



42A12SE0238 42 ROBB

010

DIAMOND DRILLING

Township: Robb

Report No: 42

WORK PERFORMED FOR: Legion Resources Ltd.

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	^{metray} <u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 725003	LR-87-1	100.27'	Jan/87	(1) (2)
P 725004	LR-87-2	125.00'	Feb/87	(1) (2)
P 724998	LR-87-3	114.90'	Jan/87	(1) (2)
P 724998	LR-87-4	100.27'	Jan/87	(1) (2)
P 724998	LR-87-5	182.00'	Jan/87	(1) (2)

5DDH -

622.44'

NOTES: (1) #29-87 (filed in July/87)

(2) MEMORANDUM SUBMITTED UNDER OMEP REPORT #OM 86-5-P271 - added to file. APRIL 1989

DIAMOND DRILL RECORD

C. von Hessert & Associates Ltd.

Name Property Legion Resources LimitedHole No. LR87-1 Length 100.27 mHole No. LR87-1 Sheet No. 15Grid Coordinates 2+00W 3+10NElevation _____ Azimuth 340° Dip -50°Started Jan. 27, 1987 Finished Jan. 29, 1987Logged by R. van Ingen


FOOTAGE		DESCRIPTION	SAMPLE			A*S*S*A*Y*S	
FROM	TO		No.	from	to	Length	Au, Ag oz/ton
0	14.10	<u>Overburden</u>					
14.10	100.27	<u>Anorthositic Gabbro</u>					
		<ul style="list-style-type: none"> - weakly propylitized with occasional calcite and quartz veinlets except strongly so in shears as noted below - scattered coarse grained sections - minor amounts of fresh white to light pinkish feldspar especially in the coarse-grained sections called "syenodiorite" in logs of drill holes 3 and 4. - scattered traces of pyrrhotite and pyrite associated with black amphibole and light grey pyroxene and sometimes accompanied by minor magnetite and/or a faint trace of chalcopyrite e.g., 16.53 - 17.37 and 26.34 - 27.00. - chloritic shears and banded calcite veins at 30-40° to core axis in calcite - altered metagabbro 29.06 - 31.98 and 32.70 - 33.30 (schistosity at 10° to core axis) - fine-grained feldspathic dike 51.80 - 51.95 with contacts approximately at 60° to core axis - monzonite 52.20 - 52.45 - coarse-grained syenodiorite 52.94 - 53.84 - chlorite - epidote - calcite altered sheared metagabbro with a trace pyrrhotite and pyrite 54.54 - 55.10 - banded calcite ± quartz veins 10 cm at 62.65, 20 cm at 66.64 at 20-30° to core axis bordering calcite - altered anorthositic gabbro and gabbro with trace pyrite and pyrrhotite 64.00 - 64.64 					
			7361	16.53	17.37	0.84	
			7362	26.34	27.00	0.66	
			7363	29.06	30.16	1.10	
			7364	30.16	31.36	1.20	
			7365	31.36	31.98	0.62	
			7366	32.70	33.30	0.60	
			7367	51.87	52.47	0.60	
			7368	54.53	55.05	0.52	
			7369	62.65	64.00	1.35	
			7370	64.00	65.10	1.10	
			7371	65.10	66.10	1.00	
			7372	66.10	66.84	0.74	

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W. von Hessert

Name  property Robb Twp.

Hole No. 1 Sheet No. 17

FOOTAGE		DESCRIPTION	SAMPLE			A*S*S*A*Y*S	
FROM	TO		No.	from	to		Length
		<p>Summary</p> <p>Anorthositic gabbro and minor amounts of syenodiorite were intersected in this hole which was directed across a VLF anomaly. Several zones of intense calcite-chlorite alteration might account for the VLF anomaly. An alternative explanation are the fessite and monzonite dikes cut at a depth of 51.80 - 52.35 which may form a bedrock topographic ridge.</p> <p>Scattered traces, locally up to 2% (over 10 cm) pyrrhotite, pyrite, magnetite and chalcopryite are associated with concentrations of black amphibole and light grey pyroxene - assumed to be mafic magmatic differentiates.</p>					

DIAMOND DRILL RECORD

C. von Hessert & Associates Ltd.

Name XXXXXXXXXX Property Legion Resources Limited
 Robb Twp

Hole No. LR87-2 Length 125.0 m
 Grid Coordinates 2+00W 1+75S
 Elevation _____ Azimuth 295° AZ Dip -45°
 Started Jan. 30, 1987 Finished Feb. 1, 1987

