~7.0	60.7		FAULT ZONE - GOUGE MATERIAL								
			Rubble - probably augite porphyry which has								
			been moderately silicified.	6880	57.0	59.0	2.0	3-4		295	1.0
			- Dark gray green with ~5% qtz	6881	59.0	61.0	2.0	4		85	0.1
			and calcite as stringers.								
			- Gouge with 10cm qtz vein @ 58.6-58.7								
			may contain some graphite.								
			STRUCTURE: Broken core with contacts indefinite								
			Core recovery: 57.0-57.9 - 60cm.								
			57.9-58.5 - 20cm								
			58.5-59.0 - 40cm								
			59.0-60.7 - 60cm								
			- 49% core recovery.								
			ALTERATION: moderate silicification								
			Mineralization: ~5% euhedral diss py.								
			Remarks: non to weakly magnetic -								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-5 — SHEET 6 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
60.7	61.0		Altd SILICEOUS A.P. grey green moderately silicified - non-magnetic.
			STRUCTURE: slightly breccia ted C.A. 65°-70°.
			Alteration: mainly silicification and calcite
			MINERALIZATION: fine diss pyrite. minor hematite on fractures.
61.0	101.19		FINE GRAINED MAFIC VOLCANIC - ANDESITE as above. Magnetic.
			STRUCTURE: Massive. C.A: 55°-60° cross-cutting hairline and up to 1cm qtz an calcite stringers - calcite dominant.
			ALTERATION - MINERALIZATION: SILICIFIED PYRITIZED ZONES as follows: 74.2-74.3 - moderate silt'd. 10% py. 74.5-74.6 - moderate silt'd 3% py 74.65-74.75 - strong silt'd - 5% py - C.A 70°. 75.0-75.35 - intense with 'vuggy' calcite and qtz. - 5-10% py 75.5-75.6 - intense 3% py C.A @ 55° 76.5-77 - broken core - moderately siliceous 77.0-77.26 - strong silt'd - seam chlorite - calcite & qtz - strongly magnetic in stringers (magnetite) 10% py 77.9-78.1 - moderate silt'd - brecciated 2% py 79.0-79.2 - intense silt'd. - 1-5% py brecciated - 35° C.A

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au g/t	Au ppb	Au ppm
6882	61.0	63.0	2.0	2%		89	0.2
6883	63.0	65.0	2.0	3-4%		885	1.6
6884	65.0	66.0	1.0	15%		350	1.7
6885	66.0	68.0	2.0	7%		250	0.6
6886	68.0	70.0	2.0	1%		61	0.1
6887	70.0	72.0	2.0	2%		150	0.3
6888	72.0	74.0	2.0	6%		275	0.5
6889	74.0	75.0	1.0	8%	2.55	2550	2.5
6890	75.0	76.0	1.0	6%	21.2	21200	10.2
6891	76.0	78.0	2.0	5%		74	0.3
6892	78.0	80.0	2.0	2%		350	0.9

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =
64.0	101.2	

DESCRIPTION

(CONT. ALTERATION — MINERALIZATION)

65.0 - 66.0 - pyrite as stringers and disseminations 10-15%

81 - 81.3 - weakly silicified - strongly magnetic py - 5% - qtz-cal. veinlet

93.4 - 94.0 - brecciated silicified with magnetite in stringers. 5% py - C.A 65°

magnetite as stringers and generally pervasive in fine grained unit.

Minor hematite on fractures - sparse

Sparse epidote near bottom of hole

REMARKS: Core Recovery -

86.0 - 86.9 60cm

86.9 - 88.1 30cm 24% rubble.

90.0 - 94.0 - slight change to a a Rigite Porphyry. some epidote in fractures.

This unit becomes a lighter grey near the bottom of the hole but continues to be fine grained.

101.19 END OF HOLE.

2 acid tests

Casing pulled uncapped.

good sump for drilling fluids - very little if any runoff to creek.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
6893	80.0	82.0	2.0	5%		71	0.5
6894	82.0	84.0	2.0	2%		48	0.1
6895	84.0	86.0	2.0	3%		40	0.7
6896	86.0	88.0	2.0	2%		45	1.4
6897	88.0	90.0	2.0	3%		31	0.1
6898	90.0	92.0	2.0	3%		22	0.4
6899	92.0	93.0	1.0	1%		19	0.7
6900	93.0	94.0	1.0	1%		195	12.0
6901	94.0	96.0	2.0	1%		21	0.7
6902	96.0	98.0	2.0	1%		18	0.5
6903	98.0	100.0	2.0	1%		35	0.1
6904	100.0	101.19	1.19	1%		40	0.4

CARNEX GEOSERVICES LINCOLN RESOURCES INC.

DRILL LOG HOLE NO. 87-6

SHEET ___ OF ___

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
Mt. MILLIGAN	Mackenzie	135°	Feb 17, 1987	Nil
PROJECT 87-4	~~LOT & CONC.~~ Mining Division OMINECA	DIP -45°	DATE COMPLETED Feb 19, 1987	
~~CLAIM NO.~~ 'CREEK ZONE'	CO-ORDINATES. 10m South @ 135°	LENGTH 61.26 metres	DRILLED BY Quest Canada Drilling Ltd.	
~~GRID~~ SECTION 9915ONE	to SP-86-45	COLLAR ELEV.	LOGGED BY D.M. Windsor	

LOCATION SKETCH OF HOLE

O.K

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % PY	ASSAYS Au g/t	Au ppb	Au ppm
			TO TEST: Down dip of anomalous gold values defined in 'Creek Zone' trenches								
0	1.5m		Casing								
1.5	15.8		AUGITE PORPHYRY - Coarse to Medium Grained Mafic Vol grey-dk.green, hard, non-magnetic, Broken Core.								
			STRUCTURE: Massive - odd section of brecciated material (feldspar por.) 2.7-5.3 is rubble but core recovery is good								
			fracturing is 50-55° with calcite and epidote stringers from 50-25° to C.A.	6905	1.5	3.5	2.0	1%		38	0.1
				6906	3.5	5.5	2.0	1%		36	0.1
				6907	5.5	7.5	2.0	1%		56	0.5
			Alteration: Very minor silicification mainly epidote in stringers and chlorite as a ground mineral.	6908	7.5	9.5	2.0	7%		74	0.1
				6909	9.5	11.5	2.0	4%		82	0.1
				6910	11.5	13.5	2.0	3%		185	0.1
				6911	13.5	15.5	2.0	1%		265	0.3
				6912	15.5	17.5	2.0	1%		245	0.5
			Mineralization: disc. pyrite is located mainly as stringers and makes up perhaps 2% of the section. It is often well oxidized on fractures								
			Remarks: This section is a faulted zone. clay gouge - 2.7 - 5m - 4.9 - 5.3								
15.8	17.7		FAULT ZONE - F.G. mafic vol or A.P same as above but contains sections of rubble								
			STRUCTURE: Massive with a slight porphyritic texture. C.A. is approx 45° and generally fractures at 50°								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-6 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	Au ppm
15.8	17.7		Con't.								
			Alteration: minor epidote and calcite								
			Mineralization: minor pyrite as stringers.								
			Remarks: Core recovery - 75%								
17.7	24.5		Siliceous ALT'D Rhyolite Porphyry - C.G. Mar. Vol dark-green, hard, moderate to strongly magnetic. moderately silicified.								
			STRUCTURE: massive with lam. dark green and cream coloured phenocrysts. C.A. 45-60° numerous hairline calcite filled fractures.								
			Alteration: Moderate silicification 23.5-20.45. - moderate cross cutting calcite stringers.	6913	17.5	19.5	2.0	2%		190	0.7
				6914	19.5	21.5	2.0	2%		150	0.5
				6915	21.5	23.5	2.0	3%		185	0.2
				6916	23.5	24.5	1.0	5%		245	0.8
			MINERALIZATION: pyrite - magnetite in stringers and diss. - 18.9 - 18.95 - massive euhedral py and crystal magnetite with qtz and calcite - C.A. 60° 20.4 - lam qtz magnetite stringer @ 60° to C.A - epi. - minor py. 21.25-21.30 - py @ 70° C.A 20.6 - 5cm - py-qtz @ 50°. lam on fracture face. 22 - 1cm - mag. py @ 45°. 23.85-23.89 - massive magnetite band @ 68° - purple								
24.5	25.1		SILICIFIED RHYOLITIC ZONE Rose coloured, hard, weakly magnetic.								
			STRUCTURE: massive, brecciated. - C.A 60°	6917	24.5	25.1	0.6m	20%	3.96	3960	14.8
			Alteration: Intense silicification with fresh crystalline hematite (probably contributes to								

RNEX GEOSERVICES — ILL LOG — HOLE NO. 87-6 — SHEET 5 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % py	ASSAYS Au g/t	Au ppb	Au ppm
24.1	25.1		Con't. Mineralization - 5-10% fine grained diss euhedral pyrite. - Remarks - upper contact is brecciated.								
25.1	38.3		SILICEOUS AUGITE PORPHYRY - C.G. MAF. VOL. as above: STRUCTURE: C.A 35 - 50° massive with moderate porphyritic texture. ALTERATION - MINERALIZATION.								
			25.19 - 25.23 - Rose - alt'd. mag. 55° C.A. 15% py.	6918	25.1	27.1	2.0	3%		185	1.3
			25.3 - 10cm - magnetite - 75° C. A.	6919	27.1	29.1	2.0	1%		195	1.0
			27.4 - 27.55 - rose alt'd silicified, magnetic py - 10% - 70° - C. A.	6920	29.1	31.0	1.9	3%		445	0.5
			28.5 - 28.6 - 1cm - 10% py @ 30° - magnetite	6921	31.0	33.0	2.0	3%		185	0.3
			30.40 - 30.57 - Rose coloured silicified - 20% py - @ 90° to C.A	6922	33.0	35.0	2.0	3%		215	0.4
			31.30 - 31.50 - alt'd H.F.P DYKE.	6923	35.0	37.0	2.0	1%		189	0.1
			33.5 - diss mag. 2cm @ 90°	6924	37.0	39.0	2.0	1/2%		66	0.2
			33.9 - 1cm py + mag @ 65° - 2% py								
			34.9 - 1cm magnetite								
			37.0 - 4cm - magnetite - calcite.								
			Remarks: 34.9 - 36.8m: - broken core. - Some gouge material.								
38.3	42.3		FELDSPAR PORPHYRY DYKE Cream white to pale green euhedral feldspar phenocrysts in a fine grained grey-green matrix.	6925	39.0	41.0	2.0	1/2%		1	0.1
			STRUCTURE: upper contact @ 50°. odd ~~late~~ calcite stringer - Talc - gypsum on odd fracture Bottom contact broken core.								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-6 — SHEET 4 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Pt g/t	ASSAYS Au ppb	ASSAYS Ag ppm
24.2	42.3		con't.								
			Mineralization: < ½ % py.								
				6926	41.0	43.0	2.0	tr-1%		33	0.1
42.3	47.4		SILICEOUS AUGITE PORPHYRY - C.C. MAF. VOL.								
			as above.								
			STRUCTURE: 60-70% C.A massive								
			odd calcite stringer.	6927	43.0	45.0	2.0	4%		285	0.9
				6928	45.0	47.0	2.0	2%		560	1.4
			Alteration: siliceous zones								
			45.9-46.1 - moderate - py 5%, weakly magnetic								
			Mineralization: overall 3% py.								
			45.0-45.6 - 5-10% diss py.								
47.4	53.5		ALT'D H.F.P - FAULT ZONE								
			Light grey, siliceous, moderately magnetic.	6929	47.0	49.0	2.0	1%		62	0.1
			STRUCTURE: Massive. C.A. 50-60°	6930	49.0	51.0	2.0	1%		15	0.4
			phenocrysts as ghosts	6931	51.0	53.0	2.0	1-2%		365	0.1
			Alteration: silicification with 'limy' surfaces on fractures.								
			MINERALIZATION: ½ + 1% diss py.								
			Remarks: broken core - 46.5-48.2m 97% recovery								
			* gouge-rubble - 52.5-53.3 - 50% recovery								
53.5	61.26		HORNBLENDE FELDSPAR PORPHYRY - FAULT ZONE								
			hard, grey, magnetic								
			subhedral feldspar phenocrysts with	6932	53.0	55.0	2.0	½%		76	0.1
			subhedral hornblende phenocrysts.	6933	55.0	57.0	2.0	½%		370	0.1
				6934	57.0	61.26	4.26	½%		38	0.1
			STRUCTURE: Massive porphyry.								

NEX GEOSERVICES

DRILL LOG HOLE NO. 87-6

SHEET ___ OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
53.5	61.26		Cont					
			Remarks: most of sect is broken core - from 58.2 - 61.3 = 0.9 metres of core.					
61.26			End of Hole					
			Hole lost at 61.26 metres. due to rods sticking in fault zones.					
			Casing was pulled uncemented.					
			Core recovery was 100% except near fault zones.					
			Hole completely sampled					

SHEET 1 OF 1

TARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-7

PROPERTY: Mt. Milligan	TP OR AREA: Mackenzie	AZIMUTH: 137°	DATE STARTED: Feb 20 1987	CORRECTED DIP TESTS: 47.9 60° ; 99.67 60°
PROJECT: 87-4	~~LOT & CONC.~~ Mining Division: OMINECA	DIP: -60°	DATE COMPLETED: Feb 22 1987	
CLAIM NO.: CREEK ZONE	CO-ORDINATES: 30.5m west @ 266° from sp-8645	LENGTH: 99.67m. (327')	DRILLED BY: QUEST CANADA DRILLING LTD.	
~~GRID NO.~~ Section: Section 99N/25 NE		COLLAR ELEV.	LOGGED BY: D.M. WINDSOR	

LOCATION SKETCH OF HOLE: O.K.

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
			To Test: Structure and anomalous gold values in the 'Creek Zone'
0	1.8m		Casing
1.8	9.5		Dk. Green-grey AUGITE-HORNBLENDE PORPHYRY - C.G. MAF Vol hard, non-magnetic, with 1mm augite phenocrysts in sections containing 1-3mm actinolite hornblende phenocrysts.
			STRUCTURE: Massive C.A. 60-65° hairline fracturing filled by Calcite, minor pyrite and epidote.
			Alteration: minor silicification, epidote as stringers running @ 50° to parallel ± C.A.
			Mineralization: pyrite as hairline stringers and blebs along fractures - most commonly associated with epidote - minor hematite on fractures
			Remarks: broken core from 1.8 to 3.3 metres
9.5	10.6		SILICIFIED AUGITE PORPHYRY (BX'd) fine grained, slightly brecciated, non-magnetic. pyritized.
			STRUCTURE: Brecciated, C.A @ 55°.
			Alteration: strongly silicified, calcite in fractures.

SAMPLE NO.	FROM	TO	LENGTH	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
6935	1.8	4.0	2.2	2%		33	0.1
6936	4.0	6.0	2.0	1%		26	0.1
6937	6.0	8.0	2.0	½%		19	0.3
6938	8.0	9.5	1.5	5%		41	0.7

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-7 — SHEET 2 OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Est % PY	ASSAYS Ag g/t	Au ppb	Ag ppm
9.5	10.6		con't.	6939	9.5	10.6	1.1	15%		345	5.6
			Mineralization: 5-15% - fine to coarse grained subhedral pyrite.								
10.6	22.1		DARK GREEN AUGITE PORPHYRY - C.G. - MAF VOL.								
			dark green 1-2mm augite phenocrysts and in sections up to 4mm. -	6940	10.6	12.5	1.9	2%		18	0.5
			unit is hard and weak to moderately magnetic	6941	12.5	14.5	2.0	1%		16	0.1
				6942	14.5	16.5	2.0	1%		26	0.1
			STRUCTURE: massive - and fracture filled with	6943	16.5	18.5	2.0	2%		320	0.1
			pyrite, calcite and epidote.	6944	18.5	20.5	2.0	3%		42	0.1
			C.A. 55°-60°	6945	20.5	22.0	1.5	3%	1.06	1060	0.6
			Alteration: epidote as stringers and replacement mineral - most of unit is unaltered - - hematite staining on odd fracture								
			MINERALIZATION: up to 1% diss py throughout also as massive stringers up to 3cm wide. Magnetite as stringers and commonly associated with pyrite. as follows. 17.1m - 0.5cm py @ 70° to C.A. 18.65-18.69 - massive py and mag @ 70° 19.0 - 1cm - massive py & mag @ 85° 19.35 - 0.5cm massive mag @ 60°								
22.1	23.9		SILICIFIED PYRITIZED ZONE								
			hard, grey, non-magnetic with numerous calcite - pyrite veins								
			STRUCTURE: C.A. 50-60°								
			Alteration: Silicification, calcareous, minor hematite								
			Mineralization: Massive pyrite from 22.3 to 23.5. - fine diss'd. throughout rest of section - 10-15%	6946	22.0	24.0	2.0	15%	3.46	3460	11.0
			Remarks: Core is broken and 0.5m is lost between								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-7 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % py	ASSAYS Au	Au ppb	Ag ppm
									91t		
23.9	28.8		DARK GREEN AUGITE PORPHYRY - C.G. MAF. VOL								
			dark green, hard, moderately magnetic.	6947	24.0	26.0	2.0	2%		35	0.5
			slightly siliceous	6948	26.0	28.0	2.0	2%		78	1.1
				6949	28.0	30.0	2.0	3%		133	0.4
			STRUCTURE: massive, - C.A. 50-60°								
			Alteration: Silicification from:								
			26.2 - 26.7 - moderate 5% py								
			27.3 - 28.0 - moderate - 4% py								
			minor epidote in fractures.								
			MINERALIZATION: 1-2% diss py.								
			add 0.5 cm stringer								
28.8	36.6		FRAGMENTAL: F.G. AUGITE PORPHYRY ± FELDSPAR PORPHYRY								
			Fine to medium grained augite porphyry (andesite)								
			with 2 - 15cm feldspar porphyry fragments.								
			weak to strongly magnetic.								
			STRUCTURE: Fragmental - fragments of feldspar								
			porphyry and fg. andesite								
			- Feldspar fragments are pervasive and								
			contain subhedral 1-3mm white plagioclase.								
			ALTERATION: slightly silicified and minor epidote as								
			stringers.								
			MINERALIZATION: Pyrite as diss'n medium grained	6950	30.0	32.0	2.0	5%		56	0.1
			2-5% - also as stringers	6951	32.0	34.0	2.0	7%		97	0.4
			- Diss'd py is probably post brecciation.	6952	34.0	36.0	2.0	3%		89	0.2
			- MAGNETITE in stringers commonly associated								
			with pyrite. as follows:								
			32.1 - 32.12 - 2cm mag. stringer - @ 65° to C.A								
			32.4 - 32.6 - py + mag stringers parallel								
			to C.A 10% py.								
			33.5 - Cal, qtz, mag, py in 1cm stringer								
			@ 25° to C.A.								
			36.2 - 1cm. mag @ py - to C.A.								
			Remarks - calcite vein 3 cm wide								
			@ 33.3m - minor gouge.								

