7/85

ASSESSMENT REPORT ON THE LUX GROUP OF MINERAL CLAIMS

IN THE KAMLOOPS MINING DIVISION

DRILLING REPORT - HIGHLAND VALLEY AREA

LOCATION: L.C.P. LUX #1 M.C.: UTMG COORDINATES: 1:50,000 N.T.S. - 92I/10 50°33'N 12**0**°54'E 5601,700mN,646,300mE

OWNER/OPERATOR:

GOLDRICH RESOURCES INC. 812-475 HOWE ST. VANCOUVER, B.C. V6B 2B3

AUTHOR:

P.K. HANNIGAN

DATE:

MAY 11,1984.

GEOLOGICAL BRANCH ASSESSMENT REPORT

12,838

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INTRODUCTION

The Lux Group of claims, owned and operated by Gold-rich Resources Incorporated, are located about 200 kilo-metres northeast of Vancouver in the Highland Valley (fig. 1).

This group occurs in the Kamloops Mining Division, about 26 kilometres southeast of Ashcroft. Access is accomplished via a gravel road travelling north off the Bethlehem Mine Access Road (Valley Copper). This gravel road crosses the Krain and Trojan properties and enters the west side of the claim group at the five-mile marker (fig. 2).

The elevation of the claims varies from 1220 to 1700 metres above sea-level encompassing Bose Hill.

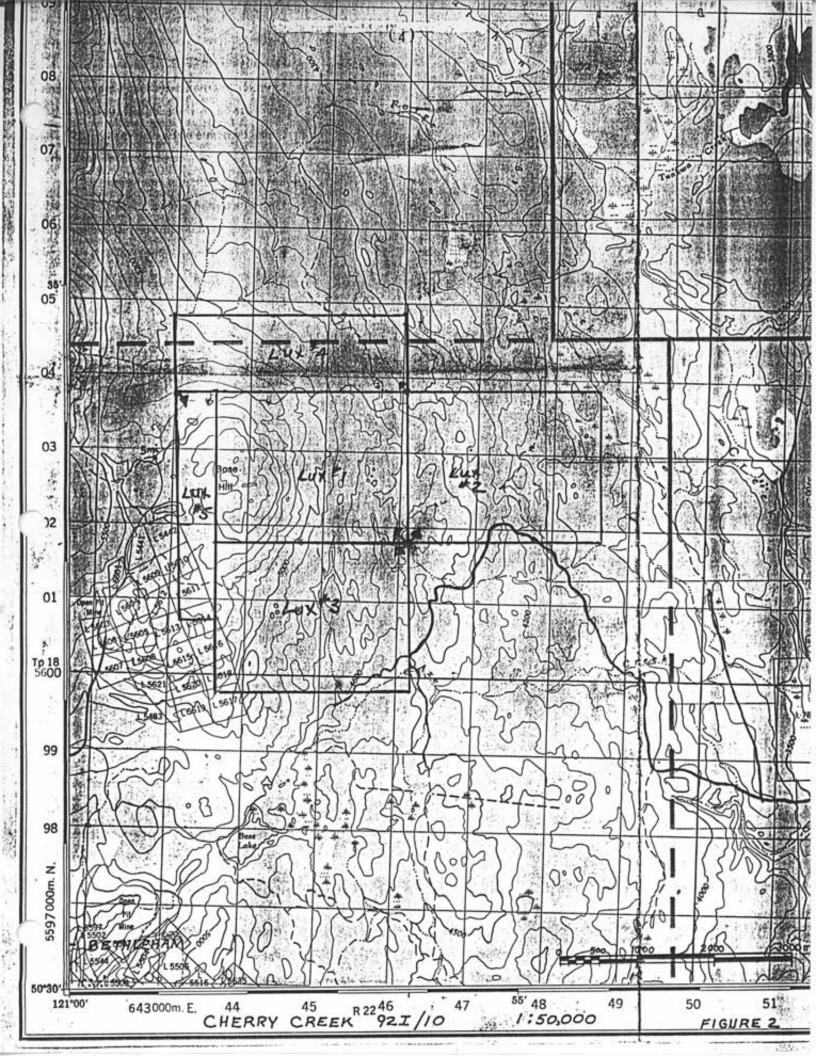
The Lux Group consists of five M.G.S. Mineral Claims that total 78 units (fig. 3).

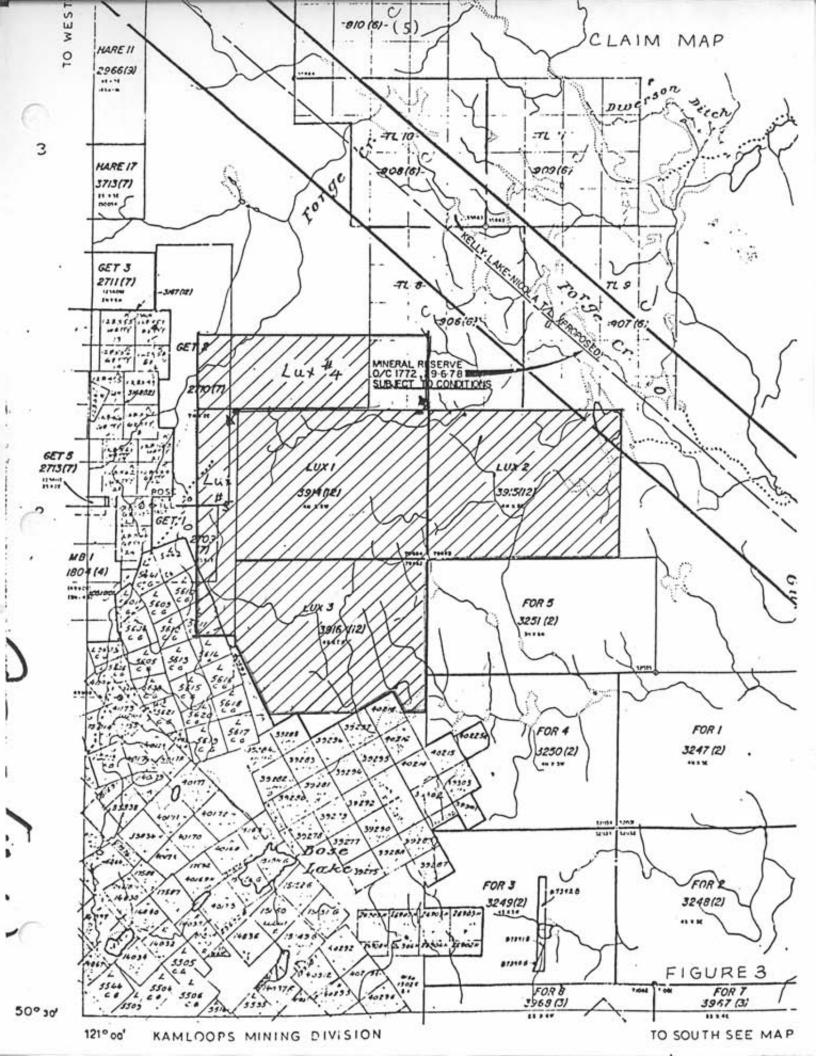
This property was owned by various operators through the 1950's and early 1960's. In 1964, Canzac Mines became owner and proceeded with road building, trenching, geophysics and diamond drilling. Eight holes were drilled totalling 1280 metres. This work was principally concentrated in the northwest corner of the group. In 1966, Chew-Walker Associates of Willowdale, Ontario prepared a geological report based on photogeology and previous work. Copper