RNEX GEOSERVICES — ILL LOG — HOLE NO. 87-7 — SHEET 4 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	metres LENGTH	Est % PY	ASSAYS Au g/t	Au ppb	Ag ppm
36.6	37.1		SILICIFIED ZONE - GOUGE	1153	36.0	37.1	1.1	10%		105	0.5
			grey; non-magnetic, calcite stockwk.								
			STRUCTURE: C.A. 25°.								
			- Lost - 15cm in gouge								
			ALTERATION: epidote, calcite silicified								
			- Limy								
			Mineralization - 5 - 10% disc. pyrite.								
37.1	45.9		FRAGMENTAL: F.G. A.P. ± FELSPAR PORPHYRY								
			as above. Fragments are less common.								
			STRUCTURE: massive fragmental								
			C.A. 55°								
			ALTERATION: epidote silicification - minor	6954	37.1	39.0	1.9	2		46	0.3
			some calcite as stringers	6955	39.0	41.0	2.0	1		565	0.4
			fragments are altered and vague.	6956	41.0	43.0	2.0	1		38	0.1
				6957	43.0	45.0	2.0	1		22	0.1
			Mineralization: add pyrite stringer - not as common as previous unit. ± 1% overall								
			- 45.7 - 45.9 - epidotic silicified pyritized - 10 - 15% py. - strongly magnetic	6958	45.0	46.0	1.0	4		54	0.2
			Remarks: 39.6 - 39.7 - ovicular augite - hornblende porphyry								
45.9	47.4		Acicular AUGITE ± HORNBLENDE?) PORPHYRY DYKE								
			well formed euhedral augite ± hornblende phenocrysts								
			in a fine grained pale green matrix.								
			very hard non magnetic	6959	46.0	47.0	1.0	2		95	0.4
			STRUCTURE: Contacts @ 25° to C.A. - chilled								
			Mineralization: ½% py. - hematite on fractures.								
			Remarks: 30cm section of frag - f.g. A.P from 46.3 to 46.1.								

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (metres)	Est % Py	ASSAYS Au g/t	ASSAYS Au ppb	ASSAYS Ag ppm
47.4	49.4		FRAGMENTAL - F.G. A.P ± FELDSPAR PORPHYRY as above.	6960	47.0	49.0	2.0	0.5		46	0.1
			STRUCTURE: BROKEN core C.A. 55°								
			Mineralization. 1-2% diss py with hematite on fractures.								
49.4	50.1		[illegible]: AUGITE ± HORNBLENDE PORPHYRY DYKE as above.								
			STRUCTURE: Chilled contact @ 20° to C.A.								
50.1	61.0		SILICEOUS (SILICIFIED) AUGITE POR. - FAULT ZONE alt'd, moderate to intensely silicified fractured A.P ± andesite. Core is broken and crumbly throughout section and fractures are limy and gouge material is abundant.								
			STRUCTURE: massive shattered core with numerous stringers up to .5cm but usually [illegible]. Stringers are mainly [illegible] with [illegible] quartz. Fracturing is in all directions in [illegible] prominent @ 50°-10°								
			Alteration: moderate to intense silicification completely [illegible] epidote and hematite - fractures are generally limy and in places contain a pale green talc.	6961	49.0	51.0	2.0	0.5		18	0.1
				6962	51.0	53.0	2.0	3 %		113	0.5
				6963	53.0	55.0	2.0	2 %		38	0.2
				6964	55.0	57.0	2.0	1 %		305	0.6
				6965	57.0	59.0	2.0	[illegible]		175	0.2
			Mineralization: fine grained subhedral diss pyrite throughout - 1-5% - - odd stringer of magnetite and pyrite but not as common as uphole sections.	6966	57.0	61.0	2.0	1/2		195	0.9

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-7 — SHEET ___ OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	Au ppm
60.1	61.0		Mineralization Cont'd. magnetite - pyrite stringers as follows. 53.5 - 1cm - diss. 55.5 - 1cm - diss @ 30° to C.A. 59.1 - 59.15 - qtz mag, py - 2cm @ 30° to C.A.								
			Remarks: Core recovery as follows: 54.4-54.9 - 20cm - loss 30cm crumbled Remainder of unit is 98%.								
61.0	63.1		C.G. MAF VOL. - F.G. A.P. medium hard, dark green -, strongly magnetic in places.	6967	61.0	63.0	2.0	1		250	0.4
			STRUCTURE: massive with calcite filled hairline fractures. sheets of 'feldspar phenocrysts' C.A. 55-65°								
			Alteration: calcareous, (mainly in fractures) chlorite or talc on some fractures - generally with calcite								
			Mineralization: minor diss'd. pyrite <½% and stringer of magnetite and pyrite along with calcite.								
63.1	64.6		HORNBLENDE FELDSPAR PORPHYRY DYKE hard, slightly altd, weak to moderately magnetic, grey.	6968	63.0	65.0	2.0	1		160	0.5
			STRUCTURE: C.A @ 65°								
			Mineralization very fine diss py 1%								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-7 — SHEET ___ OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Fst % Py	ASSAYS Au g/t	Au ppb	Au ppm
64.6	75.0		F.-M.G. MAF. VOL - ANDESITE.								
			dark green grey -								
			hard - mag-magnetic to strongly magnetic in fracture.	6969	65.0	67.0	2.0	½		740	0.6
				69.70	67.0	69.0	2.0	1		58	0.2
			STRUCTURE: massive and fracture filled.	69.71	69.0	71.0	2.0	½		235	0.7
			Brecciated from 74.0 - 75.0 m.	6972	71.0	73.0	2.0	½		265	0.4
			C.A @ 35 - 45°	6973	73.0	75.0	2.0	½		315	0.7
			Alteration: weak to moderate silicification, calcite banding, hematite on fractures.								
			Mineralization: magnetite, hematite, and pyrite. pyrite as follows: 65.4 - 65.5 - diss 10% 66.4 - 66.8 - 15% f.g. py plus mass mag 5% 68.1 - 1cm py - @ 85° 69.1 - 1cm py + mag @ 30°								
			Remarks: Calcite stringers are slightly limy. 74.0 - 75.0 - brecciated and siliceous.								
75.0	76.0		SILICEOUS HORNBLENDE FELDSPAR PORPHYRY hard, altd, grey, brown, non-magnetic.								
			STRUCTURE: C.A @ 35 - 50°								
			Mineralization: very f.g. py - 1-2%.								
76.0	88.0		SILICIFIED - BRECCIATED - H.F.P. - A.P. - ROUGE completely altd porphyry which has been brecciated healed and sheared. - Core is broken in approximately half of section. - non-magnetic, except for magnetite stringers & pyrite.								

TAKNEX GEOSERVICES

DRILL LOG HOLE NO. 87-7

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =
76.0	88.8	
88.8	99.4	

DESCRIPTION

STRUCTURE: - Brecciated - faulted C.A ±45°
Gouge as follows:
80.2 - 80.5 - 20cm - rubble
83.3 - 83.5 - 20cm - clay-rubble
* 86-6 - 87.1 - 50cm - clay-rubble
gouge is generally - bordered by intensely brecciated pale green fragments in calcite and minor qtz.

Alteration: intensely silicified and fractured - fractures contain calcite (in all directions)

Mineralization: pyrite and magnetite are found disseminated as stringers - 1-2cm wide -
pyrite is also as fine diss. in magnetite - ex. 1 + 88.8 m.

Remarks: Core recovery 75%

F.-M.C. MAF Vol. - Rhyolite Porphyry
as above - hard, non magnetic.

STRUCTURE: massive - C.A @ 55-65°

ALTERATION: calcite as stringers - Silicification strongest from 97.0 to 99.0 m -
contains pyrite, chlorite and calcite *

Mineralization: minor magnetite,
pyrite as fg. diss 1%
and as stringers -
pyrite veining in all directions

Remarks: Core recovery 100%.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	E.L % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
6974	75.0	77.0	2.0	½		22	0.1
6975	77.0	78.5	1.5	1		42	0.2
6976	78.5	80.0	1.5	½		46	0.4
6977	80.0	81.5	1.5	1		36	0.4
6978	81.5	83.0	1.5	1		225	0.6
6979	83.0	84.5	1.5	1-2		63	0.5
6980	84.5	86.0	1.5	1		52	0.6
6981	86.0	87.5	1.5	1		185	0.8
6982	87.5	89.0	1.5	2		156	1.0
6983	89.0	91.0	2.0	2		45	0.1
6984	91.0	93.0	2.0	2		111	0.5
6985	93.0	95.0	2.0	2		225	0.6
6986	95.0	97.0	2.0	2		295	4.2
6987	97.0	98.0	1.0	5	0.129	4220	82.0
6988	98.0	99.67	1.67	2		445	1.6

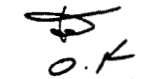
NEX GEOSERVICES LL LOG HOLE NO. 87-7 SHEET 2 OF 2

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
99.4	99.67		Acicular Augite ± Hornblende Porphyry Dyke as above.					
			Structure: upper contact ground core ~ C.A 70°.					
99.67			End of Hole					
			Casing stuck and left in. Uncemented. 2 acid tests taken.					
			Water recirculated and good settling pond used					
			Overall core recovery 96%.					
			Hole completely sampled.					

ARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-8

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
Mt. Milligan	Mackenzie Mining Division	70°	Feb 23, 1987	76.2 43°
PROJECT	LOT & CONC.	DIP	DATE COMPLETED	151.4 42°
87-4	OMINECA	-45°	Feb 26, 1987	
~~CLAIM~~ NO.	CO-ORDINATES.	LENGTH	DRILLED BY	
'Creek Zone'	10.5m @ 196°	156.36m (513')	Quest Canada Drilling Ltd.	
GRID NO. Section	to SP-56-45	COLLAR ELEV.	LOGGED BY	
97175N			D. M. Windsor	

LOCATION SKETCH OF HOLE



FOOTAGE FROM	FOOTAGE TO	SECTION 1"=5'	DESCRIPTION
			To Test: Structure in Creek Zone.
0	5.2m		Casing.
5.2	11.9		SILICEOUS - PYRITIZED ZONE - HOST? I.F. grey to dark green - medium hard, non-magnetic SECTION IS ALMOST COMPLETELY BROKEN.
			STRUCTURE: C.A @ 60° -
			ALTERATION: moderate to intense silicification, fracture filling by calcite and pyrite and minor magnetite.
			MINERALIZATION: Section contains massive and disc'd pyrite - average 15% + - 6.0 - 10.6m - massive pyrite in calcite veining running from parallel to 5° to C.A. - Core is approx. half pyrite - Vein material is limy and chloritic. - rest of section contains ± 10% disc'd py. - magnetite stringer @ 10.9m - 1cm wide.
			Remarks: Core Recovery: - 5.8 - 8.2 - 60cm - 25% - 8.2 - 8.8 - 50cm - 83% - 8.8 - 11.0 - 1.8m - 82%
			Fault or Shear zone.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Cu %	ASSAYS Au oz/t	Au ppb	Ag ppm
6989	5.2	5.8	0.6m	10		175	0.6
6990	5.8	8.2	2.4m	.15		395	0.5
6991	8.2	9.2	1.0	15		590	0.9
6992	9.2	10.2	1.0	20	.031	1010	1.2
6993	10.2	11.2	1.0	10		445	0.4
6994	11.2	12.2	1.0	10		365	0.7

TARNEX GEOSERVICES

DRILL LOG HOLE NO. 87-8

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
11.9	17.4		GREY - GREEN - A.P or C.C. MAF VOL - (COULEE) hard, moderate to strongly magnetic (in fractures) augite phenocrysts 1mm to 2mm.								
			STRUCTURE - massive - broken core. 14.3 - 14.8m - fault - gouge - greenish clay - 50% recovery - C.A. - 60° C.A is apparent - 50°								
			ALTERATION: Minor silicification, epidote in stringers, hem. + cal on fractures (inf. -								
				6995	12.2	14.2	2.0	2		205	0.2
			Mineralization: ½-2% disst'd. py - and as stringers - (generally associated w epidote). - magnetite in odd stringer with pyrite.	6996	14.2	16.2	2.0	3		89	0.1
				6997	16.2	18.2	2.0	2		39	0.1
17.4	22.7		GREY - FRAGMENTAL A.P or C.G. MAF VOL. as unit 11.9 - 17.4 but contains fragments of host plus feldspar hornblende porphyry slightly magnetic - strong in fractures								
			STRUCTURE: massive - v.g. - slightly broken, rp, cal, py, mag as fractures @ 45-60°								
			Alteration: weak silicification, epidote in fractures.								
				6998	18.2	20.2	2.0	3		44	0.1
			Mineralization: rp, py, mag. as stringers. py ± 2% - cold stringer of magnetite from 18.7 to 20.1 m.	6999	20.2	22.2	2.0	1		49	0.1

TARNEX GEOSERVICES

DRILL LOG HOLE NO. 87-8

SHEET 3 OF

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
22.7	25.0		ALT'D HORNBLENDE FELDSPAR PORPHYRY grey, siliceous, very hard, non-magnetic. except in fractures.								
			STRUCTURE - uniform, altered, C.A @ 50°								
			Alteration: moderate silicification - minor fracture filling by calcite and magnetite.	7000	22.2	24.0	1.8	½		76	0.1
				2501	24.0	26.0	2.0	2		180	0.2
			MINERALIZATION: pyrite as diss'd and stringers ± 3% overall.								
25.0	25.6		FAULT ZONE grey - clay & gravel gouge material.								
			STRUCTURE: C.A. 60°								
			Mineralization: 5% diss py.								
25.6	46.7		SILICEOUS HORNBLENDE ± QUARTZ FELDSPAR PORPHYRY grey - hard, magnetic in stringers, with subhedral phenocrysts - some areas contain hetrogenous fragments.								
			STRUCTURE: "Massive". - alt'd. - Hornblende (augite) phenocrysts are 1-3mm sub to euhedral. - Feldspar phenocrysts are well rounded and in most of section appear as 'ghosts' - Core angle is ± 45°.	2502	26	28	2.0	3		85	0.1
				2503	28	30	2.0	4		142	0.1
				2504	30	32	2.0	4		165	0.1
				2505	32	34	2.0	2		92	0.1
			Alteration: moderate to strong silicification - calcite in fractures - hair fine, minor hematite on odd fracture								
			Mineralization: 1-8% f.g. diss py throughout fine stringers of pyrite following the foliation. - magnetite is found throughout section								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 4 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
25.6	46.7		Mineralization: Con't.								
			34.0 - 35.2 - magnetic - calcite section	2506	34.0	35.2	1.2	3		98	0.1
			35.2 - 36.5 - magnetic - calcite section	2507	35.2	36.5	1.3	4		63	0.1
				2508	36.5	38.5	2.0	2		123	0.1
				2509	38.5	40.5	2.0	2		190	0.1
			40.5 - 41.5 - magnetite - banded pyrite	2510	40.5	41.5	1.0	2		195	0.1
			43.8 - 44.0. " " py. diss	2511	41.5	43.0	1.5	5		49	0.1
			45.0 - 45.6 mag. diss - py diss	2512	43.0	45.0	2.0	3		130	0.1
				2513	45.0	46.5	1.5	3		144	0.1
46.7	47.3		SILICIFIED BRITTLED ZONE								
			grey calcitic, siliceous brecciated - non-mag	2514	46.5	47.3	0.8	50%	.054	1790	12.5
			STRUCTURE: brecciated - C.A @ 40°								
			ALTERATION: Intense silicification and calcite veining.								
			Mineralization: 50-60% f.g. diss py								
47.3	50.9		SILICEOUS HORNBLENDE FELDSPAR PORPHYRY								
			light grey, very hard, moderate to strongly magnetic.								
			STRUCTURE: Massive equigranular with moderate porphyritic texture. C.A. ± 70°.	2515	47.3	49.0	1.7	3		89	0.6
				2516	49.0	51.0	2.0	1		235	0.4
			ALTERATION: moderate silicification, calcite as very fine healed fractures.								
			Mineralization: 1-2% diss py. - magnetite as stringers and diss.								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 5 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION
50.9	56.4		F.G. SILICEOUS GREEN ANDESITE very hard, light & medium grey, STRUCTURE: C.A. 50° hairline calcite stringers Alteration: light grey, moderate silicification. Mineralization: noticeable lack of magnetite, pyrite @ diss. - 1-2%.
56.4	59.8		FRAGMENTAL AUGITE PORPHYRY Dark green, hard, strongly magnetic. STRUCTURE: Fragments are 0.5 - 2cm angular and make up approximately 30% of section. C.A @ 60°. ALTERATION: minor calcite and qz. Mineralization: 1-5% pyrite as diss'd. and stringers along with magnetite. - magnetite is pervasive from 57.9 - 58.8 m.
59.8	63.8		60.2 - 60.7 - Ground Core. F.G. DARK GREEN MAF VOL. - ANDESITE hard, non-magnetic. STRUCTURE: massive, f.g. - minor porphyritic texture (augite). Fine fracturing filled by calcite and pyrite. + C.A @ 45 - 50° ALTERATION: Minor epidote on some fractures.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
2517	51.0	53.0	2.0	3		175	0.6
2518	53.0	55.0	2.0	5		132	0.6
2519	55.0	57.0	2.0	7		160	0.1
2520	57.0	58.0	1.0	2		79	0.1
2521	58.0	59.0	1.0	* 10		325	0.3

RNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 6 OF

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
59.8	63.8		Mineralization: 1-2% pyrite in stringers and as fine diss'n.
			Remarks: Upper Contact is vague and gradational.
63.8	64.7		SILICIFIED PYRITIZED ZONE hard, magnetic in places, grey, slightly brecciated.
			STRUCTURE: baked breccia, veined, C.A.@ ±0-70°
			Alteration & Mineralization: intense silicification, pyrite - 50-60% diss'd.
64.7	74.9		F-M.G DARK GREEN MAF-VOL. - ANDESITE hard, non-magnetic, weakly siliceous. pyritic
			STRUCTURE: MASSIVE - fractured, with odd 1-5mm fragments. CA. @ 55°
			Alteration - weakly silicified, minor epidote in fractures.
			Mineralization: 7-10% diss'd py - subhedral. Complete section uniformally mineralized with pyrite.
			REMARKS: minor fragmentation

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
2522	59.0	61.0	2.0	3		165	0.1
2523	61.0	63.0	2.0	3		131	0.2
2524	63.0	63.8	0.8	10		450	4.1
2525	63.8	64.7	0.9m	15	.068	2320	15.1
2526	64.7	66.5	1.8	7		250	2.1
2527	66.5	68.5	2.0	3		320	0.1
2528	68.5	70.5	2.0	7		225	0.1
2529	70.5	72.5	2.0	3		133	0.7
2530	72.5	74.5	2.0	10		180	0.9

RNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
74.9	78.2		SILICEOUS GREY H.F.P ? Andesite (fragmental) grey very hard, fine grained A.P.
			STRUCTURE: massive, fragmental. C.A. 5° - calcite fracturing.
			Alteration: moderate silicification. minor epidote, limy on fractures.
			Mineralization: pyrite as fine diss'n. throughout. 5-10% strongly magnetic from 74.9 - 75.2 m.
			Remarks 30cm of ground core between 75.0 & 76.0
78.2	86.8		F-M.G. DARK GREEN MAF. Vol. - Andesite as above. moderate silicification, - non-magnetic
			STRUCTURE: Massive: and weakly fragmental. C.A. @ 45°.
			ALTERATION: moderate silicification, -calcite and epidote in fractures.
			Mineralization: 5-10% diss'd py. 86.2 - 2cm py @ 55° pyrite is fairly uniform throughout.
86.8	90.2		SILICEOUS PIRITIZED ZONE very hard, non-magnetic, slightly brecciated probably A.P. or grey andesite.
			STRUCTURE: Fractured, calcite & pyrite healed grains banded. C.A @ ± 65°.