occurences were discovered on Lux #1 during this work. Goldrich Resources acquired the property in 1982. In 1983, Goldrich constructed a grid, collected soil samples and performed some prospecting and mapping of the gridded area exclusively, (fig. 4). The gridded area covered parts of Lux #1, #3, #4 and #5. That leaves 2/3 of the property that has virtually no known previous exploration.

The proximity of known porphyry copper deposits and the Kamloops Volcanics/Guichon Intrusive contact suggests a positive economic potential for this deposit.

Two diamond drill holes were completed in 1984, (see fig. 4 for location). These holes were testing a shear proper near a concentration of trenches in Lux #4. Visible copper mineralization was noted in this shear zone. BQ core size was used and a total of 243.8 metres were drilled.





DETAILED TECHNICAL DATA AND INTERPRETATION

OBSERVATIONS.

The main purpose of the drilling program was to test a shear zone near a concentration of trenches of Lux #4 that exhibited copper mineralization on surface. Spotty malachite, azurite and bornite were noted during prospecting and mapping.

through most of the two holes (see fig. 5 and 6; logs).

Altered granodiorite occurs near fractures and possible fault zones. Potassium-feldspar (K-spar) enrichment seems to be the most common type of alteration. Epidotic and argillic alteration occurs on the fracture planes. Bleaching of the granodiorite suggests argillic alteration of the feldspars.

The main shear zone consisted of dark chloritic material that was very soft and crumbly. This material contained spotty copper mineralization, possibly chrysocolla. Brecciated altered granodiorite bands were noted beside this dark material. This zone was encountered in both holes, with the first hole containing visible copper mineralization.

Further downhole, on Lux DDH-1-84, another zone of mineralization was encountered. This time, disseminated

native copper was noted in dacitic as well as altered granodioritic material. This zone proved interesting enough to warrant drilling the next hole 100 metres away.

The main shear zone was encountered in Lux DDH-2-84, that is, dark chloritic material with chrysocolla. However the disseminated native copper was not observed. Near the bottom of the hole, there was, however, disseminated chalcopyrite in a very thin zone.

The core from these holes are now stored in the yard at Scope Exploration Services Ltd., 2549 Nicola Ave., Merritt, B.C.

RESULTS.

i) Lux DDH #1-84

A value of 2.20% copper along with 0.12 ounces/ton silver was observed over a core interval of 1.1 metres. However, it must be pointed out that this core interval is very suspect because 0.9 metres of core was lost on this run. Therefore, the anomalous value has an observed thickness of 0.2 metres. This interval occurs in the main shear zone.

Further downhole, a value of 0.11% copper over 0.8 metres and 0.10% of copper over 0.3 metres, produces a weighted average of 0.11% over 1.1 metres. Disseminated

native copper produced the anomalous interval.

ii) Lux DDH #2-84

Two anomalous zones were again encountered in this hole. The main shear zone again produced an anomalous value, that is, 0.76% copper and 0.09 ounces/ton silver over 0.1 metre. A zone of disseminated chalcopyrite was abserved near the end of the hole. It ran 3.18% copper and 0.12 ounces/ton silver over 0.05 metres.

CONCLUSIONS AND RECOMMENDATIONS.

Due to the encouraging copper values in the two diamond drill holes, this property has some potential for an economic deposit. More detailed prospecting and geochemical soil sampling should be attempted on the grid area. Possible new drill targets could be delineated at this time.

The remaining 2/3 of the Lux Group has no known previous exploration. Due to the proximal location of two ore bodies (South Seas Trojan Zone and North Pacific Krain Zone), this suggests that the rest of the Lux Group should be explored in the future. A grid should be constructed, then mapping, prospecting and geochemical soil sampling should be performed.

THOI CHI I COLL HOUSE CONTROL	PROPERTY LUX GROUP	HOLE No D . D . H #2-84
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	DIP TEST		
	ANGLE		
Footage	Reading	Corrected	
COLLAR	-450		
		<u> </u>	

Hole NoDDH#2-84 Sheet No. 1 of Section Date Begun April 12,1984	Lat 9+00N	Total Depth
Section	Dep. 8+50W	Logged By P. HANNIGAN
Date Begun April 12,1984	Bearing 2500	Claim Lux 4
Date Finished April 18,1984	Elev. Collar	Core Size .BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-4.6	Overburden						
4.6-84.1	Granodiorite (Guichon variety)						
	- coarse grained quartz-feldspathic intrusive						
	with up to 20% mafic minerals (biotite & horn-				ļ		
	blende). Light gray unaltered material. Bands						
	of pinkish K-spar-rich altered granodiorite with						
	epidote and chlorite enrichment along fractures,						
	Stringers and veinlets of quartz-carbonate.						
	Massive and sericitic.						
	4.6-5.6 -light gray coarse-grained intrusive,			,		ļ	
	clusters of gold-brown sericite crystals.		<u> </u>				
	5.6-6.7 -greenish alteration of granodiorite;						
	epidotic and argillic alteration; softer and						
	crumbly.						
	6.7-7.1 -dacite dike (?) - finer-grained quartz	0-					
	feldspathic material; clusters of golden-brown				ļ	<u> </u>	
	sericite.						<u> </u>
	7.1-15.2 -light gray coarse-grained granodiorite						
	with bands of greenish epidotic and argillic					ļ	
	alteration; occasional stringers of more					<u> </u>	
	strongly altered pinkish K-spar-rich material	ļ		1			
	near fractures. At 12.8, quartz-carbonate				<u> </u>	<u> </u>	

DIAMOND SAILL RECORD

PROPERTY	HOLE No
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	DIP TEST		
	ANG	GLE	
Footage	Reading	Corrected	Hole No
			Section .
			Date Be
			Date Fir

Hole No. DDH #2-84sheet No. 2. Of	8 _{at}	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished		

DEPTH	DESCRIPTION	SAMPLE No.	OF SAMPLE			
	stringer. Also bleaching in some fracture zones			-		
	-at 13.0 - core angle - 50°					
	15.2 - 18.5 -light gray coarse-grained grano-					
	diorite with minor epidotic and argillic altera-					
	tion in parts.					
	18.5-19.0 -andesite dike-fine-grained, quartze-					<u> </u>
	feldsparthic dark gray material - carbonate					
	stringers.					
	19.0-21.0 -light gray coarse-grained granodior-					
·	ite; minor alteration in parts; disseminated					
	sericite.					\perp
	21.0-21.1 -band of fine-grained granodiorite					
	or dacite; dark gray in colour.					
	21.1-23.7 -light gray coarse-grained granodior-				<u> </u>	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ite; bands of epidotic and argillic alteration				 <u> </u>	
	close to fractures; minor quartz-carbonate vein-					\bot
	lets; disseminated sericite.					
	23.7-26.8 -interbands of light gray coarse-					\perp
	grained granodiorite with bands of pinkish K-spa	r				_
	-rich altered granodiorite; quartz-carbonate					
	veinlets in parts.					_
	26.8-27.3 -rhyolite-quartz-carbonate band					

PROPERTY	HOLE No

	DIP TEST	
	ANG	GLE
Footage	Reading	Corrected

Hole No.DDH #2-84. Sheet No. 3. of	8 _{at.}	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
	bounded by well-altered granodiorite; fractured;			 	
	chl ritic and K-spar-alteration.			 	
•	27.3-30.0 -interbands of unaltered coarse-grain	ed		 	
	light gray granodiorite with bands of pinkish				
	to greenish to bleached altered margins near				
	fractures. Minor quartz-carbonate veinlets.				
	30.0-34.4 -unaltered coarse-grained light gray				i
	granodiorite with a few thin bands of pinkish				
	altered granodiorite along fractures.				
	34.4-38.1 -interbands of unaltered granodiorite				
	with bleached (argillic) bands of granodiorite				
	with pinkish bands near fractures. Minor quartz	_		 	
	carbonate stringers.				
	38.1-39.9 -interbands of unaltered granodiorite				
	with bands of pinkish K-spar-rich granodiorite.				
	39.9-41.0 -rhyolitic bands; brownish-gray fine				
	grained siliceous material with mafic phenocryst	s;			
	well-altered granodiorite bands interspersed;				
	chloritic and brecciated material in parts.				
	41.0-42.4 -coarse-grained light gray unaltered				
	granodiorite; clusters of mica.				
	42.4-44.2 -light gray coarse-grained granodiori	te			

PROPERTY	HOLE No

DIP TEST			
ANGLE			
Footage	Reading	Corrected	
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	+	 	
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Hole NoDDH #2-84 Sheet No4 of 8	Lat	Total Depth
Section		
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	(unaltered) with minor bands of altered material			 N		
	argillic & k-spar alteration; mica clusters.			 		
	44.2-50.3 -light gray coarse-grained unaltered			 		
	massive granodiorite.			 		
-	50.3-51.8 -light gray coarse-grained unaltered					
	granodiorite with some bands of altered granodi-					
•	orite near fractures; minor quartz-carbonate					
	stringers.					
	51.8-52.0 -well-altered and brecciated band;					
	very soft chloritic material beside a well-					
	brecciated altered granodiorite band brecciated					
	altered granodiorite fragments in a black			 		
	(chloritic?) matrix.					
	52.0-54.5 -light gray coarsegrained unaltered					
	granodiorite with bands of altered pinkish					
	granodiorite near fractures; some quartz-carbon-					
	ate stringers and chlorite fracture fillers;					
	disseminated sericite.					
	54.5-57.3 -medium-grained quartzose granodiorite	> ;				
	bands of coarse-grained altered granodiorite;					
	hematite(?) in parts.				<u> </u>	
	57.3-57.8 -greenish blocky granodiorite; epidot	e				

(13) DIAMOND ¬RILL RECORD

PROPERTY	HOLE No
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	DIP TEST			
	ANGLE			
Footage	Reading	Corrected		
		 		
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	<u> </u>			

Hole No. DDH#2-84. Sheet No	5of8 Lat	Total Depth
	Dep	
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	AMPLE No.	WIDTH OF SAMPLE			
	and chlorite alteration.					
	57.8-60.9 -light gray coarse-grained unaltered					
	granodiorite with bands of pinkish altered gran-					
	odiorite near fractures; bleaching (argillic)					
	in places; minor quartz-carbonate lenses.					
	60.9-63.0 -light gray coarse-grained unaltered					
	granodiorite with minor altered bands near frac-					
	tures; sericitic.					
	63.0-63.2 -pinkish altered band with quartz-					
	carbonate lenses; epidotic stringers.					
	63.2-65.3 -light gray coarse-grained slightly					ļ
	altered granodiorite with minor altered bands					
	near fractures.	· · · · · · · · · · · · · · · · · · ·				
	65.3-69.3 -somewhat altered greenish-gray coarse			 		
	grained granodiorite with altered bands near					
	fractures; epidote pervasive					
	69.3-71.8 -altered granodiorite; argillic,					
	epidotic and chloritic alteration near fractures			 		_
	carbonate in parts; quartz stringers as well.					<u> </u>
	71.8-78.6 -interbands of light gray unaltered gray	nodiurite a	and alteres			
	epidotic K-spar-rich bands along and bordering					
	fractures. Argillic bleaching in parts. At 73-					