cont'd

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
2531	74.5	76.5	2.0	10		225	1.2
2532	76.5	78.5	2.0	4		134	0.1
2533	78.5	80.5	2.0	3		185	0.4
2534	80.5	82.5	2.0	2		141	0.1
2535	82.5	84.5	2.0	5		425	0.4
2536	84.5	86.5	2.0	4		116	0.5

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 8 OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm	
86.8	90.2		ALTERATION Cont'd									
			moderate to strong silicification.	2537	86.5	87.5	1.0	5		87	0.1	
			- Emerald green mineral as plumes - most	2538	87.5	88.5	1.0	7		230	17.7	
			strongest alteration.	2539	88.5	89.5	1.0	10	0.067	2180	5.4	
				2540	89.5	90.5	1.0	10	0.081	2410	2.5	
			Mineralization: 5 - 25% diss pyrite as									
			euhedral - 1-3mm grains and as									
			very fine grained diss.									
			- Fuchsite - emerald green mineral									
			is very hard and 'fuzzy'.									
			Appears to be a replacement									
			mineral.									
			Remarks: most intense silicification is									
			from 88.3 to 90.0 m									
90.2	109.3		GREY GREEN AUGITE FELDSPAR PORPHYRY ±									
			C.G. altd mod vol.									
			grey to dark grey green with phenocrysts									
			as fine grained and where siliceous, obliterated.									
			- This unit may be called a fine to medium									
			grained altd volcanic.									
			STRUCTURE: Rock unit is massive and fractured.									
			prominent fracture direction is 55° to C.A.	2541	90.5	92.5	2.0	3		105	0.1	
			Fracturing & bainline to 2cm wide	2542	92.5	94.5	2.0	3		102	0.1	
			and runs from parallel to 90° to C.A.	2543	94.5	95.5	1.0	×4		115	0.1	mag.
			- Generally filled by calcite but also	2544	95.5	97.5	2.0	7		92	0.1	
			by qtz pyrite and to a very	2545	97.5	99.5	2.0	5		15	0.1	
			minor extent hematite.	2546	99.5	101.5	2.0	5		38	0.1	
			- Some gouge material is located from	2547	101.5	103.5	2.0	2		33	0.1	
			100.5 - 100.8 metres - chloritic.	2548	103.5	105.5	2.0	3		49	0.1	
			- Minor fragmentation, but noticeable in	2549	105.5	107.5	2.0	4		39	0.1	
			a few places.	2550	107.5	109.5	2.0	3		27	0.1	
			ALTERATION: Some silicification -									
			- epidote as small inclusions or in									
			fractures - sparse.									
			- calcite generally in stringers									
			- some chlorite on odd slip face.									

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
90.2	109.3		Con't.								
			MINERALIZATION								
			1-2% overall pyrite as diss'n. -								
			- pyrite stringers are sparse and non-existent								
			in most of section.								
			- Massive magnetite from								
			94.8 - 95.1 m.								
109.3	109.7		FELDSPAR PORPHYRY DYKE - QUARTZ VEIN								
			Light grey, non-magnetic, altd with	2551	109.5	111.0	1.5	½		56	0.1
			6 cm. grey-white quartz vein.								
			STRUCTURE: Contacts @ 30° to C.A.								
			Mineralization - minor pyrite - qtz vein barren.								
109.7	113.2		GREY GREEN ALBITE FELDSPAR PORPHYRY ±								
			ALTERED I.C MAF. VOL.								
			as above: magnetic in stringers								
			STRUCTURE: C.A. @ 45° minor fracture								
			filling by calcite.								
			ALTERATION: weak to moderate silicification.								
			Limy surfaces and weathered calcite.								
				2552	111.0	113.0	2.0	1		68	0.1
			Mineralization: py as fine diss'n. - noticable lack								
			of pyrite stringers.								
			- Magnetite as follows:								
			111.8 - 1cm -								
			112.73 - 112.77 - 4cm diss.								
			112.9 - 0.5cm @ 55°								
113.2	115.3		SILICIFIED FRACTURE ZONE								
			l.g, grey, hard, magnetic in odd place								
			STRUCTURE: well fractured and knotted								
			by calcite, quartz and abundant								
			Chlorite								
			C.A - 55°.								

RNEX GEOSERVICES — ILL LOG — HOLE NO. 87-8 — SHEET 10 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
113.2	115.3		Con't.
			ALTERATION: moderate to intense silicification
			- numerous hairline upto 0.5cm calcite stringers.
			- chlorite is abundant on fractures and is black to dark green - 'waxy'
			Mineralization: Magnetite as diss'd. in stringers associated generally where quartz and calcite are present together.
			- pyrite is diss'd and locally up to 5%.
			* - specular hematite as diss. - platy on odd fracture - (sparse.)
115.3	120.3		ALT'D FELDSPAR PORPHYRY DYKE ?
			grey, hard, weakly magnetic.
			STRUCTURE: odd fragment of foreign material.
			- weak to moderate porphyritic texture. - Lower Contact @ 40°
			Alteration: moderate silicification. - calcite in stringers @ 40°.
			- phenocrysts are cream white and subhedral.
			Mineralization: minor diss. pyrite. <½%
			specular hem. ? as platy.
120.3	123.0		SILICEOUS RHYOLITE ± FELDSPAR PORPHYRY
			Light grey to green, hard, non-magnetic.
			STRUCTURE: fine-grained massive.
			phenocrysts are deformed and ≤1mm
			C.A. = 50° - odd F.P. fragment.
			ALTERATION: moderate silicification
			- some chlorite on fracs silicified sections.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
2553	113.0	114.0	1.0	2		104	0.2
2554	114.0	115.0	1.0	1		97	0.1
2555	115.0	117.0	2.0	2		49	0.1
2556	117.0	119.0	2.0	2		190	0.3
2557	119.0	121.0	2.0	2		215	0.2
2558	121.0	123.0	2.0	½		240	0.4

ARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 11 OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % py	ASSAYS Au oz/t	Au ppb	Au ppm
123.0	123.8		SILICIFIED FELDSPAR PORPHYRY very hard - non-magnetic, slightly brecciated. grey with rose coloured sections.								
			STRUCTURE: well defined porphyritic texture - CA - 50°	2559	123.0	123.8	0.8	10%		156	0.4
			Alteration: intense silicification with qtz stringers as prominant fracture healing mineral.								
			Mineralization: 5-20% c.g. euhedral pyrite.								
123.8	125.7		FAULT ZONE - GOUGE Grey-green clay & sand gouge with broken core - ROCK UNIT IS PROBABLY RHYOLITE PORPHYRY.								
			STRUCTURE: 123.8 - 124.7 - clay and sand gouge. Upper contact ≈ 60° (?) 124.7 - 125.7 - broken core and rubble.								
			Mineralization: ½ - 1% py in rubble. gouge material is talcose and contains highly weathered brickred mineral (hematite?).								
			Remarks: Core recovery: 123.8 - 124.7 - ±60cm 124.7 - 125.0 - ±20cm 125.0 - 125.7 - 40cm 63% core recovery	2560	123.8	126.0	2.2	½		335	0.2

ORNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 12 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Fsb % py	ASSAYS Ag oz/t	ASSAYS Au ppb	ASSAYS Ag ppm
125.7	130.5		SILICEOUS AUGITE ± FELDSPAR PORPHYRY								
			as above.								
			STRUCTURE: weak porphyritic texture - C.A. 45°-50°	256:1	126.0	128.0	2.0	½		430	0.1
				256:2	128.0	130.0	2.0	½		320	0.1
			Alteration: moderate silicification								
			Mineralization ½ - 1% py diss.								
			Remarks: broken core from 128.5 - 128.9, 130.0 - 130.5, 90% recovery.								
130.5	132.3		FAULT ZONE - GOUGE								
			Broken core and gouge, -siliceous augite or feldspar porphyry.								
			STRUCTURE - broken, rubble gouge. sandy gouge material from - 131.0 - 131.15 C.A. - 50°	256:3	130.0	131.0	1.0	1		410	0.6
				256:4	131.0	132.3	1.3	½		58	0.2
			Alteration - chlorite - talcose - limy -								
			Mineralization: pyrite as fine diss. - ½% acicular specular hematite associated with calcite & quartz veining								
			Remarks: Core recovery: - 75%								
132.3	137.5		LIGHT FELDSPAR PORPHYRY very hard, weak to moderately magnetic.								
			STRUCTURE: well defined porphyritic texture. - 1-5mm feldspar phenocrysts - subhedral - contacts gradational. - C.A. @ 40°. -								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-8 — SHEET 13 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
132.3	137.5		ALTERATION: moderately silicified from 132.3 - 133.0m.								
				2565	132.3	134.0	1.7	½		108	0.1
				2566	134.0	136.0	2.0	½		275	0.6
			Mineralization: f.g. diss py - ½ - 1% -odd stringer. sparse	2567	136.0	138.0	2.0	1-2		220	0.1
137.5	145.4		ALTERED SILICEOUS FELDSPAR PORPHYRY grey - weakly magnetic - very hard.								
			STRUCTURE: 'massive' with moderately defined porphyritic texture. phenocrysts are anhedral 'ghosts' or completely destroyed. C.A. - 45-50°	2568	138.0	140.0	2.0	1	.047	1520	1.7
				2569	140.0	142.0	2.0	3		142	0.6
				2570	142.0	144.0	2.0	3		117	0.5
				2571	144.0	146.0	2.0	3		305	0.6
			* - Brecciated; qtz leached from: 140.0-142.8m								
			ALTERATION: moderate to intense silicification minor calcite stringers. - some blotchy rose coloured alteration.								
			Mineralization - pyrite is diss'd - sparse ½% also found in very thin hairline fractures. - some chlorite in fractures.								
145.4	146.3		FINE GRAINED ANDESITE dark green, hard, non-magnetic								
			STRUCTURE: massive, C.A. @ 55° calcite filled hairline fractures								
			Mineralization - chlorite on fractures - ½ - 1% pyrite diss'd.								
146.3	148.6		ALT'D FINE GRAINED ANDESITE Similar to section 145.4-146.3 but contains concretions of dark green mafic mineral with a nucleus of pyrite and epidote. These concretions are from 1mm - 1cm and irregular in shape although tend to be rounded.								

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % py	ASSAYS Au oz/t	ASSAYS Au ppb	ASSAYS Ag ppm
146.3	148.8		Con't.								
			STRUCTURE: MASSIVE - C.A @ 50°	2572	146.0	148.0	2.0	3		245	0.3
			Alteration: in the form of concretions. approximately 5% of unit.								
			Mineralization: pyrite, magnetite, epidote located together or separately in concretions. - pyrite also as finely diss.'d 1%								
148.8	153.8		SILICEOUS - BRECCIATED - CHERTY ANDESITE grey, very hard, non-magnetic.								
			STRUCTURE: massive, fractured and brecciated. C.A. ≈ 40° - 45° Section 152-153.0 is same as 142.0 - 142.8 m. (Feldspar, quartz healing)								
			Alteration: moderate to intensely silicified. no indentifiable phenocrysts - Feldspar, quartz and calcite in fractures - minor chlorite	2573	148.0	150.0	2.0	7		139	0.4
				2574	150.0	152.0	2.0	4		50	0.1
				2575	152.0	153.0	1.0	4		205	0.5
			Mineralization: <1% diss'd. py-bornite								
			Remarks: This section contains small amounts of cherty material not seen in previous holes.								

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
153.9	156.36		GREY GREEN F.G. ANDESITE								
			very hard, magnetic in stringers.	25716	153.0	155.0	2.0	3		119	0.6
				25717	155.0	156.36	1.36	4		57	1.6
			STRUCTURE: MASSIVE with calcite filled hairline to 5mm fractures. C.A. 40°								
			Alteration: minor silicification								
			Mineralization: 2-3% diss pyrite throughout - pyrite and magnetite in add stringer.								
			Remarks: appears to be end of silicified section.								
156.36			END OF HOLE.								
			Casing removed. uncemented.								
			-REMARKS: This hole appears to increase in alteration to depth well the mineralization increases.								
			-NOTE: specular hematite seen. - andesite appears to center to the Northeast of the creek zone. - increase in magnetite to the east - decrease in epidote. - increase in faulting and gouge.								

TARNEX GEOSERVICES — LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-9

SHEET ___ OF ___

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
MT. MILLIGAN	MacKenzie	90°	Feb. 26, 1987
PROJECT	~~LOT & CONC.~~ Mining Division	DIP	DATE COMPLETED
87-4	OMINECA	-45°	Feb 28, 1987
~~CLAIM NO.~~	CO-ORDINATES.	LENGTH	DRILLED BY
CREEK ZONE	6.5m from SP-86-4	108.05m (354.5')	Quest Canada Drilling Ltd.
~~GRID NO.~~ Section		COLLAR ELEV.	LOGGED BY
9875N	@ 92.60°		D.N. Windsor

CORRECTED DIP TESTS

47.9	45°		
96.6	43°		

LOCATION SKETCH OF HOLE

O.F.

To

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
			To Test: STRUCTURE North and west of 'CREEK ZONE'
0	1.0		Casing
1.0	4.7		BROKEN - Grey FRAGMENTAL - ANDESITE ± A.P more-magnetic, hard.
			STRUCTURE: Core is broken fragments of U.F.P.- A.P and ANDESITE. up to 3cm- and sharp edges. C.A- 70°.
			Alteration: minor silicification. rusty.
			Mineralization: py as diss'n. and platy on surfaces - oxidized. 1 - 3%
			Remarks : Core recovery 75%
4.7	22.9		FRAGMENTAL CREAM-GREEN ANDESITE ± A.P grey, hard, magnetic in stringers
			STRUCTURE: massive - fragmental. fragments of U.F.P, A.P and AND up to 3cm fracture filling by calcite minor py & trace of minor specks

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
2578	1.0	3.0	2.0	3		77	0.1
2579	3.0	5.0	2.0	3		117	0.1
2580	5.0	7.0	2.0	5		83	0.1
2581	7.0	9.0	2.0	5		75	0.1
2582	9.0	11.0	2.0	6		91	0.1
2583	11.0	13.0	2.0	3		50	0.1
2584	13.0	15.0	2.0	5		250	0.5
2585	15.0	16.0	1.0	3		116	0.1

TARNEX GEOSERVICES

DRILL LOG HOLE NO. 87-9

SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
4.7	22.9		Cont.								
			Alteration: epidote in fractures - minor chlorite.								
			Silicification as follows:								
			16.0 - 16.3m - intense - grz - chcty	2586	16.0	17.0	1.0	10		168	0.3
			py - 10%	2587	17.0	19.0	2.0	4		43	0.1
			Mineralization: 1-5% pyrite as	2588	19.0	21.0	2.0	2		44	0.1
			fine + coarse grained diss	2589	21.0	23.0	2.0	4		74	0.2
			also in stringers - up to 5mm wide								
			- minor magnetite in stringers.								
			- epidote in stringers								
22.9	25.0		GREY ALTERED AUGITE PORPHYRY								
			Similar to unit 4.7 to 22.9m but lacks								
			fragments and phenocrysts are prevalent.								
			non-magnetic host.								
			STRUCTURE: C.A. 45°	2590	23.0	25.0	2.0	2%		117	0.2
			ALTERATION: moderate silicification								
			- minor epidote in stringers								
			- calcite in stringers.								
			Mineralization: 2% pyrite - mainly in stringers								
25.0	29.7		DARK GREEN to GREY AUGITE PORPHYRY - (Bottom Core)								
			hard, non-magnetic								
			STRUCTURE: Core is shattered and crumbly								
			from 26.5 to 29.0 -								
			minor fragmentation.								
			C.A. ± 55-60°	2591	25.0	27.0	2.0	1		108	0.5
			fracture filling by qtz and calcite	2592	27.0	29.0	2.0	2		205	0.6
			Alteration: moderate silicification from 26.5-29.0.								
			MINERALIZATION: pyrite as diss. and as hairlines								
			stringers. - 1-2%								
			Remarks - Core Recovery - 80%								

TNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-9

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
34.0	40.0		DARK-GREEN-GREY - AUGITE PORPHYRY ± F.P. section is hard, and contains abundant magnetite in sections up to ≈20 cm - hard.-								
			STRUCTURE: massive with weak porphyritic texture and vague outline of dark mafic fragments; (weak brecciation) C.A - ± 65°.								
			Alteration: minor silicification - calcite and white feldspar in stringers - magnetite								
			Mineralization: subhedral m.g. diss pyrite - 5-10% overall. - abundant magnetite + pyrite as follows.								
			34.1 - 34.7 - 20% py + mag.	2596	34.0	35.0	1.0	10		245	0.6
			36.2 - 36.3 - diss mag. 5% py	2597	35.0	37.0	2.0	4		116	0.3
			38.8 - 38.9 - diss mag - 10%	2598	37.0	39.0	2.0	2		140	0.3
			39.6 - 40.0 - 5% mag, 20% pyrite with quartz and calcite	2599	39.0	40.0	1.0	3		345	0.9
40.0	42.5		ALTERED FELDSPAR PORPHYRY grey, hard, non-magnetic								
			STRUCTURE: moderate porphyritic texture - phenocrysts are 1-2mm and are fuzzy on edges.	2600	40.0	42.0	2.0	2		440	0.6
			Alteration: minor silicification.								
			Mineralization. 1-2% diss pyrite.								
42.5	43.4		GREY MAFIC DYKE hard, non-magnetic, fine grained								
			STRUCTURE: Upper contact @ 35° lower contact vague.								
			Mineralization: 2-3%								

RNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-9 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
43.4	48.4		ALTERED FELDSPAR PORPHYRY as above.								
			STRUCTURE: weak to moderate porphyritic texture minor fragmentation. calcite filling in fractures. C.A@ 60°								
			Alteration: moderate silicification some quartz flooding but minor. - phenocrysts are subhedral. - Siliceous zone from 43.4 - 43.8 - contains chlorite 'crystals' in qtz & calcite - diss py - 4%	2601	42.0	44.0	2.0	1		112	0.2
			MINERALIZATION: diss'd magnetite @ 45.8 - 46.6 ≤ 3% diss py throughout	2602	44.0	46.0	2.0	1		195	0.7
			- pyrite stringers from 48.1 - 48.3 10%	2603	46.0	48.0	2.0	2		210	1.0
			Remarks: fine grained grey dyke 47.4 - 47.8 -								
48.4	50.7		GREY FELDSPAR PORPHYRY hard, weakly magnetic								
			STRUCTURE: porphyritic - euhedral feldspar phenocrysts > 3mm.	2604	48.0	50.0	2.0	4		220	0.3
			Mineralization: ½ - 1% fg. diss py								
50.7	51.6		DARK GREY MAFIC DYKE hard, non-magnetic.								
			STRUCTURE: Contacts @ 50° to C.A. - numerous white quartz filled fracture.	2605	50.0	52.0	2.0	4		78	0.4
			Mineralization: 1% very fine diss'd py.								

TARNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-2 87-9

FOOTAGE FROM	FOOTAGE TO	SECTION I"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
51.6	53.4		GREY FELDSPAR PORPHYRY								
			as above. non-magnetic								
			STRUCTURE: porphyritic - euhedral & subhedral feldspar phenocrysts - 1-3mm. C.A. ± 50°	J606	52.0	54.0	2.0	1		605	0.9
			Alteration: minor silicification. - calcite and qtz stringers.								
			Mineralization - f.g. diss'd py - 1%								
53.4	70.3		SILICEOUS GREY ANDESITE very hard; non-magnetic (to strongly magnetic in very fine grained. places)								
			STRUCTURE: massive with numerous fractures. approaching brecciation - appears to have had at least two periods of fracturing - fractures are filled with quartz, calcite and dark grey - black mineral, (probably chlorite) - also appreciable amounts of hematite in hair line fractures - streaks bright red. - Core Angle is ± 45-60° - Core is also breaking with zones of 'gouge' material @ 53.71 - 53.80 - clay + sand 57.7 - 57.8 - sand.	2607	54.0	56.0	2.0	1/2		36	0.4
				2608	56.0	58.0	2.0	2		8	0.1
				2609	58.0	60.0	2.0	1/2		2	0.1
				2610	60.0	62.0	2.0	1/2		43	0.1
				2611	62.0	64.0	2.0	1/2		4	0.1
				2612	64.0	66.0	2.0	1/2		8	0.1
				2613	66.0	68.0	2.0	1/2		6	0.1
				2614	68.0	70.0	2.0	1/2		7	0.1
			- Biotite is very fine grained and makes up 5% of rock unit.								
			Alteration: moderate to intense silicification chloritic - talcose on fractures - sericite? - Intense silicification 59.1 - 59.3 - Sr. - tale minor pyrite 67.0 - 67.3 - veining - intense - with 2% hem and py								

.RNEX GEOSERVICES — ILL LOG HOLE NO. 87-9 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
53.4	70.3		Con't
			Mineralization: pyrite content is probably ~1.5% and as seen as disseminated.
			- Hematite appears to be the prominent form of mineralization although it is found only in stringers averaging hairline to 1mm.
70.3	75.1		SILICEOUS 'HEMATITIC' GREY ANDESITE - 'BRECCIA'
			GOUGE
			moderately hard to soft, non-magnetic.
			STRUCTURE: numerous fractures give this unit a brecciated appearance although it lacks true fragmentation or pattern. Core angle appears to be 60° but may be less.
			Alteration: Moderate to strong silicification.
			- contains appreciable amounts of chlorite which is noted in fractures as a dark-green to black mineral.
			- very few stringers of calcite and most stringers are 'milky' white qtz. ± feldspar
			Mineralization: numerous hairline stringers of hematite which streak bright red. These stringers make up ±2% of the rock mass.
			pyrite is sparse & non-existent.
			REMARKS: GOUGE ± fault zone from 73.6 - 75.1m.
			Core recovery from 73.6 - 75.1 is ±65%

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
2615	70.0	71.0	1.0	½		5	0.1
2616	71.0	72.0	1.0	½		3	0.1
2617	72.0	73.0	1.0	½		1	0.1
2618	73.0	75.0	2.0	½		1	0.1

RNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-9 — SHEET ___ OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
75.1	92.7		SILICEOUS GREY ANDESITE								
			as above: dark to light grey - very hard, weak to moderately magnetic throughout	2619	75.0	77.0	2.0	1/2		1	0.1
				2620	77.0	79.0	2.0	1/2		1	0.1
			STRUCTURE: Massive with numerous milky white	2621	79.0	81.0	2.0	1/2		1	0.1
			medium to coarse grained feldspar? filled fractures	2622	81.0	83.0	2.0	1/2		1	0.1
			(fracture filling scratches with knife	2623	83.0	85.0	2.0	1/2		3	0.1
			but does not react with HCL)	2624	85.0	87.0	2.0	1/2		1	0.1
				2625	87.0	89.0	2.0	1/2		1	0.1
			C.A 15 - 60°	2626	89.0	91.0	2.0	1/2		4	0.1
				2627	91.0	93.0	2.0	1/2		1	0.1
			Alteration: moderate - strong silicification								
			+ chlorite, hematite and feldspar ?								
			- quartz in baseline to 2mm fractures								
			- strongest silicification occurs where								
			hematite, chlorite, and feldspar filled								
			fractures are pervasive. The result is								
			a bleaching of host rock. - In places								
			it leaves a blotchy texture.								
			- Crystal structures of alteration minerals								
			are aphanitic								
			- SILICIFIED - 'CHERTY' slightly brecciated								
			section from 88.7 - 89.6 m.								
			Mineralization: fine grained hematite in fractures								
			- sparse compared to section 73.0 - 75.1								
			- pyrite is seen as very fine grained								
			and almost non-existent.								
			Remarks: Relatively little fracture core although								
			this section breaks easily.								

INEX GEOSERVICES — DRILL LOG — HOLE NO. 87-9 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
92.7	96.0		SILICEOUS 'HEMATITIC' GREY ANDESITE								
			as above - less fractured. non-magnetic.								
			soft - scratches will knife	2628	93.0	95.0	2.0	<1/2		2	0.1
				2629	95.0	97.0	2.0	<1/2		56	0.2
			STRUCTURE: massive - fractured - fracturing in all directions. C.A. - 60°								
			Alteration: moderate to strong silicification fracture filling by feldspar - qtz - chlorite and hematite.								
			Mineralization: 1-2% hematite as fine grained in stringers. - minor pyrite <1/2%								
96.0	99.2		SILICEOUS BRECCIATED F.P on ANDESITE - GOUGE								
			grey, medium hard, non-magnetic	2630	97.0	99.0	2.0	2		27	0.2
			STRUCTURE: 96.0 - 96.3 - shattered chloritic gouge: - Brecciated fragmental - well fractured. C.A @ 60°								
			Alteration: strong silicification. - chloritic - - qtz - flooding - milky white.								
			Mineralizations: minor pyrite and hematite								

NEX GEOSERVICES — DRILL LOG — HOLE NO. 87-9 — SHEET 10 OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	Au oz/t	Au ppb	Ag ppm	Cu ppm
99.2	108.05		ALTERED - SILICIFIED - QUARTZ STOCKWORK - EPIDOTIC									
			OLIVE GREEN, non-magnetic, med. hard - scratches w knife	2631	99.0	100.00	1.0	5		62	0.3	416
				2632	100.0	101.0	1.0	5		15	0.2	292
			STRUCTURE: upper contact @ 60°	2633	101.0	102.0	1.0	10		108	1.1	2712
			- numerous grey and off white qtz veins.	2634	102.0	103.0	1.0	10		84	1.0	1609
			- numerous pyrite blebs gives unit a	2635	103.0	104.0	1.0	20		156	0.9	2566
			porphyritic texture.	2636	104.0	105.0	1.0	10		122	1.0	2457
			- qtz grains 1mm can be seen in	2637	105.0	106.0	1.0	10		169	0.6	1125
			places using hand lenses.	2638	106.0	107.0	1.0	20		230	0.8	2077
			- Core reacts readably with HCL. acid	2639	107.0	108.5	0.9	15		155	0.5	1761
			Section from 100.0 to 100.8 is									
			very fine grained and lacks stockwork									
			* - Fracture filling by grey qtz is									
			in all directions whereas white									
			stringers are prevalent @ 60° - These									
			white stringers cut the grey quartz									
			ALTERATION: Intense silicification due to fracture									
			filling by quartz.									
			- Waxy mineral on fractures is									
			soft and at some points, a deep									
			yellow (ie Serpentine - epidote)									
			- calcite in fractures and surrounds									
			pyrite - difficult to see but 'fizzy'									
			Mineralization: Pyrite is fine to medium									
			grained & diss'd. - anhedral.									
			- it is very fine grained in									
			grey - qtz veins and is approximately									
			20% finely diss'd in rest of									
			core.									
			* - odd bleb or grain of bright									
			emerald green malachite.									
[illegible]			END OF HOLE									
			REMARKS: Casing removed.									
			uncemented.									
			sampled completely.									
			[illegible]									

TARNEX GEOSERVICES LINCOLN RESOURCES INC.

DRILL LOG HOLE NO. 87-10

SHEET ___ OF ___

PROPERTY: Mt. MILLIGAN	TP OR AREA: MACKENZIE	AZIMUTH: 75°	DATE STARTED: Feb 28th 1987	CORRECTED DIP TESTS: 47.9	63°			LOCATION SKETCH OF HOLE: O/K.	
PROJECT: 87-4	~~CLAIM NO.~~ ONINEGA Mining Division	DIP: -65°	DATE COMPLETED: MAR. 2nd 1987	151.5	62°				
~~CLAIM NO.~~: ESKER ZONE	CO-ORDINATES: 5m West at 90°	LENGTH: 185.0m (607')	DRILLED BY: Quest Canada Drilling Ltd	185.01	62°				
GRID NO.: Section 100+00N	from DDH 87-1	COLLAR ELEV.	LOGGED BY: D.M. Windsor						

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=s	DESCRIPTION
			To Test - gold bearing zone at depth
0	3.5m		Casing:
3.5	10.5		Grey - Green - ALTERED - AUGITE PORPHYRY - hard, non-magnetic -
			STRUCTURE: well defined porphyritic texture - dark green 1-3mm augite subhedral phenocysts in a fine grained slightly siliceous matrix. C.A.@ 30°
			Alteration: moderate silicification - minor calcite in stringers and on fractures. - also calcite.
			Mineralization - odd hairline stringer of chlorite and calcite containing pyrrhotite. - pyrite is non-existant
10.5	13.0		SILICEOUS - HORNBLENDE FELDSPAR PORPHYRY. dark grey, hard, non-magnetic.
			STRUCTURE: feldspar phenocrysts are light grey subhedral 1-1.5mm. - hornblende is fn and subedral. C.A. 35°
			Alteration: weak to moderate silicification.
			Mineralization: very fine diss pyrite - 1½%

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
2640	3.5	5.5	2.0	3		8	0.1
2641	5.5	7.5	2.0	3		15	0.1
2642	7.5	9.5	2.0	4		28	0.1
2643	9.5	11.5	2.0	2		4	0.1
2644	11.5	13.0	1.5	6		1	0.1

TAC X GEOSERVICES — DRILL LOG — HOLE NO. 87-10 — SHEET ___ OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est %	ASSAYS Au oz/t	Au ppb	Ag ppm
13.0	15.3		SILICIFIED PYRITIZED ZONE grey, hard, magnetic. STRUCTURE: fracture filling by calcite and qtz in all directions. C.A. 30°. Alteration: intense silicification – minor chlorite Mineralization: Pyrite as diss'n up to 10% and as stringers and massive sections up to 50%. 14.9 – 15.6 – 50%	2645	13.0	14.0	1.0	15		53	1.3
			*	2646	14.0	15.0	1.0	30		420	4.4
15.3	22.5		FRAGMENTAL EPIDOTIC AUGITE PORPHYRY hard, non-magnetic., grey-green STRUCTURE: Unit contains lithic fragments of H.F.P up to 5cm – angular to subangular. C.A. – 50° ALTERATION: moderate silicification strongest from – 15.9 – 16.8 with minor chlorite and 15% pyrite – strong epidote alteration as blebs up to 6cm – carbonate alteration (calcite) except on fragments. Mineralization: 15.9 – 16.8 – 15% diss and stringers – 5-10% diss m-c.g euhedral pyrite in rest of section. minor brick red hematite on odd fracture	2647	15.0	17.0	2.0	10		83	0.8
				2648	17.0	19.0	2.0	10		485	6.1
				2649	19.0	21.0	2.0	6		340	5.1
				2650	21.0	22.5	1.5	7		78	1.2

TAC X GEOSERVICES — DRILL LOG — HOLE NO. 87-10 — SHEET 3 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"= m	DESCRIPTION
225	23.1		PYRITIZED SILICIFIED ZONE
			grey, hard non-magnetic
			STRUCTURE: C.A. @ 40°
			Alteration: Intense silicification
			- calcite as blebs and in fractures.
			Mineralization: Massive PYRITE 760%
23.1	35.9		FRAGMENTAL EPIDOTIC AUGITE PORPHYRY
			as above
			STRUCTURE: Fragmental with calcite stringers
			C.A @ 45°
			Alteration: minor silicification
			- intense epidotization
			as blotches and pervasive
			- 25.2-25.9 - intense
			- minor chlorite.-
			MINERALIZATION: 5-10% diss pyrite throughout
			Massive stringers as follows
			23.5 - 3cm @ 90° massive
			24.06 - 1cm @ 65° "
			25.8 - 1cm @ 90° "
			27.1 - 2cm @ 65° "
			28.0 - 2cm @ 65° "
			30.4 - 1cm @ 85° "
			31.4 - 1cm @ 25° massive & diss
			34.0 - 2cm @ 65° massive.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au oz/t	Au ppb	Ag ppm
2651 *	225	23.1	0.6m	60%	.268	9240	39.8
2652	23.1	25.0	1.9	8		73	6.7
2658	25.0	27.0	2.0	10		28	0.9
2654	27.0	29.0	2.0	10		215	1.1
2655	29.0	31.0	2.0	10		135	1.4
2656	31.0	33.0	2.0	10		34	0.2
2657	33.0	34.5	1.5	6		76	0.6
2658	34.5	36.0	1.5	15		34	0.1

TEX GEOSERVICES — DRILL LOG — HOLE NO. B7-10 — SHEET 4 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au oz/t	Au ppb	Ag ppm
35.9	37.4		SILICIFIED PYRITIZED ZONE very hard, non-magnetic - grey-pale green STRUCTURE: C.A. 50° - fractured - filled by calcite - appearance is brecciated, although degree of alteration masks this. Alteration: Intense silicification fracture filling by calcite, and dark grey mineral - -Calcite is hard & strong HCL reaction *- yellow brown mineral is found associated with calcite - it is soft (scratched by knife) and has a sugary texture under hand lens. Mineralization: Pyrite is f-g.g anhedral & euhedral and disseminated. 20 - 40% and pervasive.	2659 *	36.0	37.4	1.4m	20	.081	2760	72.1
37.4	40.6		FRAGMENTAL SILICEOUS AUGITE PORPHYRY as above but lacks epidote alteration. STRUCTURE: C.A 50° calcite in fractures but fracturing is limited Alteration: minor silicification except @ 39.2 - 39.5 - intense - pyrite - 35-40% C.A @ 30° Mineralization: pyrite as diss - 5-10%	2660 2661 *	37.4 39.0	39.0 40.6	1.6 1.6	15-20 20	.042	1350 415	57.5 1.8

TEX GEOSERVICES — DRILL LOG — HOLE NO. 87-10 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
40.6	44.8		SILICEOUS PYRITIZED ZONE - A.P. hard, non-magnetic - grey.
			STRUCTURE: C.A. @ 50° minor fracture filling by calcite
			ALTERATION: strong silicification - qtz. flooding minor epidote as blotches.
			Mineralization: 30-40% m-c.g. pyrite as diss'n. and in places massive.
			Remarks: minor fragmentation
44.8	55.2		FRAGMENTAL EPIDOTIC AUGITE PORPHYRY as above: non, magnetic
			STRUCTURE - Fragmental, mottled. C.A. 40-50°
			Alteration: strong epidote alteration as blotches and pervasive. - calcite as pervasive in strongest alteration - minor silicification
			Mineralization: diss'd pyrite - 5-10% also as stringers and platey on some fracturs. - 50.3 - 50.45 - massive @ 50° hematite in fine hairline stringers in section 52.9 - 53.4. - brick red.
			Remarks - odd section of broken core

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY.	ASSAYS Au oz/t	Au ppb	Au ppm
2662	40.6	42.0	1.4	20	.049	1750	7.3
2663	42.0	43.5	1.5	20		825	9.9
2664	43.5	45.0	1.5	20	.048	1620	79.0
2665	45.0	47.0	2.0	30 *		64	0.7
2666	47.0	49.0	2.0	10		118	1.0
2667	49.0	51.0	2.0	10		260	0.6
2668	51.0	53.0	2.0	6		72	0.5
2669	53.0	55.0	2.0	8		123	0.5

TA[illegible]EX GEOSERVICES · D[illegible]L LOG HOLE NO. 87-10

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
35.2	56.2		Acicular H.F.P DYKE pale green, hard non-magnetic. STRUCTURE: Upper Contact @ 60° to C.A. - core is broken from 55.7m to end. - acicular hornblende phenocrysts up to 5cm long. - feldspar phenocrysts are as ghosts Alteration: moderate silicification - epidote as hornblende near top of section Mineralization: pyrite as stringers 5%
56.2	58.0		SILICIFIED ACICULAR H.F.P. DYKE? broken - shattered core grey, non-magnetic STRUCTURE: crumbled core. - calcite - pyrite filled fractures. Mineralization & Alteration - strong silicification pyrite - 20% diss'd. Remarks: Core Recovery 75%
58.0			FRAGMENTAL EPIDOTIC AUGITE PORPHYRY hard, grey-green., non-magnetic STRUCTURE: Massive - fragmental. fragments up to 5cm - subangular to angular. C.A. @ 45-50°

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au	Au ppb	Ag ppm
					0.2		
2670	55.0	56.0	1.0	.5		350	0.7
2671	56.0	58.0	2.0	20	.051	1260	4.4

TAMEX GEOSERVICES — DRILL LOG — HOLE NO. 87-10 — SHEET 1 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH M.	Est % Py	ASSAYS Au oz/t	Au ppb	Ag ppm
58.0	94.0		cont'd.								
			Alteration: moderate epidote alteration - epidote as blotches and pervasive	2672	58.0	60.0	2.0	5		88	0.6
				2673	60.0	62.0	2.0	10		52	0.3
				2674	62.0	64.0	2.0	5		39	0.1
				2675	64.0	66.0	2.0	6		17	0.2
				2676	66.0	68.0	2.0	10		61	0.2
				2677	68.0	70.0	2.0	5		225	0.1
			Mineralization: blebs of diss'd pyrite - 5-10% throughout and small stringer.	2678	70.0	72.0	2.0	3		62	0.1
				2679	72.0	74.0	2.0	8		46	0.2
			- Hematite in odd haicline fracture starting @ 74.8 - 94.0	2680	74.0	76.0	2.0	5		98	0.3
				2681	76.0	78.0	2.0	3		165	0.8
			-87.8 - brick red stringer. 0.5cm. hem.	2682	78.0	80.0	2.0	4		74	0.9
				2683	80.0	82.0	2.0	3		73	0.5
				2684	82.0	84.0	2.0	3		42	0.3
				2685	84.0	86.0	2.0	5		58	0.5
				2686	86.0	88.0	2.0	1-4		26	0.5
				2687	88.0	90.0	2.0	10		23	0.2
				2688	90.0	92.0	2.0	15		11	1.7
				2689	92.0	94.0	2.0	4		150	1.8
94.0	106.8		FRAGMENTAL EPIDOTIC AUGITE PORPHYRY - MAGNETITE as above w magnetite stringers.								
			STRUCTURE: Fragments not as abundant as some uphole units. - C.A. - 45-50°								
			ALTERATION: moderate silicification epidote pervasive - minor hematite + calcite on fractures.								
			Mineralization - diss'd pyrite throughout 5-10% magnetite pyrite stringers + veins as follows:	2690	94.0	96.0	2.0	5		735	1.8
			96.6 - 96.8 - mass. pyrite - 5% mag w bright green epidote	2691	96.0	97.0	1.0	+10		295	1.5
				2692	97.0	99.0	2.0	4		175	1.1
			104.87 - hem stringer 50-50 magpy @ 25°	2693	99.0	101.0	2.0	7		285	3.1
				2694	101.0	103.0	2.0	5		165	3.0
				2695	103.0	104.2	1.2	1.		150	2.0

TAHNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-10 — SHEET 5 OF ___

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	Ag ppm
91.0	106.8		Mineralization Con't. 106.0 - 2cm - mass py - - 10% mag @ 30° t. C.A.	2696	104.5	105.5	1.0	6		38	0.3
			106.35 - 0.5cm @ 40° 50-50 mag - py 5-10% blebs of pyrite upto 3mm throughout.	2697	105.5	106.5	1.0	10		215	0.9
			Remarks: 95.4 - 96.1 - H.F.P Dyke Contact @ 45°								
106.8	108.8		SILICEOUS H.F.P DYKE grey, hard, non-magnetic	2698	106.5	108.8	2.3m	2		88	0.4
			STRUCTURE: Contacts @ 60°.								
			Alteration - some epidote replacement of phenocrysts silicification is moderate - most phenocrysts are euhedral.								
			MINERALIZATION: pyrite is 3% - diss'd throughout - odd py stringer								
			REMARKS: 4cm fragment of fine grained mat. @ 107.0m - angular.								
108.8	109.3		SILICIFIED RHYOLITE PORPHYRY grey, pyritic, magnetic in stringers. hard. to soft on fractures.								
			STRUCTURE: C.A. @ 50° sheared, broken.								
			Alteration: Intense silicification. Chlorite ± sericite.								
			Mineralization, magnetite and pyrite as stringers and fine diss'd. 10-1 py to mag - overall 20% pyrite	2699	108.8	109.5	0.7	20		460	2.2

TEX GEOSERVICES — DRILL LOG — HOLE NO. 87-10 — SHEET 2 OF —

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
109.3			FRAGMENTAL AUGITE PORPHYRY, MAGNETITE - EPIDOTE green epidote as blotches: but not as pervasive as above sections of same rock unit. Section is non-magnetic except where stringers of magnetite occur.
			STRUCTURE: fragmental. calcite stringers are sparse C.A. @ 30 - 40°
			Alteration: Epidote as blotches giving unit a mottled appearance. Very minor silicic alteration. - brick red hematite staining on some fractures.
			MINERALIZATION: Pyrite is f-c.g and makes up approximately 10% of unit although is as high as 20% in places - pyrite stringers are sparse except where magnetite stringers occur. MAGNETITE is massive in stringers as follows:
			113.1 - 0.5cm - @ 50° - 1.5-1 py t mag.
			117.3 - 1cm - @ 30° - 1-1 py t mag.
			117.7 0.5cm @ 30° - 1-1 " "
			117.9 - 1cm @ 30° - 10 - 1 py t mag
			118.26 - 0.5cm @ 65° - 5-1 py t mag
			118.6 - 1cm @ 25° - 3-1 py t mag
			120.4 - 1cm @ 80° - 1-1 py t mag
			121.4 - 0.5cm @ 30° - 70-1 py t mag
			123.6 - 1cm @ 70° - mass mag
			133.34 - .30m @ 45° - Vein with cal + py - mg. is acicular when intruding qtz.
			137.16 - 1cm - mass mag @ 80° -
			141.75 - 2cm - mag py & cp -
			144.40 0.5 - 85° - mass mag.

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
2700	109.5	111.5	2.0	2		97	0.9
2701	111.5	113.5	2.0	3		62	1.0
2702	113.5	115.5	2.0	4		82	0.4
2703	115.5	116.1	0.6	2		38	0.3
2704	116.1	118.0	1.9m	4		435	0.8
2705	118.0	119.0	1.0	3		92	1.6
2706	119.0	121.0	2.0	4		185	2.9
2707	121.0	123.0	2.0	4		74	1.0
2708	123.0	125.0	2.0	3		97	2.3
2709	625.0	127.0	2.0	3		195	1.6
2710	127.0	129.0	2.0	15		42	1.8
2711	129.0	131.0	2.0	20		34	1.9
2712	131.0	133.0	2.0	10		295	3.0
2713	133.0	133.5	0.5	4		685	1.4
2714	133.5	135.5	2.0	10		175	20
2715	135.5	137.0	1.5	5		425	7.7
2716	137.0	138.0	1.0	7		935	17.2

TA[illegible]EX GEOSERVICES — DRILL LOG — HOLE NO. 87-10

FOOTAGE FROM	FOOTAGE TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (metres)	Est % PY	Au g/t	Au ppb	Ag ppm
109.3	145.9										
				2717	138.0	140.0	2.0	7		155	3.2
				2718	140.0	142.0	2.0	4		235	1.0
				2719	142.0	144.0	2.0	6		185	1.5
			Remarks: Augite Por. dy - @ 45° t C.A 124.6 - 124.9	2720	144.0	146.0	2.0	4		81	1.1
			Gouge ō epidote 1cm 123.8								
			- 143.9 - 144.6 - intense epidote alteration -								
145.9	149.0		SILICIFIED HORNBLENDE FELDSPAR PORPHYRY								
			hard, grey -, non-magnetic.								
			STRUCTURE: weak porphyritic texture fracture filling by calcite and moderate chlorite. C.A @ ±60°?								
			Alteration: moderate to intense silicification. qtz - flooding from 147.0 - 147.6 (cal-chl-qtz-py)								
			Mineralization: pyrite as finely diss'd and								
			small blebs. average 1-5%	2721	146.0	147.0	1.0	.5		93	1.1
			- 147.0 - 147.6 - pyrite is banded	2722	147.0	148.0	1.0	*5		75	1.3
			with calcite and dark green chlorite	2723	148.0	149.0	1.0	2		112	
149.0			FRAGMENTAL AUGITE PORPHYRY (EPIDOTE)								
			hard, grey - dark green - mottled.								
				2724	149.0	151.0	2.0	3		72	1.2
			STRUCTURE: C.A - 35° - 40°	2725	151.0	153.0	2.0	2		155	1.6
			Fragmental. hairline calcite filled	2726	153.0	155.0	2.0	10		410	7.0
			fractures	2727	155.0	157.0	2.0	4		175	3.3
			163.7 - 166° - calcite vein	2728	157.0	159.0	2.0	10		225	2.0
			runs parallel to core - crystals	2729	159.0	161.0	2.0	7		74	1.8
			are well formed and in places	2730	161.0	163.0	2.0	10		26	0.7
			contain a light blue tinge (azurite?)	2731	163.0	165.0	2.0	10		87	1.0
				2732	165.0	167.0	2.0	10		75	1.8
			Alteration: Epidote as blotches and replacement	2733	167.0	169.0	2.0	5		73	1.4
			mineral - Is not as pervasive	2734	169.0	171.0	2.0	4		425	1.8
			as earlier sections	2735	171.0	173.0	2.0	10		265	0.9

TA...X GEOSERVICES · DR...L LOG. HOLE NO. 87-10 SHEET 12 OF ...

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	metres FROM	metres TO	metres LENGTH	Est % PY	ASSAYS Au g/t	Au ppb	Au ppm
			Con't.								
89.0	182.8		Mineralization: ~ PY as blebs - diss'd throughout - stringers are very narrow and sparse. 5-10% average. - some hematite in fractures	2736	173.0	175.0	2.0	10	916	216	1.7
				2737	175.0	177.0	2.0	10		44	0.9
				2738	177.0	179.0	2.0	5		26	0.8
				2739	179.0	181.0	2.0	3		92	1.4
				2740	181.0	183.0	2.0	4		37	1.8
			Remarks: alteration reduces in downward direction. - no magnetite stringers or strong silicification.								
182.8	185.01		FRAGMENTAL GREY ANDESITE PORPHYRY hard, slightly siliceous, fragmented NO EPIDOTE.	2741	183.0	185.0	2.0	3			
			STRUCTURE: C.A.? - slightly brecciated. - very fragmented.								
			ALTERATION: weak silicification some calcite in stringers								
			Mineralization: 1-3% pyrite - diss'd								
185.01			END OF HOLE casing removed. uncemented.								
			Remarks: Hole was completely sampled - Hole has very high sulphide content, strong epidote alteration; areas with above 'normal' hematite; some areas of intense silicification and a section containing magnetite (not previously seen in the 'Esker Zone')								

NEX GEOSERVICES LINCOLN RESOURCES INC. — DRILL LOG — HOLE NO. 87-11

PROPERTY: Mt. Milligan	TP OR AREA: MACKENZIE	AZIMUTH: 123°	DATE STARTED: MAR. 4, 1986	CORRECTED DIP TESTS: 46.3 44° ; 99.67 44°
PROJECT: 87-4	~~LOT & CONC.~~ MINING DIVISION: OMINECA	DIP: -45°	DATE COMPLETED: MAR 6 1986	
CLAIM NO.: CREEK ZONE	CO-ORDINATES: 10m East at 112°	LENGTH: 99.67m (327')	DRILLED BY: Quest Canada Drilling Ltd.	
GRID NO.: 99150 NE	from DDH 87-6	COLLAR ELEV.	LOGGED BY: D.M. Windsor	

LOCATION SKETCH OF HOLE: ~~E~~ 0.1

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
			To Test: anomalous gold values in 'Creek Zone' and strike of gold bearing horizon located in Hole 87 0.5.
0	2.3		Casing - O/B.
2.3	3.7		FRAGMENTAL H.F.P. grey, non-magnetic.
			Structure: 1-3cm. Lithic fragments. - C.A. 45°.
3.7	18.8		DARK GREEN - FRAGMENTAL A.P of C.G. mnr vol. dk. gr., hard, non-magnetic to strongly magnetic.
			Structure: Fragments of H.F.P. + A.P. in fine grained A.P. or C.G. matrix - dark green augite phenocrysts are visible in and out of fragments. - ROUGE AND crumbly core as follows: 3.7-3.9 - broken - oxidized surfaces. 4.8-4.85 - sandy gouge. 7.3-8.0 - broken with minor clay gouge. 8.2-8.3 - clay - sand gouge. 10.1-10.5 - crumbled - 18.5-19.1 - crumbled - minor gouge C.A is @ 50°

SAMPLE NO.	FROM	TO	LENGTH

ASSAYS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
3.7	18.8	Con't.
		ALTERATION: minor epidote in hairline fractures.
		- silicification weak to moderate in odd place.
		- minor calcite as fracture filling.
		Mineralization: fine diss'd pyrite throughout
		- magnetite and pyrite stringers as follows:
		6.3 - 1cm @ 50° mag-py-
		13.5-13.6 - diss mag + py - and stringers
		15.4 - 1cm py-mag @ 25° - mass
		15.7 - 2cm mag-py - 1to1 - 50°
		* 16.1 - 16.3 - mag + py in siliceous section
		REMARKS: 18.0 - 19.0 - Core recovery - 60%
		3.7 - 18.0 - 90%
18.8	35.2	SILICEOUS GREY FRAGMENTAL A.P ± Andesite
		grey, green, strong magnetic
		STRUCTURE: massive - fragmental. fragments 1 - 4cm. C.A @ 60°
		ALTERATION - Mineralization.
		Moderate to strong as follows.
		18.8 - 20.1 - strong - pyritic 15% diss'd. py.
		25.6 - 26.0 - bld - moderate - 5% py.
		31.7 - 31.6 - moderate - 20% py
		Rest of section is 3-5% diss'd py
		- noticeable lack of magnetite
		- fracture filling by calcite

SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % Py	Au g/t	Au ppb	Ag ppm
2770	2.3	4.0	1.7	1			
2771	4.0	6.0	2.0	1			
2772	6.0	8.0	2.0	2			
2773	8.0	10.0	2.0	2			
2774	10.0	12.0	2.0	5			
2775	12.0	14.0	2.0	15			
2776	14.0	16.0	2.0	4			
2777	16.0	18.0	2.0	1			
2778	18.0	20.0	2.0	1	.076	2320	4.5
2779	20.0	22.0	2.0	1			
2780	22.0	24.0	2.0	1			
2781	24.0	26.0	2.0	1			
2782	26.0	28.0	2.0	1			
2783	28.0	30.0	2.0	2			
2784	30.0	32.0	2.0	2	.092	2630	10.1
2785	32.0	34.0	2.0	1			
2786	34.0	36.0	2.0	2			

TEX GEOSERVICES — DRILL LOG — HOLE NO. 87-11 — SHEET 3 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (notes)	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
35.2	46.2		HORNBLENDE FELDSPAR PORPHYRY grey, very hard, moderately magnetic odd fragment of fine grained mafic vol.	2787	36.0	38.0	2.0	2			
				2788	38.0	40.0	2.0	2			
				2789	40.0	42.0	2.0	1			
			STRUCTURE: Upper Contact 55° strong porphyritic texture euhedral to subhedral hornblende and feldspar phenocrysts 38.6 - 38.8 - fine grained mafic dyke @ 40° to C.A	2790	42.0	44.0	2.0	1			
				2791	44.0	46.0	2.0	1			
			ALTERATION: minor silicification minor calcite in hairline fractures minor chlorite.								
			Mineralization: pyrite is sparse <2% diss no stringers.								
			Remarks: 44.3 - 44.9 - rubble - good recovery 44.3 - 45.7 - augite - chlorite rich section								
46.2	47.7		GREY FELDSPAR PORPHYRY DYKE hard, non-magnetic							1	
			STRUCTURE - porphyritic, subhedral - 1-3mm feldspar phenocrysts in f.m. grained grey green matrix. - cut by calcite stringers at 50° Upper Contact @ 55°	2792	46.0	48.0	2.0	1			
			Mineralization: <1/2% diss py								

TAMEX GEOSERVICES · DRILL LOG · HOLE NO. 87-11 · SHEET 4 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=m	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (notes)	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
47.7	50.1		FAULT ZONE - GOUGE - SILICIFIED M.grey, brecciation; non-magnetic	2793	48.0	50.0	2.0	2	.057	1840	.6
			STRUCTURE: fault N.S., brecciated or fractured section is broken - rubble with a few 4-inch pieces of core. C.A. @ 60° - white clay gouge as follows: 48.1 - 48.4.m - 49.3 - 49.4.m								
			Mineralization - Alteration - intense silicification, sparse pyrite < 1%.								
50.1	64.0		Siliceous N.F.P. ± A.P - GOUGE light grey, non-magnetic - very hard								
			STRUCTURE: weak porphyritic texture. "fine grained" - GOUGE - white clay from 57.8 - 58.1 m. C.A @ 55°. - fracture filling by white gte.	2794 2795 2796 2797 2798 2799 2800	50.0 52.0 54.0 56.0 58.0 60.0 62.0	52.0 54.0 56.0 58.0 60.0 62.0 64.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0	1 1 1 1 1 1 1			
			Alteration + Mineralization - moderate silicification, - uniform - pyrite as fine grained + diss. - 1-2%								
			REMARKS - Minor brecciation								
64.0	87.7		DARK GREEN F-M GR. - ANDESITE ± A.P (fragmental ± SILICEOUS ZONES). dark green to dark grey, hard and moderately magnetic in unaltered sections and strongly magnetic in stringers carrying magnetite								

TANNEX GEOSERVICES — DRILL LOG — HOLE NO. 87-11 — SHEET 5 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % py	ASSAYS Au g/t	Au ppb	Ag ppm
64.0	87.7		Cont.								
			STRUCTURE: Numerous calcite stringers w/ prominent orientation @ 45°								
			- Fragmental sections are fine grained and contain light to med. grey fragments up to 2cm.								
			Upper Contact @ 45° to C.A.								
			- Occ broken section due to slippage on wider calcite stringers.								
				2801	64.0	66.0	2.0	2			
			Alteration: Siliceous to Silicified sections	2802	66.0	68.0	2.0	3	.035	1140	2.3 ✓
			Mineralization as follows:	2803	68.0	69.0	1.0	4			
			67.0 - 67.6 - moderate - slight rose colouring - 1-5% pyrite as stringers								
			69.3 - 70.0 - strong brecciated chlorite ≈ calcite - 10% py.	2804	69.0	70.0	1.0	4	.078	2710	3.8 ✓
			* 71.8 - 72.4 - moderate - strong, Calcitic, fractured, chloritic.	2805	70.0	71.0	1.0	5-10	.061	1890	2.6 ✓
			- blebs of pyrite with calcite	2806	71.0	72.0	1.0	5			
			- magnetite stringer @ 71.8 - weak	2807	72.0	73.0	1.0	10			
			- Small Rose coloured qtz stringer @ 72.3 - 0.5cm wide @ 55° to C.A	2808	73.0	75.0	2.0	3			
			Fine disc pyrite 1-2% throughout - Stringers are locally in silicified zones								
			MAGNETITE stringers AS follows:								
			74.46 - 0.5cm - @ 50°								
			* 75.6 - 75.8 - magnetite ≈ cal - qtz. for 20cm. - py - 5%	2809	75.0	76.0	1.0	10			
				2810	76.0	78.0	2.0	4			
		sil	79.9 - 80.0 - qtz vein @ 60° 3% py	2811	78.0	80.0	2.0	4			
		sil	80.25 - 80.36 - Cal - qtz - chl. - 2% py @ 55° - breccia	2812	80.0	82.0	2.0	1			
		sil	80.9 - 0.5cm - Rose coloured qtz - 2% py stringer @ 50°								
			81.54 - 1cm - Rose coloured qtz vein @ 60° - [illegible]								

TARNEX GEOSERVICES

DRILL LOG HOLE NO. 87-11

SHEET 6 OF 7

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (metres)	Est % PY	ASSAYS Au g/t	Au ppb	Ag ppm
64.0	87.7		ALTERATION and MINERALIZATION Con't. 82.6 - 82.68 - epidote, pyrite @ 60° - breccia.	28 13	82.0	84.0	2.0	1			
				28 14	84.0	86.0	2.0	1			
			REMARKS: Section 77.0 - 77.4 m. diss py - 1-2mm as nucleus of chloritic or mafic concretion. - Minor hematite in fractures.	2815	86.0	87.7	1.7	1			
87.7	88.9		SILICIFIED BRECIATED ZONE andesite? Light grey, non-magnetic very hard.								
			STRUCTURE: Strongly brecciated to well fractured. - angular fragments up to up to 3cm in a light grey to white qtz-cal material. C.A @ 40°	2816	87.7	88.9	1.2	4			
			ALTERATION: Intense silicification minor chlorite calcite as stringers								
			Mineralization: pyrite is sparse hematite in fine fractures w calcite								
88.9	92.6		DARK GREEN F.M.G. ANDESITE hard, moderately magnetic								
			STRUCTURE: C.A. - 55° massive.								
			Alteration: minor epidote minor calcite	2817	88.9	91.0	1.9	1		190	7.2
				2818	91.0	93.0	2.0	1			
			Mineralization: pyrite as diss'n, and hairline stringer								

TEX GEOSERVICES — DRILL LOG — HOLE NO. 87-11 — SHEET 1 OF 2

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM (metres)	TO (metres)	LENGTH (metres)	Est % PY	ASSAYS Ag g/t	Au ppb	Ag ppm
92.6	99.67		M. Gr. ANDESITE - AUGITE PORPHYRY hard, grey-green, non-magnetic except in stringers.								
				2819	93.0	95.0	2.0	1			
				2820	95.0	97.0	2.0	1			
			STRUCTURE: massive - with calcite fractures. - odd fragment up to 3cm. C.A. 55°.	2821	97.0	99.67	2.67	1			
			Alteration: minor epidote & chlorite.								
			Mineralization: fg diss py - 1-3% - odd hairline fracture containing magnetite.								
99.67			END OF HOLE.								
			Casing removed uncemented.								
			Remarks: Noticeable lack of alteration in this hole.								
			Hole completely sampled.								

LINCOLN RESOURCES INC.

MAGNETITE BRECCIA ZONE

DIAMOND DRILL LOG

PROPERTY MT. MILLIGAN HOLE No.: 87-12 CLAIM: HEIDI 2

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY:

LATITUDE: 9300N SECTION:

DEPARTURE: 1300+75E BEARING: N90°W (270°)

ELEVATION: DIP: -45°

DATE BEGUN: Sept 25, 1987 SHEET No.: 1 of 4

DATE FINISHED: Sept 26, 1987 LOGGED BY: C.M. Rebagliati

TOTAL DEPTH: 89.63 DATE: Sept. 26 1987

CORE SIZE: NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
0.0	5.49m	Casing in overburden	851	5.49	7.0m	1.51	1.48		1250	250
5.49	10.40	Pink potassium altered monzonite porphyry:	852	7.0	8.0	1.0	1.0			
		fine grained potassic matrix enclosing pale green (sericitic or	853	8.0	9.0				1108	176
		saussuritic) plagioclase. 1% disseminated magnetite and	854	9.0	10.0					
		occassional thin magnetite (filled) fractures. Minor chalcopyrit	855	10.0	11.0				1820	280
		coated fractures and occassional quartz veinlets with	856	11.0	13.0	2.0	1.06		454	106
		pink potassium feldspar selvages carrying pyrite and								
		chalcopyrite.	857	13.0	14.0					
			858	14.0	15.0				1472	270
10.40	22.80	Pale green (less) porphyritic monzodiorite(?): Transitional	859	15.0	16.0					
		from above.) Patchy pink potassium feldspar alteration.	860	16.0	17.0					
		Variably porphoritic - A few quartz stringers with K-spar	861	17.0	18.0				2817	560
		selvages: Minor chalcopyrit coating dry fractures and	862	18.0	19.0					
		disseminated in the quartz veinlets. 1% brown biotite - less	863	19.0	20.0					
		magnetite than above where the magnetite may have replaced the biotite	864	20.0	21.0	1.0	1.0		1167 WITH #865	305

87-12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		Black chlorite coates late crosscutting fractures	865	21.0	22.0	1.0	0.9		WITH	363,841			
		Some feldspar laths are sericitic as are some slickensided surfaces	866	22.0	23.0	1.0	0.5		1620	210			
22.8	35.7	Chlorite and potassium feldspar altered andesite - variably potassium metasomatized - in part transitional from unit above.	867	23.0	25.0	2.0	0.8		1489	141			
		Frequent black chlorite coated fractures. Chalcopyrite -	868	25.0	26.0	1.0	1.0						.080
		bearing quartz stringers (1mm thick) with K-spar selvages.	869	26.0	27.0	1.0	1.0		1790	1150			.001
		plus coatings of chalcopyrite on microfractures 5 to 30/m.	870	27.0	28.0	1.0	1.0						.002
		The alteration along the fractures makes it difficult	871	28.0	30.0	2.0	1.4		1046	250			
		to determine whether or not the andesite has been											
		brecciated or was a coarse pyroclastic or agglomerate.	872	30.0	31.0	1.0	0.9						
		- Short intervalls of breccia with a magnetite -	873	31.0	32.0	1.0	1.0		2026	540			
		rich matrix occur near lower contact.	874	32.0	33.0	1.0	0.75						
			875	33.0	34.0	1.0	0.8						
			876	34.0	35.0	1.0	0.76		2152	390			
35.7	56.3	Magnetite Breccia : Polylithic andesitic clasts	877	35.0	36.0	1.0	1.0						
		(andesite + feldspar and augite porphyritic andesite) rounded	878	36.0	37.0	1.0	1.0						.015
		to subangular. Pervasive dark green chlorite alteration,	879	37.0	38.0	1.0	1.0		3578	1150			.097
		weak but variable K-spar alteration. The matrix	880	38.0	39.0	1.0	"						.014
		is comprised of 10% magnetite, K-feldspar - quartz	881	39.0	41.0	2.0	2.0		2547	390			
		and chalcopyrite - minor pyrite. Late stage quartz -											
		K-spar - chalcopyrite stringers cut the breccia.	882	41.0	42.0	1.0	"						.012
		Andesite clasts host disseminated chalcopyrite	883	42.0	43.0	1.0	"		2529	1040			.014
		0.25 to 1.5% Chalcopyrite overall. Secondary biotite from 40-56m	884	43.0	44.0	1.0	"						.012

87-12 3 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
56.3	59.56	Green feldspar porphyritic monzodiorite dyke: Pale green sericitic to saussuritic feldspar phenocrysts 2-6mm, in a fine grained matrix. Potassium feldspar alteration associated with quartz-chalcopyrite veinlets. 1mm sized grains of disseminated magnetite throughout. Minor thin (1mm) calcite veinlets in late fractures carrying minor disseminated pyrite. Low grade: 0.25% Chalcopyrite.	885	44.0	45.0	1.0	1.0						.006
			886	45.0	46.0	1.0	1.0		4518	1050			.024
			887	46.0	47.0	1.0	"						.026
			888	47.0	48.0	1.0	"						
			889	48	49.0	1.0	"		3860	760			
			890	49.0	50.0	1.0	"						
			891	50.0	51.0	1.0	"						
			892	51.0	52.0	1.0	"		4591	970			
59.56	86.90	Andesite fragmental: rounded to subangular fragments are dark green sitting in a pale green matrix where the ferromagnesium minerals are all altered to chlorite + 2nd biotite	893	52.0	53.0	1.0	"						
			894	53.0	54.0	1.0	"						
			895	54.0	55.0	1.0	"		3927	850			
		Very little K-spar alteration and chalcopyrite	896	55.0	56.0	1.0	"						
		gives way to pyrite in white quartz stringers without	897	56.0	57.0	1.0	"						
		pink feldspar selvages.	898	57.0	58.0	1.0	1.0		2225	230			
		Pink potassium feldspar reappears at 83m as	//										
		metasomatism increases to the lower contact at 86.90m											
		The Total sulphide content (mostly pyrite) is less than 1%.											
		Secondary r-fg black biotite decrease down the hole - mostly in darker fragments											
86.9	88.75	Pinkish green feldspar porphyritic monzodiorite dyke											
		Chalcopyrite (<1%) in quartz veinlets with pink feldspar											
		selvages - no pyrite. Feldspar phenocrysts altered to											
		pale green.											
88.75	89.63	Andesite fragmental, strong potassium metasomatism at upper contact	END OF HOLE										

FOOTAGE FROM	FOOTAGE TO	87-12 DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
		GENERAL. The distribution of Chalcopyrite is controlled by: the presence of potassium feldspar either as potassium metasomatism in the volcanic units or as potassium feldspar selvages on quartz veins or; the magnetite breccia. Where quartz veinlets occur without potassium feldspar selvages they carry pyrite. The potassic intervals also carry chalcopyrite as dry fracture coatings. The Magnetite Breccia is the cause of the magnetic anomaly.											

LINCOLN RESOURCES INC.

MAGNETITE BRECCIA ZONE

DIAMOND DRILL LOG

PROPERTY : MT. MILLIGAN HOLE No. : 87-13 CLAIM : HEIDI 2

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 92+00N SECTION :

DEPARTURE : 129+80E BEARING : N 90°E (090°)

ELEVATION : DIP : -45°

DATE BEGUN : SEPT 26, 1987 SHEET No. : 1 of 5

DATE FINISHED : SEPT 28 1987 LOGGED BY : C.M. REBAGLIATI

TOTAL DEPTH : 105.18 m DATE : SEPT. 28, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
0.0m	6.10m	Casing in overburden	899	6.10	7.0	0.9	0.9		1288	103
6.10	50.0	Andesite: 0.5 to 3mm feldspar laths in dense fine grained black felty matrix	900	7.0	8.0	1.0				
		which has undergone a secondary biolite hornfels (This	901	8.0	9.0	1.0			4318	430
		texture was observed in fragments in the magnetite breccia	902	9.0	10.0	1.0				
		intersected in hole 87-12.). 3 to 5% disseminated	903	10.0	11.0	1.0				
		1mm sized pyrite grains throughout. Chalcopyrite occurs	904	11.0	12.0	1.0			3474	520
		as very fine disseminations within ferromagnesian	905	12.0	13.0	1.0				
		minerals with coarser grains occuring intermittently as	906	13.0	14.0	1.0				
		clusters in sulphide-rich intervals. 0.25 to 1%	907	14.0	15.0	1.0			3340	690
		chalcopyrite overall with 10 to 20 cm long intervals	908	15.0	16.0	1.0				
		with 5% chalcopyrite. ~~Py~~ Pyrite and chalcopyrite	909	16.0	17.0	1.0				
		filled fractures occur without quartz 1-3 per metre. Late	910	17.0	18.0	1.0			5404	610
		1-3mm quartz-calcite veinlets, 3-10/m, carry pyrit	911	18.0	19.0	1.0				
		and some chalcopyrite. In the more sulphide rich intervals	912	19.0	20.0	1.0				
		the feldspar has a blueish tint. Below 30m a pale greyish blue	913	20.0	21.0	1.0			3672 WITH 914	340

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		Film coats fractures. Rare magnetite veins 1-5mm.	914	21.0	22.0	1.0			(WITH	913)			
		mostly between 30 – 40 m	915	22.0	23.0	1.0				913)			
		Faulted interval from 31 to 41	916	23.0	24.0	1.0			2227	260			
			917	24.0	25.0	10							
50.0	105.18	Grey Andesite-silicified: Indistinct feldspar	918	25.0	26.0	1.0	1.0						
		laths in light grey siliceous groundmass, 2 to 5%	919	26.0	27.0	1.0	0.65		2073	205			
		chloritized mafics. Frequent 10cm to 1.0m intervals	920	27.0	28.0	1.0	1.0						
		of intense silicification where nearly all textures	921	28.0	29.0	1.0							
		have been obliterated. Two percent sulphide	922	29.0	30.0	1.0			3990	660			
		50% pyrite 50% chalcopyrite finely disseminated	923	30.0	31.0	1.0	1.0						
		throughout. Late stage quartz veins (10 to 20cm) carry minor	924	31.0	32.0	1.0	0.8						
			925	32.0	33.0	1.0	0.5						
		pyrite and chalcopyrite have pyritic (iron carbonate) selvages.	926	33.0	35.0	2.0	0.9		5069	750			
		No potassium alteration-unlike hole 87-12. →	927	35.0	36.0	1.0	0.9						
		Post mineral calcite fracture fillings. Long segments of	928	36.0	37.0	1.0	0.85						
		the core is shattered or crushed with calcite fillings from	929	37.0	38.0	1.0	0.95		2056	240			
		82 to 98m. Coarse angular (breccia) fragments cemented with quartz-calcite	930	38.0	39.0	1.0	0.65						
		at 98m. The contact with the andesite (6.10 to 50.0m) is	931	39.0	40.0	1.0	0.67						
		gradational beginning at 50.0m and (alteration) becomes progressively	932	40.0	41.0	1.0	0.90		2128	255			
		more intense over the next 5 to 10m. Most fractures	933	41.0	42.0	1.0	1.0						
		with thin veinlets have bleached silicified envelopes	934	42.0	43.0								
		which, where the fracture density increases,	935	43.0	44.0				1993	775			
		coalesce to form the intensly silicified	936	44.0	45.0								
		intervals. Pale green films of sericite and/or darker	937	45.0	46.0				COMBINED WITH	938, 939			.016

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		green chlorite form on the numerous slip surfaces.	938	46.0	47.0				(WITH 937) 2772	1530			.010
		Of which there are 30 to 100/m. Faint pale green	939	47.0	48.0								.106
		patches are likely sericitic remnants of altered feldspar	940	48.0	49.0								
			941	49.0	50.0				1228	330			
			942	50.0	51.0								
			943	51.0	52.0								
			944	52.0	53.0				980	375			
			945	53.0	54.0								
			946	54.0	55.0								
			947	55.0	56.0				1600	440			
			948	56.0	57.0								
			949	57.0	58.0								
			950	58.0	59.0				1267	380			
			951	59.0	60.0	1.0	1.0						
			952	60.0	62.0	2.0	2.0		1057	315			
			953	62.0	63.0	1.0	1.0						
			954	63.0	64.0				1751	565			
			955	64.0	65.0								
			956	65.0	66.0								.008
			957	66.0	67.0				2043	605			.010
			958	67.0	68.0								.022
			959	68.0	69.0				(COMBINED WITH 960, 961)				.099

87-13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
			960	69.0	70.0	1.0	1.0		959 2313	2510			.027
			961	70.0	71.0	1.0	1.0						.015
			962	71.0	72.0	1.0	0.65						.018
			963	72.0	73.0				3135	595			.016
			964	73.0	74.0								.012
			965	74.0	75.0								
			966	75.0	76.0				2801	705			
			967	76.0	77.0								
			968	77.0	78.0								
			969	78.0	79.0				3317	830			
			970	79.0	80.0								
			971	80.0	81.0								
			972	81.0	82.0				2978	715			
			973	82.0	83.0								
			974	83.0	84.0								
			975	84.0	85.0				2961	975			
			976	85.0	86.0								
			977	86.0	87.0								
			978	87.0	88.0				2958	535			
			979	88.0	87.0								
			980	89.0	90.0								
			981	90.0	91.0				2609	540			
			982	91.0	92.0								

87-13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			
			983	92.0	93.0								
			984	93.0	94.0				2999	510			
			985	94.0	95.0								
			986	95.0	96.0								
			987	96.0	97.0				1078	176			
			988	97.0	98.0								
			989	98.0	99.0								
			990	99.0	100.0				1728	485			
			991	100.0	101.0								
			992	101.0	102.0								
			993	102.0	103.0				2319	775			
			994	103.0	104.0								
			995	104.0	105.0				1992	660			
			#										

LINC N RESOURCES INC.

"MAGNETITE BRECCIA ZONE

DIAMOND DRILL LOG

PROPERTY : MT MILLIGAN HOLE No. : 87-14 CLAIM : HEIDI 2

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 90+95N SECTION :

DEPARTURE : 128+80E BEARING : N 90° E (090°)

ELEVATION : DIP : -45

DATE BEGUN : SEPT 28 1987 SHEET No. : 1 of 4

DATE FINISHED : SEPT 30, 1987 LOGGED BY : C.M. REBAGLIATI

TOTAL DEPTH : 102.83 DATE : SEPT 30/87

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
0.0	4.90	Casing in overburden	996	4.90	6.0	1.10	1.10		1615	186
4.90	12.5	Latite > Trachyte breccia with a black fine grained biotitic matrix. 60% Subrounded to subangular latite fragments	997	6.0	7.0					
			998	7.0	8.0				3230	365
		and rare trachyte fragments 1cm to 5cm. Matrix 40%	999	8.0	9.0					
		black ferromagnesium minerals and some feldspar.	1000	9.0	10.0					
		10 to 15% disseminated and clots of pyrite mostly	25102	10.0	11.0				2185	315
		in the matrix with associated 0.25 to 1% chalcopyrite.	25103	11.0	12.0					
		Minor cross cutting pyrite veinlets with subordinate	25104	12.0	13.0					
		chalcopyrite. All core is cut by randomly oriented	25105	13.0	14.0				1657	345
		barren quartz-calcite veinlets which also fill	25106	14.0	15.87				535	96
		fractures in the following unit								
12.5	28.05	Fine-grained dark green andesite tuff. Matrix								
		and fragment are the same composition and the								
		fragments are difficult to distinguish.								

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Ag ppb			
		1% disseminated pyrite evenly distributed throughout											
		Core cut by multidirectional quartz-calcite stringers											
		(barren) 1-3mm thick. Trace chalcopyrite rare blebs											
		Chlorite now dominates over the secondary felty biotite.											
28.05	28.36	Quartz-feldspar porphyry dyke. Plagioclase											
		phenos 1cm long. Faulted upper contact.											
		The andesite tuff adjacent to the lower contact											
		is bleached to a lighter green for 70cm.											
28.36	46.04	Fine grained dark green andesite tuff. 1% pyrite											
		same unit as 12.5 to 28.05m. Chloritic - minor											
		secondary biotite											
46.04	49.20	FAULT ZONE : BROKEN AND GROUND CORE - GOUGE											
		AT 49.09 - 49.20.											
			25107	67.0	68.0	1.0	1.0						
46.04	71.80	Dark grey to pale grey siltsone - massive (ash tuff),	25108	68.0	69.0	1.0	1.0		28	102			
		cherty interval at 70m - possible bedding 45-60° to core axis.	25109	69.0	70.0	1.0	1.0						
		Pronounced bleaching adjacent to mm thin silicified	25110	70.0	71.0	1.0	1.0		23	26			
		stringers often coalescing between fractures. Cut by 10-30%											
		white quartz-calcite veinlets filling fractures 30-45° to											
		core axis. Minor pink to orange carbonate with the white calcite.											
		Block fractures host specular hematite. Darker grey patches											
		carry 1% v.f.g disseminated magnetite. The amount of											

87-14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
		magnetite decreases downwards with a corresponding increase in v.f.g. disseminated pyrite - only 1% overall. Pyrite also becomes increasingly common in the quartz veinlets. In the pale coloured sections there may be v.f.g sericite in the matrix.											
71.80	78.80	Dark green Andesite Tuff - fragmental. 1cm clasts slightly paler green than matrix, augite phenocrysts in clasts and fragment in matrix in some intervals. The late quartz - calcite ~~fracture~~ fracture filling persist cutting rare quartz - calcite - pyrite veinlets. 1 to 3% disseminated pyrite and 1cm pyrite clots reappear accompanied by minor chalcopyrite.											
78.80	99.0	Dark grey to pale grey, massive siltstone/ash tuff - similar to unit from 46.04 to 71.80. The contact is gradational between 78 to 80m. From 71m to 90m there is a general & gradual decrease in grain size indicating tops are to the east. Bleaching is pronounced along silicified fractures. Less than 1% f-g disseminated pyrite. Disseminated magnetite in darker grey patches. 91.76m to 94.50m 2 to 10mm porphyroblastic carbonate aggregates - an interval with minor carbonate in the											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		matrix. Low pyrite content - less than 1% finely disseminated grains. A coarse angular breccia with a quartz-calcite matrix at 97 m is very similar to a breccia at 98m in hole 87-13. Minor specular hematite on widely spaced fractures											
99.0	102.83	Intensely silicified - brecciated and recemented with pyritic quartz and calcite. Very similar to the silicified intervals encountered in hole 87-13 between 50-105m 1-3% disseminated and fracture controlled pyrite Trace chalcopyrite	25111	99.0	100.46	1.46	1.15		244	1195			.031
			25112	100.46	102.83	2.37	0.30		1584	1135			.039
102.83		END OF HOLE											

LINCOLN RESOURCES INC.