PROPERTY	HOLE No

	DIP TEST					
	ANGLE					
Footage	Reading	Corrected				
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Hole NoDDII #2-84. Sheet No6. of .8	Lat	Total Depth
Section		
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu	Mo	Ag	Au
	hematitic staining; quartz-carbonate fracture						
	fillers.				<u> </u>		
	78.6-79.4 -altered granodiorite; K-spar-rich,	9767	0.8	0.04	L.001	0,01	
	sericite clusters						
	79.4-79.5 -well-altered black material; soft;	9768	0.1	0.76	L.001	0.09	
	chrysocolla(?)						
	79.5-80.2 -blocky altered granodiprite; K-spar-	9769	0.7	0.03	L.001	0.06	
	rich; argillic bleaching.		· ·				
	80.2-84.1 -light gray coarse-grained unaltered					'	
	granodiorite with bands of altered granodiorite;					<u> </u>	<u> </u>
	K-spar-rich and bleached argillic material near		1			<u> </u>	
	fractures.		<u>'</u>			,	<u> </u>
84.1-84.4	Rhyolite		<u> </u>				
	-medium brown fine-grained siliceous band;	<u> </u>	'				ļ
	carbonate stringers; chloritic fracture fillers						
84.4-86.5	Granodiorite						
	-light gray coarse-grained unaltered granodiorit	e					
	and bands of slightly altered granodiorite; K-						
	spar-rich and bleached near fractures.						
86.5-86.6	Rhyolite						<u> </u>
86.6-87.2	Granodiorite						
	-epidotic greenish-gray material; sericitic	9770	0.6			0.03	L,00

PROPERTY HOI	LE No
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	DIP TEST	
	ANG	GLE
Footage	Reading	Corrected
		
		
		

Hole No. DDH . #2-84 Sheet No. 7of.	8 _{Lat.}	Total Depth
Section	Dep	Logged By
Date Begun		
Date Finished		

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu	Mo	Ag	Au
87.2-87.5	Altered rhyolite						
	-yellowish-brown carbonatized & sericitic materia	1 9771	0.3	1		0.03	6,00
87.5-88.9	Diorite			 			
	-crumbly dark gray sericitic dioritic material	9772	1,4			0.03	0.00
88.9-90.2	Altered rhyolite			Í'		'	
	carbonitized rhyolitic material; minor gypsum(?	9773	0.3			0.03	L.00
90.2-91.5	Diorite					·	
	-crumbly dark gray sericitic diorite material;	9774	1.3	1		0.03	0.0
	medium-grained mafic-rich material; quartz strin-			1			
	gers; chloritic fracture fillers.						
91.5-119.6	Granodiorite (Guichon variety)			1			
	(as above)			1			
	91.5-95.4 -medium-grained variety; medium gray			<u> </u>			
	chloritic fracture fillers; minor K-spar-enriche	;d		<u></u> ,			
	bands near fracture; Sericitic; quartz-carbonate	;		<u> </u>			
	veinlets in fractures.						
	95.4-98.8 -Coarse-grained light gray unaltered						
	granodiorite with minor K-spar & epidote enriche	;d					
	bands near fracture. Core angle at 98-60°						
	98.8-99.2 -As above.	9775	0.4	0.02	L,001	0.03	
	99.2-99.3 -band of medium-grained medium gray	9151	0./	0.07	1.001	0.03	
	granodiorite; sericitic; trace of chalcopyrite.						

PROPERTY				HOLE No	
	DIP TEST]		
	ANO	GLE	DDU#2 94 9 9	£ 0	
Fo ot age	Reading	Corrected	Hole No Sheet No	f. 8	Total Depth
				Dep	

 Date
 Begun
 Bearing
 Claim

 Date
 Finished
 Elev. Collar
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Ciu	Mo	Ag	
	99.3-99.45 -coarse-grained light gray unaltered	9152	0.15	0.07	L,001	0,01	
	granodiorite; seriotic						
	99.45-99.5 -band of disseminated chalcopyrite i	n 9 ₁₅ 3	0.05	3.18	L.001	0.12	
	coarsegrained granodiorite and medium-grained						
	granodiorite						
	99.5-100.3 -coarse-grained light gray granodi-	9154	0.8	0.02	4.001	0,01	
•	orite; unaltered; massive; occasional quartz-		_		•		
	carbonate veinlets.						
	100.3-119.6 - As above. At 114.5 -granitic						
	fragments present						
119.6-120.1	Andesite .						
	-band of fine-grained intermediate volcanic						
	material; sericitic; massive				.,		
	END OF HOLE 120.1						
	•						
	·						

PROPERTY LUX GROUP	HOLE No. DDH #1-84
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	DIP TEST	
	ANG	GLE
Footage	Reading	Corrected
Collar	-45°	
		<u> </u>