DIAMOND DRILL LOG

PROPERTY : MT. MILLIGAN HOLE No. : 87-15 CLAIM : HEIDI 2

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 90+00N SECTION :

DEPARTURE : 127+60E BEARING : AS 45°E (135°)

ELEVATION : DIP : -45

DATE BEGUN : Sept. 30/87 SHEET No. : 1 of

DATE FINISHED : Oct. 2/87 LOGGED BY : C.M. Rebagliati

TOTAL DEPTH : 107.01 DATE : October 1, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
0.0	5.40	Casing in overburden	25113	6.0	7.0	1.0	1.0			
5.40	46.35	Andesite + Augite Porphyry Fragmental. Clasts	25114	7.0	8.0				479	370
		to 5 cm. Plutonic fragments - diorite - between	25115	8.0	9.0					
		8 and 11m. 10% disseminated pyrite from 5.4m	25116	9.0	10.0					
		gradually decreasing to 5% by 30m. 1 to 4mm	25117	10.0	11.0				373	168
		grains and grain aggregates. 0.1 to 2mm quartz-calcite-	25118	11.0	12.0					
		pyrite veinlets (5-40/m). Very minor chalcopyrite. Core is	25119	12.0	13.0			mt		
		dark green to black from 5.4m to 17m. Then becomes a	25120	13.0	14.0			mt	549	225
		lighter greyish green. Magnetite (py+cp & qt-calcite) veining between	25121	14.0	15.0			mt		
		12.5 to 16.5m - veining and impregination - about 5%	25122	15.0	16.0			mt		
		overall. Minor chlorite or bleaching adjacent to	25123	16.0	17.0			mt	700	152
		some fractures and/or veinlets - very little obvious	25124	17.0	18.0					
		hydrothermal alteration overall. The matrix is	25125	18.0	19.0				324	112
		generally lighter coloured than the fragments but is	25126	19.0	20.0					
		less pyritic. Pyrite decreases to 3-4% by 46.35m	25127	20.0	21.0				COMBINED WITH 25128 25129	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			
46.35	47.15	Feldspar porphyritic andesite dyke. Lower contact @ 65° to core axis - 2% disseminated pyrite.	25128	21.0	22.0				WITH 312	25127 83			
			25129	22.0	23.0								
			25130	23.0	24.0								
			25131	24.0	25.0				316	250			
47.15	107.01	Fragmental andesite grading downwards into tuffaceous andesite: 2-4% disseminated pyrite and aggregates of pyrite. 1-3 quartz-calcite-pyrite veinlets (1-10 per metre.	25132	25.0	26.0								
			25133	26.0	27.0	1.0	1.0		404	310			
		→ 51.20 - 51.70 Quartz-potassium feldspar - pyrite alteration zone. 10% pyrite minor chalcopyrite	25134	50.20	51.20	1.0	1.0		1043	165			
			25135	51.20	51.70	0.50	0.50		2147	105			
			25136	51.70	52.70	1.0	1.0		776	92			
		At 74m the core becomes a monolithic andesite fragmental again - 2% disseminated pyrite.											
		At 82.75m to 102.74m pyrite rich (75%) quartz - calcite veinlets cut the core at 30 to 65% to core axis	25137	82.75	83.55	0.80	0.80		535	325			
		The 1.0cm to 15cm veins carry minor chalcopyrite.	25138	87.50	88.30	0.80	0.80		1161	315			
		These pyrite-rich veins are distinct - thicker and more sulphide-rich than other veinlets or fracture fillings	25139	88.30	89.0	0.70	0.70		59	11			
			25140	89.0	89.65	0.65	0.65		419	186			
		encountered in the hole above this interval	25141	89.65	90.30	0.65	0.65		1494	520			
		82.75 - 83.55m 4 sulphide-rich veinlets totalling 5cm	25142	90.30	91.30	1.00	1.00						
		87.50 - 88.30m 3 " " " " 3cm	25143	91.30	92.30	1.0	1.0		439	225			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
		88.30 - 89.0 m NONE	25144	92.30	92.80	0.50	0.50		102	131
		89.0 - 89.65 m 1 sulphide-rich veinlets 2cm	25145	92.80	93.80	1.0	1.0			
		89.65 - 90.30 m 1 sulphide-rich vein 3cm thick cuts the	25146	93.80	94.80	1.0	1.0		176	112
		interval 2 times totalling 9cm.	25147	94.80	95.80	1.0	1.0			
		90.30 - 91.30 NONE	25148	95.80	96.50	0.70	0.70		57	61
		91.30 - 92.30 —	25149	96.50	96.70	0.20	0.20		359	820
		92.30 - 92.80 2 veinlet = 3cm	25150	96.70	97.70	1.0	1.0		45	113
		92.80 - 93.80 —								
		93.80 - 94.80 1 - 6cm 20% pyrite								
		94.80 - 95.80 1 - 2cm								
		95.80 - 96.50 —								
		96.50 - 96.70 1 - 10cm sulphide-rich vein								
		96.70 - 97.70 —								
		There is little hydrothermal alteration within the intervals of pyrite-rich veining								
—	107.01	END OF HOLE								

LINCOLN RESOURCES INC.

DIAMOND DRILL LOG

PROPERTY : MT MILLIGAN HOLE No. : 87-16 CLAIM : HEIDI 1

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 88+85N SECTION :

DEPARTURE : 127+92E BEARING : S45E (135°)

ELEVATION : DIP : -45

DATE BEGUN : OCT. 2/87 SHEET No. : 1 of 2

DATE FINISHED : OCT 3/87 LOGGED BY : C.M. Rebagliati

TOTAL DEPTH : 76.52m DATE : October 5, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
0.0	10.20	CASING IN OVERBURDEN						
10.20	38.75	Andesite Fragmental - augite porphyritic						
		1-2% disseminated pyrite throughout accompanied by						
		minor chalcopyrite, 1 to 10 quartz-calcite stringers/m						
		carry minor pyrite and chalcopyrite - many are barren-						
		occasional pyrite-rich veinlets (1-4mm). Chalcopyrite-rich						
		veinlet at 22m 4mm thick.						
38.75	42.10	Light grey, fine grained andesite dyke						
42.10	66.80	Andesite Fragmental - augite porphyritic - same						
		unit as 10.20 - 38.75m becoming progressively finer grained						
		Fault gouge at 41.30 - 41.40m						
		Faults at 56.0, 56.50, 57.90m. Pyrite content						
		diminishes to ½ to 1% by 35m.						

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			
		At 60.30m the core becomes much darker grey and more chloritic and the pyritic content increases to 5-10%. Fault at 62.50-63.00m											
66.80	67.85	Diorite dyke: Aligned plagioclase and hornblende laths quartz-calcite-pyrite veinlets and 5-10% disseminated pyrite											
67.85	75.61	Dark green andesite (tuff±). Pyrite content drops off to 2% about 2m below the dyke. Typical white quartz-calcite-pyrite veinlets fill brittle fractures - 20-40/m Fault at 71.16 to 75.61m											
75.61	76.52	Very fine grained silicified grey ash tuff. 1% disseminated magnetite. Shattered & fractures filled with quartz bleached margins. Minor disseminated pyrite.	25152	75.61	76.52	0.91	0.91		16	37			
	76.52	END OF HOLE											

LINCOLN RESOURCES INC.

DIAMOND DRILL LOG

PROPERTY : MT MILLIGAN HOLE No. : 87-17 CLAIM : PHIL 9

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 87+06N SECTION :

DEPARTURE : 121+13E BEARING : 45E (135°)

ELEVATION : DIP : -45°

DATE BEGUN : OCT 3/87 SHEET No. : 1 of 1

DATE FINISHED : OCT 4/87 LOGGED BY : C.M. BERAGLIATI

TOTAL DEPTH : 33.84 DATE : OCTOBER 4, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
0	33.84	Casing to 25.91m in overburden - NQ rods to 33.84 in overburden - lost hole due to caving overburden. Abandoned.						

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DIAMOND DRILL LOG

PROPERTY : MT MILLIGAN HOLE No. : 87-18 CLAIM : PHIL 9

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 88+76N SECTION :

DEPARTURE : 124+24E BEARING : S45°E (135°)

ELEVATION : DIP : -45°

DATE BEGUN : October 4/87 SHEET No. : 1 of 3

DATE FINISHED : October 6/87 LOGGED BY : C.M. RERAG-LIAT

TOTAL DEPTH : 107.01m DATE : October 5/6 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb	Cu %	Ag oz/T	Au oz/T
0.0	21.15	Casing in overburden											
21.15	28.60	Fine-grained Andesite Dyke \ FLOW - minor disseminated											
		pyrite. Minor quartz-calcite mm-sized veinlets @ 80° to C/A.											
		"NO EPIDOTE ALTERATION"	25153 →	28.0	28.60				1058	132			
28.60	29.9	Massive Sulphide: 75% coarse granular pyrite	25154 →	28.60	29.90	1.30	1.20				1.65	.54	.668
		5% Chalcopyrite, 20% quartz, calcite + feldspar,	25155 →	29.90	31.0	1.10	1.10		1672	225			
		chlorite. 15cm gouge faultzone 29.70 - 29.85m	25156	31.0	32.0	1.0	1.0						
		THE MASSIVE SULPHIDES DO NOT APPEAR TO BE FAULT CONTROLLED	25157	32.0	33.0	1.0			1254	78			
29.9	32.0	Andesite Fragmental - Augite porphyritic - strong	25158	33.0	34.0								
		propylitic alteration 10-30% patchy epidote	25159	34.0	35.0								
		5-10% disseminated pyrit	25160	35.0	36.0				2206	250			
		Massive Pyrite vein at 30.41-30.49 with an	25161	36.0	37.0								
		epidote-pyrite selvage @ 45° to core axis	25162	37.0	38.0								
			25163	38.0	39.0				1134	80			
32.0	34.60	Hornblende Porphyry andesite - patchy quartz-	25164	39.0	40.0								

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		epidote - pyrite veins and alteration. Epidotized	25165	40.0	41.0								
		feldspar and 3-5% disseminated pyrite	25166	41.0	42.0				1559	285			
			25167	42.0	43.0								
34.60	65.85	Light grey, strongly propylitized, augite andesite	25168	43.0	44.0								
		-in part fragmental. patchy and pervasive, disseminated epidote 5-20%	25169	44.0	45.0				1785	75			
		and 3-10% disseminated pyrite - minor disseminated	25170	45.0	46.0								
		chalcopyrite. Unit becomes darker green gradually	25171	46.0	47.0								
		to 51.0m where the increased chlorite is dark green	25172	47.0	48.0				1916	82			
		rather than grey. Epidote persists.	25173	48.0	49.0								
		Feldspar porphyry dyke 40.30-40.40m	25174	49.0	50.0								
		40% disseminated pyrite 52.20-52.60m - 30% calcite	25175	50.0	51.0	1.0	1.0		2404	100			
		1-5 pyrite stringers with strong epidote selvages permeate	25176 →	51.0	52.20	1.20	1.20		2800	315			
		At 54m the chlorite drops off and the core becomes grey again.	25177 →	52.20	52.60	0.40	0.40		1338	1390			,039
	→	62.50-62.70m - 80% pyrite 5% chalcopyrite	25178 →	52.60	53.0	0.40	0.40		3046	325			
		quartz and calcite - epidote + chlorite.	25179	53.0	54.0	1.0	1.0						
		1mm to 5mm magnetite stringers at 63.50 to 64m	25180	54.0	55.0				2656	235			
65.85	68.90	Hornblende porphyry andesite. 3% disseminated	25181	55.0	56.0								
		and fracture filling pyrite associated with epidote.	25182	56.0	57.0								
		This interval is only 25% as altered as the unit above	25183	57.0	58.0				1664	320			
		30cm zone) Fault Gouge at 68.90m	25184	58.0	59.0								
			25185	59.0	60.0								
68.90	75.10	Greyish green augite andesite. propylitic alteration	25186	60.0	61.0				1264	172			
		decreasing to moderate intensity. 2-5% disseminated	25187	61.0	62.0								

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		and fracture filling pyrite with minor chalcopyrite	25188 →	62.0	62.4	0.40	0.35		1660	495			
		Massive pyrite-chalcopyrite-magnetite-epidote	25189 →	62.40	62.80	0.40	0.40		2346	2220			.060
		vein 72.74-72.79m	25190 →	62.80	64.0	1.20	1.20		2147	225			
75.10	77.94	Hornblende porphyry andesite. Weak to moderate propylitic alteration 2% pyrite epidote after plagioclase											
77.94	107.01	Augite porphyritic andesite fragmental 0.5cm sized fragments to 5 cm. Decreasing propylitic alteration primarily confined to pyrite vein selvages. 1-2% pyrite - some magnetite + chalcopyrite associated with some of the pyrite veinlets. By 90m fragments are rare. At 96m to 101m 2cm hematitic quartz-calcite vein parallel to core axis, cuts epidotized veinlets.											
107.01		END OF HOLE											
		THE INTENSITY OF THE PROPYLTIC ALTERATION GRADUALLY DECREASES FROM THE MASSIVE SULPHIDE INTERSECTION DOWNWARDS. THE AUGITE PORPHYRITIC UNITS ARE MORE ALTERED THAN THE HORNBLENDE PORPHYRY UNITS.											

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DIAMOND DRILL LOG

PROPERTY : MT. MILLIGAN HOLE No. : 87-19 CLAIM : PHIL 9

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 89+00 N SECTION :

DEPARTURE : 124+00 E BEARING : N45°E (135°)

ELEVATION : DIP : -43°

DATE BEGUN : OCT 7/87 SHEET No. : 1 of 4

DATE FINISHED : OCT 8/87 LOGGED BY : C.M. REBAGLIATI

TOTAL DEPTH : 115.85m DATE : OCT. 8, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
0	2.59m	Casing						
2.59	44.16	Augite porphyry Fragmental. Clasts to 10cm						
		Moderate propylitic epidote alteration						
		from 6.0 to 13.40m where the pyrite content						
		increases to 5% from only 1% in the interval 2.59-6.0.						
		Most of the pyrite is disseminated or coats dry fractures.						
		occasional 1cm thick pyrite-calcite-epidote veins with						
		variable hematite and chalcopyrite						
		From 13.40m to 30.0m the unit is less augite						
		porphyritic and is only weakly propylitized 1-2% pyrite						
		From 30.0m to 44.16m very little if any epidote, low						
		pyrite - less than 1%. 20cm of 10% pyrite and						
		strong sericite alteration						
44.16	57.60	Fine grained andesite No epidote Trace pyrite.						

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Ag ppb			Au oz/t
		minor 1mm calcite fracture fillings.	25191	58.0	59.0								
		# 49.09 – 50.15 ground core 40cm recovered.	25192	59.0	60.0				819	174			
57.60	88.72	Andesite Fragmental - impart augite porphyritic	25193	60.6	61.0								
		strong propylitic alteration. Most augite grains	25194	61.0	62.0								
		replaced by epidote - 5-10% pyrite - coarse	25195	62.0	63.0				310	52			
		disseminated grains. Strong epidote selvages to	25196	63.0	64.0								
		pyritic fractures and veins. Massive pyrite vein	25197	64.0	65.0								
		4cm thick at 58.50m. Minor disseminated	25198	65.0	66.0				1365	265			
		chalcopyrite. All core cut by 1mm late	25199	66.0	67.0								
		calcite fracture fillings	25200	67.0	68.0								
		Fault at 62.30m	25201	68.0	69.0				1532	125			
		" 63.30m	25202	69.0	70.0								
		" 63.50m	25203	70.0	71.0								
		" 64.25m	25204	71.0	72.0				2062	115			
		AT 74m 1mm quartz veinlets have 1-2cm	25205	72.0	73.0								
		silicified selvages.	25206	73.0	74.0								0.020
		Minor Magnetite veining and magnetite-bearing	25207	74.0	75.0				1044	880			0.021
		pyrite-calcite-epidote veins from 79.60 to 86.	25208	75.0	76.0								0.068
		30% pyrite from 82.90 – 83.30m	25209	76.0	77.0								
		strong Silicification from 75.0 – 76.0m	25210	77.0	78.0				2380	107			
			25211	78.0	79.0								
			25212	79.0	80.0								
88.72	89.50	Hornblende porphyry Andesite DYKE Saussuritized feldspar - minor	25213	80.0	81.0				2399 (WITH 214)	106			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		pyrite - magnetite - epidote veining - 2% disseminated	25214	81.0	82.0	1.0	1.0		(WITH	212,213)			
		and fracture coating pyrite.	25215	82.00	82.90	0.90	0.90		2236	105			
			25216	82.90	83.30	0.40	0.35		5589	1140			0.036
88.72	114.46	Andesite Fragmental. Less propylitic alteration -	25217	83.30	84.0	.	.		2638	101			
		decreasing downwards - 1-3% pyrite. quite variable	25218	84.0	85.0								
		Minor chalcopyrite throughout. Relatively few	25219	85.0	86.0				3671	141			
		pyrite - epidote veinlets. Rare magnetite - rich patches	25220	86.0	87.0								
		associated with epidote.	25221	87.0	88.0								
		Proportionately more chalcopyrite than pyrite down -	25222	88.0	89.0				2314	138			
		wards (0.25 to 1.0%)	25223	89.0	90.0								
			25224	90.0	91.0								
114.46	115.85	CROWDED FELDSPAR PORPHYRY Diorite with	25225	91.0	92.0				1804	82			
		fragments (xenoliths) of quartz porphyry. Minor	25226	92.0	93.0								
		disseminated chalcopyrite throughout.	25227	93.0	94.0								
			25228	94.0	95.0				1752	77			
			25229	95.0	96.0								
			25230	96.0	97.0								
			25231	97.0	98.0				3538	167			
			25232	98.0	99.0								
			25233	99.0	100.0								
			25234	100.0	101.0				6131	220			
			25235	101.0	102.0								
			25236	102.0	103.0				(WITH	237,238)			

87-19

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			
			25237	103.0	104.0				(WITH 2901	236) 134			
			25238	104.0	105.0								
			25239	105.0	106.0								
			25240	106.0	107.0				2760	93			
			25241	107.0	108.0								
			25242	108.0	109.0								
			25243	109.0	110.0				3224	325			
			25244	110.0	111.0								
			25245	111.0	112.0								
			25246	112.0	113.0				3212	290			
			25247	113.0	114.0								
			25248	114.0	115.0	1.0	1.0						
			25249	115.0	115.85	0.85	0.85		1780	159			

LINCOLN RESOURCES INC.
CREEK ZONE

DIAMOND DRILL LOG

PROPERTY : MT. MILLIGAN HOLE No. : 87-20 CLAIM : PHIL 9

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 88+61N SECTION :