Hole No. DDH#.184. Sheet No. 1. of. Section	Q _{at} 10+00N	Total Depth 123.7
Section	Dep. 9+00W	Logged By P. Hannigan
Date Begun April . 4, 1984	Bearing 2.500	Claim Lux 4
Date Finished April 10,1984	Elev. Collar	Core Size .BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		;	
0-24.4 24.4-123.7	Overburden					
24.4-123.7	Granodiorite - Guichon variety					
	-coarse-grained quartze-feldspathic intrusive					
	with up to 20% mafic minerals. Light gray unal-			 		
	tered material. Pinkish K-spar-rich altered			 		
	granodiorite with epidote and chlorite altera-			 		
	tion in fractures. Stringers and veinlets of					
	quartz-carbonate. Massive.					
	24.4-26.9 -light gray intrusive					
	26.9-30.6 -pinkish and greenish alteration. K-					
	spar and chlorite(?) -more calcareous - brecci-					
	ated in parts - quartz - carbonate veinlets			 <u> </u>		
	30.6-32.5 -coarse-grained light gray granodi-			 		
	orite					
	32.5-33.2 -layer of altered (chloritic + K-spar)			<u></u>	
	granodiorite					
	33.2-33.4 -light gray granodiorite			 -		
	33.4-33.7 -layer of altered (chloritic + K-spar)				
	granodiorite					
	33.7-34.7 -light gray coarse-grained granodior-			 		
	ite. Core angle at 34.0 - 55°					
	34.7-36.5 -light gray coarse-grained granodior-					<u> </u>

PROPERTY	HOLE No

	DIP TEST				
	ANG	GLE			
Footage	Reading	Corrected	Hole No. DDH#1-84. Sheet No. 2. of.	9Lat	Total Depth
				Dep	
	+		Date Begun	Bearing	Claim
				Elev. Collar	
	+				

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
	ite with stringers and layers of altered material				
	36.5-37.1 -light coarse-grained granodiorite				
	37.1-37.6 -altered band of pinkish and chlorities	c			
	granodiorite; carbonatized				
	37.6-38.4 -light gray coarse-grained granodior-	,			
	ite with minor pinkish stringers.				
	38.4-38.8 -altered band (K-spar-rich) -quartz-				
	carbonate stringers with epidote				
	38.8-47.2 -light gray coarse-grained granodior-				
	ite with minor altered stringers in fractures;				
	slightly magnetic in parts.				
	47.2-49.6 -altered material -K-Spar-chlorite-				
	epidote; quartz carbonate stringers.				
	49.6-50.6 -coarse-grained light-gray granodior-	-			
	ite				
	50.6-50.8 -band of pinkish altered granodiorite	>			
	with chlorite and tourmaline (?)				
	Core angle at 50.5 -65°				
	50.8-52.1 -coarse-grained light gray granodior-	-			
	ite				
	52.1-52.2 -band of pinkish altered granodiorite	ę			
	with chlorite and tourmaline bands.				

DIAMOND SAILL RECORD

PROPERTY	HOLE No

	DIP TEST			
	ANG	GLE	DDH #1 84 2 of 0	
Footage	Reading	Corrected	Hole No. #1-84 Sheet No. of 9 Lat.	-
	 	 	Section Dep	
		 	Date Begun Bearing	Claim
			Date Finished Elev. Collar	Core Size
				

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	52.2-53.4 -coarse-grained light gray granodior-				 -	
	ite					
	53.4-53.7 -band of altered granodiorite in					
	fracture with quartz-carbonate veinlets; chlorit	е				
	present; altered margins bounding fracture					
	53.7-55.2 -coarse-grained light gray granodior-			4444		
•	ite with minor pinkish bands along fractures;					
	fractures contain quartz-carbonate stringers wit	h				
	chlorite borders					
	55.2-56.2 -altered K-spar-rich granodiorite;					
	fractured; chlorite and carbonate occurs in					
	fractures; argillic alteration of feldspars;					
	epidote in parts					
	56.2-57.6 -light gray coarse-grained granodior-					
	ite with some altered bands					
	57.6-57.8 -andesite(?) dike; fine-grained dark					
	gray material; magnetic					
	57.8-59.0 -coarse-grained light gray granodior-					
	ite with some altered bands; chlorite fracture					ļ.
	fillers					
	59.9-59.7 -chloritic fracture fillers; brecci-					
	ated; feldspar fragments in chloritic matrix;					

PROPERTY	HOLE No

DIP TEST							
	ANGLE						
Footage	Reading	Corrected					
	-						
	 	 					

Hole No	Lat	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	this interval includes altered granodiorite on					
	borders					
	59.7-60.9 -coarse-grained light gray granodiori	te				
	with some altered bands; at 60 - medium-grained					
	microdiorite band					
	60.9-61.4 -quartz-carbonate veinlets and K-spar					
•	chlorite altered material fills fracture					
	61.4-62.0 -coarse-grained light gray granodior-					
	ite					
	62.0-62.7 -altered band; pink K-spar and chlor-					
	ite fractures filling; some quartz-carbonate					
	stringers				·	
	62.7-63.8 -coarse-grained light gray granodior-					
	ite; minor pink stringers					
	63.8-66.3 -altered band; K-spar predominates;					
	chlorite and quartz-carbonate fracture fillers.					
	66.3-67.2 -coarse-grained light gray granodior-					
	ite; minor quartz-carbonate stringers			<u>-</u>		
	67.2-67.6 -altered band (K-spar, chlorite and					
	epidote); quartz-epidote-carbonate veinlets					
	67.6-68.0 -coarse-grained light gray granodior-					
	ite					

	DIP TEST							
	ANGLE							
Footage	Reading	Corrected						
· · · · · · · · · · · · · · · · · · ·								
	 	_						
	 							

Hole No. DDH#1-84. Sheet No. 5. of	9 _{at.}	Total Depth
Section		
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu	Mo	Ag	
	68.0-68.1 -altered band; K-spar-epidote-quartz-						
	veinlets						
	68.1-68.5 -light gray coarse-grained granodior-						
	ite						
	68.5-68.6 -finer grained equivalent of granodi-						
	orite						
•	68.6-69.1 -light gray coarse-grained granodior-						
	ite .						
	69.1-70.3 -interbands of light gray coarse-						
	grained granodiorite and pinkish altered K-spar						
·	rich granodiorite; chloritic and epidotic alter-						·····
	ation; quartz-carbonate lenses						
	70.3-70.6 -andesite dike; fine-grained dark						
	greenish-gray massive mafic-rich flow						
	70.6-71.6 -light gray coarse-grained granodior-						
	with some altered bands						
	71.6-72.7 -altered band; K-spar-rich with quart	2 9751	1.1	0.07	L.001	0.12	
	veins; epidote stringers; fractured						
	72.7-73-8* -very altered dark gray to black	9752	1.1	2.20	4.001	0.15	
	chloritic(?) material; soft and broken up; coppe	r	*	L056 0.5	meens of	core in	this
	mineralization noted; chrysocolla (?)			interv	1		
	73.8-74.1 -altered granodiorite; K-spar-rich	9753	0.3	0.07	L.001	0.21	:

PROPERTY	HOLE No

	DIP TEST			
	ANGLE			
Footage	Reading	Corrected		
	-			

Hole NoDDH. #1-84. Sheet No6. of 9	Lat	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu	Mo	Ag	
	with epidote & chlorite						
	74.1-75.0* -very broken up altered granodiorite	9754	0.9	0.07	L.001	0.03	
	(K-spar & chlorite)		*	Lost C	13 Metres	of cov	د
	75.0-76.1 -broken up altered granodiorite (K-	9755	1.1	0.03	L.00i		
	spar, chlorite & epidote); some quartz-carbonate						
	veining						
	76.1-76.7 -interlayers of light gray unaltered	9756	0.6	0.02	L,001	0.03	
	granodiorite & pinkish altered K-spar-rich						1
	material						
	76.7-76.8 -very altered brecciated material;	9757	0.1	0.05	L.001	0.06	
	fragments of pink altered granodiorite in a dark						<u> </u>
	<pre>grey chloritic(?) altered ground mass; carbonate</pre>						
	lenses. Core angle at 76.8 -50°						
	76.8-77.3 -pinkish altered granodiorite; some	2758	0.5	0.02	L.001	L =01	
	more mafic-rich sections						
	77.3-78.9 -interlayers of light gray coarse-	9759	1,6	0.01	1.001	L,01	
	grained unaltered granodiorite & pinkish altered						<u> </u>
	granodiorite (K-spar-rich); chlorite, epidote &						
	quartz-carbonate stringers						
	78.9-79.6 -altered pinkish coarse-grained gran-	9760	0.37	0.02	L.001	4.01	
	diorite with disseminated native copper						
·	79.6-81.5 -interlayers of light gray coarse-	9761	1.9	0.01	L.001	0.03	

PROPERTY	HOLE No
1 1101 6111 1	HOLE NO

	DIP TEST	_			
	ANGLE				
Footage	Reading	Corrected			
	+				
	+				
	 				

Hole NoDDH#1-84 Sheet No. 7 of.	9_at	Total Depth
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
Water construction of the	grained unaltered granodiorite and pinkish alter						
	granodiorite (K-spar-rich)						
	81.5-89.7 -light gray coarse-grained somewhat					<u> </u>	
	unaltered granodiorite; few bands of altered						
	pinkish (K-spar-rich) granodiorite; also minor						
	chloritic & epidote bands; bleaching seems to						
	occur near the chlorite and epidote stringers.						
	89.7-93.1 -altered pinkish granodiorite; K-spar-						
	quartz-carbonate stringers; black altered (chlor-						
	itic?) material in stringers; epidote tends to						
	occur with quartz-carbonate; minor copper miner-						
	alization				*		
	93.1-95.1 -light gray unaltered granodiorite						
	interbanded with pinkish bands of altered K-spar	:					
	rich granodiorite; quartz-carbonate stringers.						
	95.1-95.9 -altered granodiorite; K-spar, epidot	e					
	and chlorite fracture filling.						
	95.9-100.2 -unaltered light gray coarse-grained			•			
	granodiorite; altered bands of pinkish granodior	-					
	ite; minor epidote & quartz carbonate stringers;						
	slightly magnetic in parts						
	100.2-102.8 -altered granodiorite; pinkish K-						

PROPERTY	HOLE No

	DIP TEST					
	ANGLE					
Footage	Reading	Corrected				
· · · · · · · · · · · · · · · · · · ·	+	 				
	+					

Hole NoDDH#1-84 Sheet No8of9	Lat	Total Depth
Section		Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu	Mo	Ag	
	spar predominates; chlorite and epidote fracture						
	fillers						
	102.8-103.3 -finer-grained pinkish altered	9762	0.5	0.03	L.001	0.06	
	granodiorite; more chlorite						
	103.3-104.2 - dacite dike with disseminated	9763	0.9	0.06	4.001	0.06	
	native copper; fine-grained quartze-feldspathic						
•	flow; chloritized						
	104.2-104.6 -light gray coarse-grained granodi-	9764	0.4	0.02	L.001	L,01	
	orite						
	104.6-105.4 -altered granodiorite; pink K-feld-	9765	0.8	0.11	6.001	0.06	
spar	spar alteration predominates; chlorite fracture						
	filler; disseminated native copper				· ·		
	105.4-105.7 -unaltered coarse-grained light	9766	0.3	0.10	6.001	0.06	
	gray granodiorite; minor disseminated native						
	copper						
	105.7-106.6 -K-spar pink altered bands with						
	interbands of unaltered granodiorite; chloritic						
	in parts						
	106.6-107.9 -unaltered granodiorite with thin						
	stringers of pinkish altered granodiorite						
	along fractures						
	107.9-110.7 -altered to somewhat altered						

PRO	PERTY	• • • • • • • • • • • • • • • • • • • •		HOLE No	
	DIP TEST				
	ANG	GLE	_		
Footage	Reading	Corrected	Hole NoDDH.# $1-84$. Sheet No 9	of9 Lat	Total Depth
			Section	Dep	Logged By
				Bearing	
				Elev. Collar	
	i				

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	pinkish K-spar rich granodiorite; chloritic					
	fractures					
	110.7-116.8 -light gray coarse-grained granodi-				 	
	orite with minor altered bands along fractures				 	
	116.8-118.3 -altered to somewhat altered pink-					i
	ish K-spar rich granodiorite. Chloritic & epi-					
	dote fracture fillers					
	118.3-123.7 -light gray coarse-grained massive					
	granodiorite with minor altered bands of grano-					
	diorite					
	END OF HOLE 123.7					
	a de la companya de					
				-		
	•					



TO Scope Exploration Ltd.