DEPARTURE : 123+13E BEARING : S 45°E (135°)

ELEVATION : DIP : -45°

DATE BEGUN : OCT 9, 1987 SHEET No. : 1 of 4

DATE FINISHED : OCT 10 1987 LOGGED BY : C.M. REBAGLIATI

TOTAL DEPTH : 102.10m DATE : OCTOBER 10, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
0.0	5.49	CASING											
5.49	17.90	Andesite Fragmental. Clasts to 10cm - 50% augite porphyry clasts. Strong propylitic alteration. Replacement of feldspar in matrix by epidote - selective replacement of some fragments. Some pyrite rich veinlets have 1-2 cm thick epidote selvages.											
		5 to 10% Pyrite disseminated and veinlets + fracture coatings accompanied by 0.25 to 1% chalcopyrite. All are cut by late quartz-calcite pyrite-hematite veinlets some of which have silicified selvages.	25250	12.0	12.70	0.70			1942	235			
			25251	12.70	13.20	0.50			38	111			
			25252	13.20	14.0	0.80			673	1020			0.025
			25253	14.0	15.0	1.0			1546	230			
		Semi Massive Pyrite-granular 40-70% 12.70 to 13.20 m	25254	15.0	15.55	0.55	0.55		211	144			
		20-50% Pyrite 15.55 to 16.31	25255	15.55	16.31	0.76	0.60		792	405			
		The two intervals above with heavy pyrite also carry	25256	16.31	17.0	0.69	0.65		1332	109			
		20% interstitial calcite.	25257	17.0	18.0	1.0	0.90		519	56			
		10cm of lost core between 17.23 and 17.68	25258	18.0	19.0				(WITH	259,260)			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
17.90	19.30	Grey feldspar porphyry Andesite, 10% disseminated	25259	19.0	20.0				(WITH	255)
		and fracture coating pyrite - minor chalcopyrite	25260	20.0	21.0				1016	470
		Weak but pervasive disseminated epidote.	25261	21.0	22.0					
		strongly pyritic - calcite rich interval from 19.15 to 19.40	25262	22.0	23.0				2042	560
		Probable dyke	25263	23.0	24.0					
19.30	22.05	Andesite Fragmental - Augite porphyry fragments.	25264	24.0	25.0	1.0	085			
		5-10% pyrite. Strong propylitic alteration.	25265	25.0	26.0				3831	715
		DARK GREEN	25266	26.0	27.0					
22.05	26.0	FELDSPAR PORPHYRY - Bleached, pyritic and crushed.	25267	27.0	28.0					
		Fault at 24.60 to 25.20 5-15% pyrite	25268	28.0	29.0				2376	380
			25269	29.0	30.0					
26.0	36.0	Andesite Fragmental. Mostly augite porphyry	25270	30.0	31.0					
		clasts. Moderate to strong propylitization.	25271	31.0	32.0				839	109
		Vein and replacement epidote. Epidote	25272	32.0	33.0					
		selvages to pyrite - ___ veinlets. Local 5-20cm	25273	33.0	34.0					
		zones and patches of strong Chalcopyrite. Minor	25274	34.0	35.0				2170	161
		chalcopyrite throughout 0.25 to 1.0%. 5-10% pyrite.	25275	35.0	36.0					
		DARK GREEN	25276	36.0	37.0					
			25277	37.0	38.0				2669	270
36.0	44.70	Greenish grey Andesite Fragmental. In part	25278	38.0	39.0					
		Feldspar porphyritic - generally fine-grained.	25279	39.0	40.0					
		Strong Propylitic alteration. 5-10% pyrite. Minor	25280	40.0	41.0				1187	123
		Chalcopyrite.	25281	41.0	42.0					

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Ag ppb			Au oz/t
		44.70 - 45.10m: 20% pyrite - Contact Zone. 4cm	25282	42.0	43.0								
		massive pyrite.	25283	43.0	44.0	1.0	1.0		1632	98			
44.70	60.0	Andesite Fragmental - Augite porphyritic	25284	44.0	44.70	0.70	0.70		3386	400			
		PATCHY moderate to strong propylitic	25285	44.70	45.10	0.40	0.40		2182	810			
		alteration 5-10% pyrite. Chloritic	25286	45.10	46.10	1.0	1.0		221	330			
		46.10 - 46.75 = 30cm of 30% pyrite plus calcite -	25287	46.10	46.75	0.65	0.65		1214	1250			0.037
		53 - 60.0m Numerous faults - gouge and rubble.	25288	46.75	47.0	0.25	.25		153	240			
		From 55.60 to 56.40m a 1cm pyrite - calcite -	25289	47.0	48.0	1.0	1.0						
		magnetite vein with a strong epidote selvage runs	25290	48.0	49.0				740	95			
		parallel to the core.	25291	49.0	50.0								
		From 59.30 to 60.0 Crushed Pyrite - calcite - chlorite	25292	50.0	51.0								
		fault zone at contact. 10-20% pyrite. Some augite	25293	51.0	52.0				1349	220			
		porphyry fragments are from the underlying Augite Porphyry Diorite Breccia.	25294	52.0	53.0								
60.0	80.0	Andesite (DYKE) Very weak epidote - No pyrite.	25295	53.0	54.0	1.0	0.85						
		minor 1mm calcite fracture fillings. 1% fine-grained	25296	54.0	55.0	1.0	0.0		1482	590			
		disseminated pyrite. Dyke is fine grained.	25297	55.0	55.60	0.60	0.55		818	890			
			25298	55.60	56.40	0.80	0.80		1146	1140			0.041
80.0	102.10	Augite Porphyry Diorite Breccia (subvolcanic)	25299	56.40	57.0	0.60	0.60		1041	86			
		80% Augite Porphyry Diorite fragments	25300	57.0	58.0	1.0	0.55						
		and 20% Augite Porphyry Andesite volcanic	65501	58.0	59.0	1.6	0.90		1328	310			
		fragments. Strong propylitic alteration	65502	59.0	59.3	0.30	0.30		1251	240			
		The pyrite content decreases from 5-10% at 80m	65503	59.3	60.0	0.70	0.70		464	3350			0.110
		to 1-3% at 102.10m. Minor disseminated	65504	60.0	61.0				(WITH	505,566			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			Au oz/t
		chalcopyrite. Minor quartz-calcite veinlets	65505	80.0	81.0				(WITH	504)			
		cut pyrite-magnetite-epidote veinlets	65506	81.0	82.0				632	270			
		Massive Pyrite-Magnetite-chalcopyrite-epidote	65507 → 65508	82.0 / 83.0	83.0 / 84.0	1.0	1.0		752	107			
		from 84.58 to 84.90m	65509	84.0	84.54	0.54	0.54		1438	98			
		The breccia unit grades into the Andesite	65510	84.54	85.0	0.46	0.46		8981	1960			0.063
		Fragmental unit situated above the fine-grained	65511	85.0	86.0	1.0	1.0						
		andesite dyke.	65512	86.0	87.0				1546	126			
			65513	87.0	88.0								
			65514	88.0	89.0								
102.10		END OF HOLE	65515	89.0	90.0				1435	73			
			65516	90.0	91.0								
			65517	91.0	92.0								
			65518	92.0	93.0				1396	36			
			65519	93.0	94.0								
			65520	94.0	95.0								
			65521	95.0	96.0				1013	42			
			65522	96.0	97.0								
			65523	97.0	98.0								
			65524	98.0	99.0				1309	87			
			65525	99.0	100.0								
			65526	100.0	101.0				2286	240			

LI LN RESOURCES INC.
ESKER ZONE

DIAMOND DRILL LOG

PROPERTY : MT. MILLIGAN HOLE No. : 87-21 CLAIM : PHIL 9

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 90+05N SECTION :

DEPARTURE : 122+12E BEARING : S 35°E (145°)

ELEVATION : DIP : - 45°

DATE BEGUN : OCT. 11, 1987 SHEET No. : 1 of 4

DATE FINISHED : OCT 12/87 LOGGED BY : C.M. REBAGLIATI

TOTAL DEPTH : 107.01m DATE : OCT. 12, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Ag ppb	Au oz/t		
0.0	8.50m	Casing in overburden											
8.50	15.85	Augite andesite Fragmental: with silicified pyritic	65531	8.50	8.75	0.25			1405	33			
		intervals at 9.75 to 9.92m; 11.05 to 11.30m;	65532	8.75	9.75	1.0			855	76			
		13.80 4cm pyrite vein; Weak propylitic alteration	65529	9.75	9.92	0.17			9879	6850	0.179		
		1-4% pyrite. Disseminated, fracture filling and pyrite-	65530	9.92	11.05	1.13			784	73			
		calcite-quartz-epidote ~~epidote~~ veinlets.	65531	11.05	11.30	0.25			4590	5150	0.154		
			65533	11.30	12.30	1.0			483	69			
15.85	18.80	Augite Porphyry Andesite Dyke. Augite phenocrysts	65535	12.30	13.70	1.40			288	36			
		replaced by pyrite and epidote. Minor pyrite-	65534	13.70	14.0	0.30			264	68			
		quartz-calcite-epidote veining - 3 to 10% pyrite	65535	14.0	15.0								
			65536	15.0	16.0				235	32			
18.80	21.05	Augite + Feldspar Porphyry Andesite Fragmental	65537	16.0	17.0								
		Sausseritized feldspar - Bleaching around epidote	65538	17.0	18.0				(WITH	540)			
		altered patches. 1-3% pyrite.	65539	18.0	19.0				427	25			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
21.05	24.15m	Fine grained, greyish green, andesite dyke		19.0	20.0				(WITH	538,531)
		Calcite altered sheared in veins and silicified		20.0	21.0					
		Pyritic zones. All cut by quartz calcite pyrite chlorite		21.0	22.0				344	27
		1-2mm veinlets. 1 to 3% pyrite disseminated + fracture		22.0	23.0					
		fillings. This unit may correlate with the much		23.0	24.0					
		thicker fine-grained dyke cut in holes 18, 19 + 20.		24.0	25.0				615	38
24.15	60.45	Augite porphyry Andesite Fragmental: Many		25.0	26.0					
		varieties of porphyry and andesite fragments. Selectively		26.0	27.0					
		saussaritized fragments are widespread. Strong		27.0	28.0				348	22
		bleaching + saussaritization adjacent to 1mm thin		28.0	29.0					
		pyrite veins some chlorite and epidote. The alteration		29.0	30.0					
		selvages are 2 to 10 times wider than the pyrite vein		30.0	31.0				157	25
		itself. 30 to 100 per metre. Increasingly chloritic		31.0	32.0					
		from 38m to 42m where some shearing has occurred.		32.0	33.0					
		Minor chalcopyrite particularly with the pyrite		33.0	34.0				240	41
		filled fractures. 1-4% pyrite overall.		34.0	35.0					
		Silicification and bleaching from 56.75 to 60.45.		35.0	36.0					
		Increased pyrite 3-6%. Massive Pyrite and calcite vein		36.0	37.0				174	19
		13cm thick from 57.44 to 57.73m cuts core at 30° to		37.0	38.0					
		core axis.		38.0	39.0					
60.45	61.2b	Feldspar porphyry DYKE - Silicified, pyrite, calcite-pyrite and		39.0	40.0				246	20
		calcite-chlorite-pyrite filled fractures and 2mm quartz		40.0	41.0					
		stringers. Possible Monzonite		41.0	42.0				(WITH	563,564)

87-21 87-21 38 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			
61.26	64.40	Feldspar porphyry Andesite Fragmental Saussuritized plagioclase. 2 to 3% pyrite.	[illegible]	42.0	43.0				(WITH	562)			
			[illegible]	43.0	44.0				238	26			
			[illegible]	44.0	45.0								
64.40	67.40	Feldspar Porphyry Dyke. 10% disseminated pyrite. 3 pyrite veinlets. Sericite? altered feldspar - weakly saussuritized.	655566	45.0	46.0				220	25			
			[illegible]	46.0	47.0								
			655568	47.0	48.0								
			655569	48.0	49.0				263	61			
67.40	92.55	Andesite Fragmental. Less augite porphyritic - Weak to moderate propylitic alteration, in patches and along veinlets of pyrite which have epidote selvages. Numerous microfractures coated with pyrite. 2-6% pyrite overall. Only trace chalcopyrite	655570	49.0	50.0								
			655571	50.0	51.0								
			655572	51.0	52.0				264	28			
			655573	52.0	53.0								
			655574	53.0	54.0								
			655575	54.0	55.0				179	19			
92.55	94.07	Sheared - sericitic - carbonate and silicified alteration zone. 10% pyrite disseminated and fracture controlled. Local patches of chalcopyrite	655576	55.0	56.0								
			655577	56.0	57.0	1.0	1.0		298	70			
			655578	57.0	57.44	0.44			748	29			
			655579	57.44	57.75	0.31			65	21			
94.07	96.55	Andesite Fragmental - Moderate propylitic alteration pyrite - epidote and pyrite - calcite - quartz veinlets.	655580	57.75	59.0	1.25	1.25		533	157			
			655581	59.0	60.45	1.45			300	31			
			655582	60.45	61.26	0.81			630	122			
96.55	97.27	sheared - sericitic - carbonate and silicified alteration zone. 10% pyrite	[illegible]	61.26	62.0	0.74			432	64			
			655584	62.0	63.0				(WITH	556)			
			[illegible]	63.0	64.0				399	63			

87-21

87-21 4 of 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb	Au oz/t		
97.27	107.01	Andesite Fragmental - Moderate propylitic	65590	64.0	65.0				(WITH	584,585)			
		alteration 3 to 5% pyrite. 1-3 5-10mm pyrite	65591	65.0	66.0								
		veins per metre.	65592	66.0	67.0				167	49			
			65593	67.0	68.0								
107.01		END OF HOLE											
			65590	91.55	92.55	1.0	1.0		958	505			
			65591	92.55	94.07	1.52	1.52		3307	10210	0.362		
			65592	94.07	95.00	0.93	0.93		731	172			
			65593	95.00	96.55	0.55	0.55		504	182			
			65594	96.55	97.27	0.72	0.72		113	2380	0.081		
			65595	97.27	98.00	0.73	0.73		347	64			
			65596	98.0	99.0	1.0	1.0		419	72			

LIN N RESOURCES INC.

ESKER ZONE

DIAMOND DRILL LOG

PROPERTY : MT MILLIGAN HOLE No. : 87-22 CLAIM : PHIL 9

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 90+05N SECTION :

DEPARTURE : 122+21E BEARING : S35°E (145°)

ELEVATION : DIP : -45°

DATE BEGUN : Oct 12/87 SHEET No. : 1 of 1

DATE FINISHED : Oct 13/87 LOGGED BY : C.M. REBAGLIATI

TOTAL DEPTH : 9.45 DATE : OCT 13, 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb	Au oz/t		
0.0	6.0	Casing in overburden	65577	6.0	6.50	0.5	0.5		315	25			
6.0	6.5	Andesite - ground rubble.	65578	6.50	7.30	0.80	0.50		1342	5320	0.132		
6.5	8.60	Silicified - pyritic interval 5-40% pyrite. Highly	65599	7.30	7.93	0.63	0.45		650	580			
		oxidized rubbly intervals mixed with unoxidized	65600	7.93	8.60	0.67	0.67		1377	1420	0.041		
		intervals.	65601	8.60	9.45	0.85	0.80		884	114			
		6.50 - 7.30m highly oxidized											
		7.30 - 7.93 Unoxidized rubble											
		7.93 - 8.60 whole core. unoxidized											
8.60	9.45	Partly bleached andesite fragmental. 2% pyrite.											
9.45		END OF HOLE											

LINC N RESOURCES INC.

DIAMOND DRILL LOG

PROPERTY : MT MILLIGAN HOLE No. : 87-23 CLAIM : PHIL

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : 83400N SECTION :

DEPARTURE : 11975E BEARING : 090°E

ELEVATION : DIP : -50°

DATE BEGUN : Oct 13/87 SHEET No. : 1 of 2

DATE FINISHED : Oct 14, 1987 LOGGED BY : C.M. Rebagliati

TOTAL DEPTH : 33.41m DATE : Oct 14 1987

CORE SIZE : NQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb
0.0	18.75	Casing in overburden								
18.75	26.0	Augite Andesite porphyry. 2-5% disseminated								
		and fracture filling pyrite.	65602	25.0	26.0				410	54
		Fault at 20.90m 10cm	65603	26.0	27.0	1.0	1.0		692	33
			65604	27.0	27.55	0.55	0.55		701	127
26.0	30.40	Fine grained altered Tuff. Strong silicification	65605	27.55	28.55	1.0	0.60		521	140
		carbonatization and pyritization (pink calcite) from	65606	28.55	29.50	0.95	0.80		550	96
		27.55 to 29.50m. Heavy faulting + gouge in the	65607	29.50	30.40	0.90	0.90		442	54
		mineralized interval from 27.55 to 29.50m. 5% to 10%	65608	30.40	31.0	0.60	0.60		323	33
		pyrite and minor chalcopyrite.	65609	31.0	32.0					
			65610	32.0	33.0				393	29
30.40	44.20	Augite Porphyry Flow - minor fragmental intervals	65611	33.0	34.0					
		- flow breccias. 2% Py 30.40 - 34.50m.	65612	34.0	35.0					
		34.50 to 39.0m 10% Pyrite disseminated and	65613	35.0	36.0				1004	.124
		fracture filling, One 1cm pyrite carbonate vein/metre.	65614	36.0	37.0					

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu ppm	Au ppb			
		Minor chalcopyrite throughout the highly pyritic interval	65615	37.0	38.0								
			65616	38.0	39.0				1157	124			
			65617	39.0	40.0								
			65618	40.0	41.0								
44.20	47.0	Saussuritic Feldspar Porphyry. 5% disseminated Pyrite.	65619	41.0	42.0				934	48			
			65620	42.0	43.0								
			65621	43.0	44.0								
47.0	66.92	Andesite flow: Weakly propylitic 1-5% pyrite. mostly disseminated	65622	44.0	45.0				832	124			
		Strong propylitic alteration from 63.58 to 64.02m	65623	63.58	64.02	0.44	0.44		328	186			
		20% pyrite, minor chalcopyrite + magnetite - Calcite	65624	64.02	64.44	0.42	0.42		462	3			
		and epidote + and from 64.44 to 64.64	65625	64.44	64.64	0.20	0.20		374	185			
66.92	71.80	Andesite Fragmental - A few diorite clasts.											
		Weak to moderate propylitic alteration 2% pyrite											
		Trace chalcopyrite.											
71.80	76.0	Andesite flow: Very weak propylitic alteration 2%											
		Pyrite.											
76.0	85.90	GREEN Massive Andesite Tuff. Less than 1%											
		disseminated pyrite. Thin laminae at 85.80-85.90m @ 35° to C/A											
85.90	88.41	Andesite flow. 1% pyrite.											
88.41		END OF HOLE											

100 GEOLOGICAL BRANCH 100 200m
ASSESSMENT REPORT
SCALE 1:50,000

16 966

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C.E.C. ENGINEERING LTD.

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Drill Compilation

MT. MILLIGAN PROPERTY

Omineca Mining Division , B.C.

Technical work by:	N.T.S. :
Drawn by:	Scale:
Date:	Figure No. : 3