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

B.C. LICENSED ASSAYERS GEOCHEMICAL ANALYSTS METALLURGISTS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C. V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

#103B

Certificate No. __K 6283

Box 1101,				DateApril 23, 1984						
Merr	itt, B.C. VOK 2BO	-			_					
I h	crrby crrtify that the fo	llowing are the result	ts of assays mad	le by us upon the h	nerein described		_ samples			
Kral No.	Marked	Ag	Cu	Мо	-					
		ozs/ton	percent	percent						
1	9751	.12	.07	L.001		·				
2	9752	.15	2.20	L.001						
3	9753	.21	.07	L.001		ļ		1		
4	9754	.03	.07	L.001			ŀ	•		
5	9755	.03	.03	L.001			1	1		
6	9756	.03	.02	L.001			ĺ			
7	9757	.06	.05	L.001						
8	9758	L.01	.02	L.001						
9	9759	L.01	.01	L.001		İ				
. 10	9760	L.01	.02	L.001						
11	9751	.03	.01	L.001						
12	9762	.06	.03	L.001		1				
13	9763	.06	.06	L.001				1 .		
14	9764	L.01	.02	L.001						
15	9765	.05	.11	L.001						
16	97 6 6	.06	.10	L.001						
		ĺ		1	1 1	1	l l			

NOTE:

Rejects retained three weeks. Pulps retained three months unless otherwise arranged. Hat LINE

Registered Assayer, Province of British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

B.C. LICENSED ASSAYERS GEOCHEMICAL ANALYSTS METALLURGISTS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C. V2C 5P5 PHONE: (604) 372-2784 — TELEX: 048-8320 CERTIFICATE OF ASSAY

103 B

TO	Scope Exploration Ltd.	-				
		(Certifica	ate No	К 6294	·
	Box 1101,		Date	April	27, 1984.	
· .	Merritt, B.C. VOK 2BO Re: Project 103B					

I hereby certify that the following are the results of assays made by us upon the herein described __

__ samples

Kral No.	Marked	Au	Ag	Cu	Мо				
		ozs/ton	ozs/ton	percent	percent	·			
1	9151	_	.03	.07.0	L.001				
1 2	9152	_	.01	.07	L.001				
3	9153	_	.12	3.18	L.001				
4	9154	_	.01	.02	L.001				
. 5	9767	_	.01	.04	L.001				
6	9768	-	.09	.76	L.001				
7	• 9769	_	.06	.03	L.001			14,	
8	9770	L.001	.03	_	_				
9	9771	L.001	.03	-	-				
10	9772	.003		-	-				
11	9773	L.001	.03	_	_			. `	
12	9774	.001	.03	l _	_		}		
13	9775	_	.03	.02	L.001				
•									
				ļ					
	3								• .
]							}		
							1		
	L means "less than"						1		

NOTE: Rejects retained three weeks. Pulps retained three months unless otherwise arranged.

South LTNL

Registered Assayer, Province of British Columbia

Scope Exploration Services Ltd.

Box 1101 Merritt, B.C. VOK 2B0

S	T	T	E	[]	N	

May 28,1984

103B-84-12

Phone 378-6812

GOLDRICH RESOURCES INC. 812-475 Howe St. Vancouver; B.C. V6B 2B3

TERMS:

PLEASE DETACH AND RETURN WITH YOUR REMITTANCE

DATE	: CHARGES AND CREDITS	BALAN	ICE
	BALANCE FORWARD		
	INVOICE # 103B-84-12		
	Mobilization & demobilization D.D.H. 84-1	3,000 9,600	
	D.D.H. 84-2	9,456	00
	D-6 cat rental Water truck rental	6,240 4,480	00
	4x4 truck rental Charges above contract agreement		13
	Peter Nicholls, geologist.	2,470	00
	TOTAL PAID ON ACCOUNT	40,825. 27,984.	
	BALANCE \$	12,840	86
1	•		,
		٠	

Scope Exploration Services Ltd.

Thank You PAY LAST AMOUNT IN THIS COLUMN

INVOICE TO GOLDRICH RESOURCES INC.

Re: LUX GROUP DRILL PROGRAM.

CHARGES:

Mobilization and demobilization to the Lux Group of mineral claims.	\$3,000.00
Diamond Drill hole #84-1 400 feet @ 24.00 per	\$9,600.00
Diamond Drill Hole #84-2 394 feet @ 24.00 per	\$9,456.00
D-6 cat rental on the Lux Group, plowing roads to property, building drill sites, maintaining access roads, moving drill from site to site and standby	
Total cat hours 80 @ \$78.00 per	\$6,240.00
Water truck rental: (the guide to the evaluation of work for assessment purposes suggests \$50.00 per hour)	l
Actual charge: 160 hours @ 28.00 per	\$4,480.00
4x4 Truck Rental driller & helper 1 vehicle for 22 days @ 40.00 per	
geologist & cat operator for 22 days @ 40.00 per	\$1,760.00
ADDITIONAL CHARGES ABOVE CONTRACT	7
Haul drill partway to drill site from . Bethlehem turn-off 8 hours @ 97.50	\$ 780.00
Move drill onto site and set-up same	, ,
8 hours © 97.50	\$ 780.00
Move from 841 to 842 6 hours © 97.50 per	\$ 585.00

Set-up water truck with pump, et lst load of water to the drill 5 hours @ 97.50	c. Haul	\$487.50
5 Hours & 97.30	,	\$407.30
1- 4" tricone bit	171.50	
4- bags of quik gel @ 11.50 per	46.00	
7- bags of quik trol @ 9.00 per	63.00	
1 -cc #16 @ 4.00	4.00	
30 core boxes @ 5.50 per	165.00	
30 core box lids @ 1.00 per	30.00	
Kamloops Research & Assay Labora	itory <u>599.25</u>	
	1,078.75	
Plus 10% Scope Exploration	<u> 107.88</u>	45 504 4
		\$1,186.63
Change for Datas Hamises Cast		
Charges for Peter Hannigan, Geol Spotting drill holes, drill supe		
core logging, report preparation		
core rogging, report preparation	•	
13 days @ \$190.00 per		\$2,470.00
The state of the s		, , , , , , , , , , , , , , , , , , , ,
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TOTAL OF THIS INVOICE:

\$40,825.13

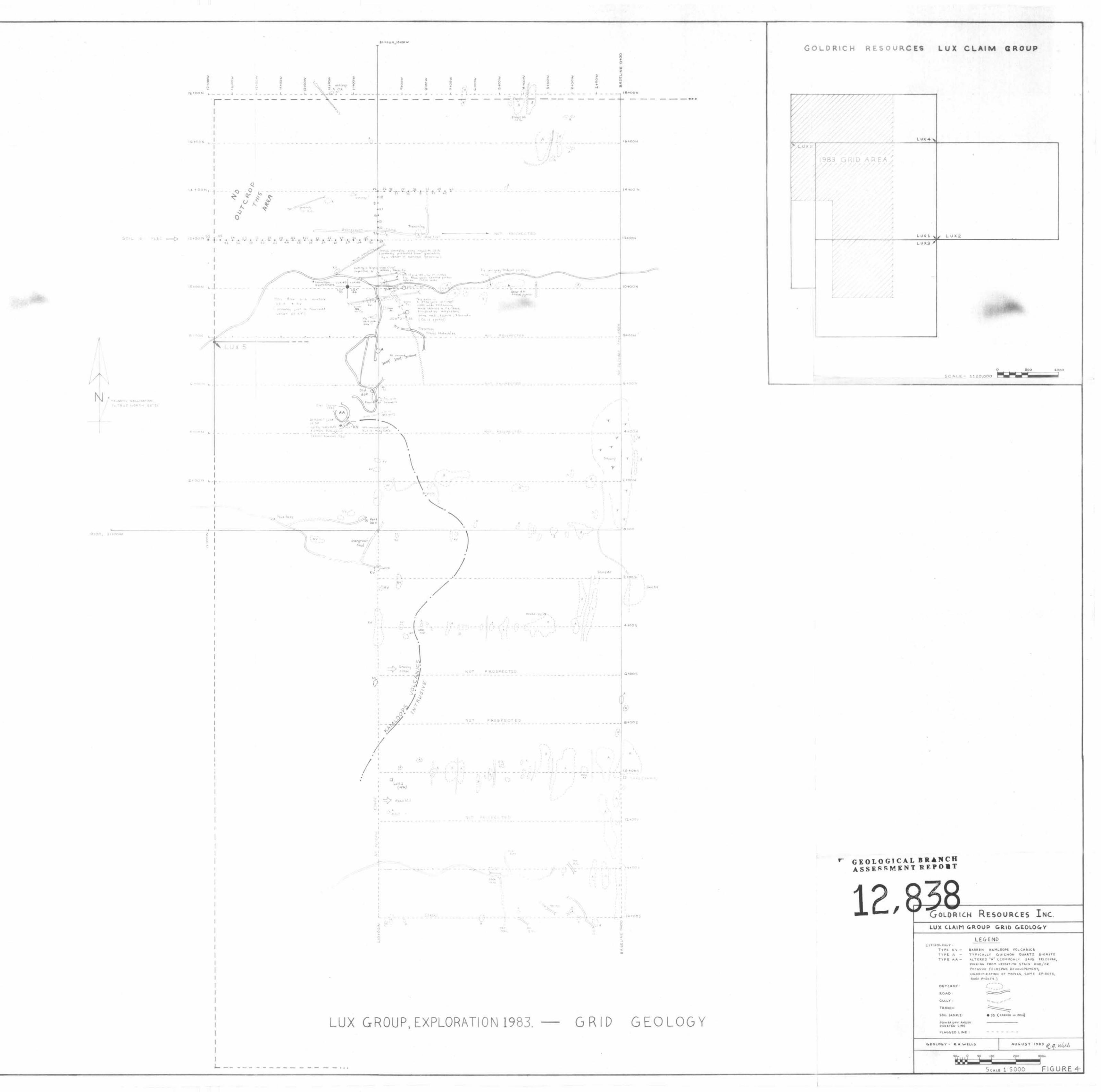
AUTHOR'S QUALIFICATIONS

- I, Peter K. Hannigan of Merritt, British Columbia, do hereby certify that:
- 1. I am a geologist employed by Scope Exploration Services Ltd. P.O. Box 1101, Merritt, B.C.
- 2. I am a graduate of the University of Calgary, with a BSc. Degree in Geology (1975).
- 3. I have practised my profession since graduation.
 My previous employers include Sherritt Gordon Mines
 Limited of Lynn Lake, Manitoba and Geophoto Services
 Incorporated of Dallas, Texas.
- 4. This assessment report is based on research and field work conducted by myself and support crew during April 1984.

Respectfully submitted,

Peter K. Hannigan, May 11,1984.

Peter Hannigan



SECTION LOOKING AZ.340°

GEOLOGICAL BRANCH ASSESSMENT REPORT

ASSAY RESULTS

SAMPLE Eu Mo Ag Au

No 9751

9752

9753

9754 9755

9756

9757

9758

9759

9760

9761

9762

9763

9764

9765 976€ % % Oz/Ton

07 L001 12 -

2 20 L 00 15 -

07 L 001 21 -07 L 001 03 -

03 L001 03 -

02 L001 03 -

05 L001 06 -

02 L00| L0| -

01 L001 L01 -

05 F001 F01 -

01 L001 03 -03 L001 06 -

.06 L00I 06 -

02 L001 L01 -

.11 LODI 06 -

_10 L001 D6 -

12, 30 DRICH RESOURCES INC.

LUX GROUP

SECTION DDH.-84-1

LEGEND

GRANODIORITE (GUICHON)

ALTERED GRANODIORITE

ALTERED MATERIAL (CHLORITE 2)

ANDESITE DIKES?

DACITE BAND

COPPER MINERALIZATION

9751 ASSAY SAMPLE NUMBER

CORE ANGLE

DWG BY RM

Cu

GEOLOGY-PHANNIGAN

SCALE 1:250

FIG.5

90 kind services (100 kind) (100