Hole No. 2 Sheet No. 18Logged by RVI

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au, Ag oz/ton		
0	3.04	<u>Overburden</u>							
3.04	63.89	<u>Contaminated Aplitic Granite</u>							
		- fine to medium grained, mottled pink to greenish grey							
		- massive to shear banded, the latter especially 7.90 - 10.60 at 25° to 35° to core axis							
		- recrystallized texture (formed by "crushing"?) with pervasive calcite alteration in the ground mass surrounding quartz grains.							
		- relatively high density (cf gabbro in holes 3-5) of quartz ± calcite ± chlorite - filled fractures conformable with, and also cross-cutting the foliation in at least 2 stages.							
		- a dolomite veinlet, 3 mm thick, bordered by chlorite, at 18.45							
		- very variable mafic mineral content (1-15%) including amphibole, chlorite, specularite, hematite, sphene-leucoxene (1-2%) and epidote (the last relatively abundant in patches 21.70 - 28.50.							
		- trace disseminated pyrite, euhedral to rounded grains, 7.60 - 8.00, 20 cm at 9.90, 20 cm at 11.27 and 10 cm at 12.30.	7377	7.52	8.12	0.60			
			7378	9.74	10.64	0.90			
			7379	10.64	11.57	0.93			
		- trace magnetite 14.12 - 17.00	7380	11.57	12.80	1.23			
		- chloritic veinlets 15.50 - 15.90	7381	12.80	14.32	1.52			
		- relatively siliceous and leucocratic 3.04 - 7.80	7382	14.32	15.85	1.53			
		18.30 - 19.50 (the latter including blue-grey quartz).	7383	18.30	19.50	1.20			
		- light grey, leucocratic siliceous with occasional patches of red hematite straining and red spots of earthy hematite with which traces of pyrite sometimes associated 28.50 - 39.50	7384	35.66	37.18	1.52			
			7385	37.18	37.78	.60			

W. Hessert

F O O T A G E		DESCRIPTION	S A M P L E				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag oz/ton		
		- quartz and dolomite veinlets bordered by chlorite 1 cm thick at 35.88 and similarly at 36.44; 2 cm thick but including disseminated euhedral pyrite at 38.20 and in the wallrock 38.10 - 38.40	7386	37.78	38.70	0.92			
			7387	39.50	40.87	1.37			
			7388	40.87	42.25	1.38			
		- bleached, sericitic, pyritic (trace) zone 39.50 - 42.25 including quartz veinlets cut by shears containing "kaolin" about parallel to core axis.							
		- chlorite-rich including a barren chloritic veinlet parallel to core axis 42.25 - 44.00							
		- trace -to- 2% disseminated magnetite 44.00 - 53.90							
		- trace pyrite and magnetite and occasional barren quartz veinlet and locally sheared at 40° to core axis 53.90 - 56.79.	7389	53.30	53.90	0.60			
			7390	53.90	55.35	1.45			
			7391	55.35	56.79	1.44			
		- pink, pervasive calcite alteration and cut by numerous calcite ± chlorite ± quartz veinlets 56.79 - 59.10	7392	56.79	57.94	1.15			
			7393	57.94	59.10	1.16			
		- light grey, siliceous, chloritic mottling occasional quartz veinlets 59.10 - 63.89	7394	59.10	60.04	0.94			
63.89	67.46	<u>Altered Mafic Intrusive Screen?</u>	7395	63.89	64.61	0.72			
		- green, very chloritic							
		- sheared at 30° to core axis, calcite - altered and trace pyrite 63.89 - 64.00							
67.46	104.21	<u>Contaminated Porphyritic Granitoid</u>							
		- pink feldspar ± quartz porphyritic							
		- mafic minerals as before							
		- leucocratic with trace pyrite bordering grey, quartz veinlets 68.10 - 68.30, at 69.80 and at 71.30	7396	67.76	68.50	0.74			
			7397	69.80	71.30	1.50			
		- chlorite and calcite veinlets and shears often parallel to core axis 87.47 - 92.10 including disseminated pyrite at 90.52 and 91.22	7398	90.52	91.22	0.70			
		- blue-grey quartz and pink feldspar porphyritic 92.10 - 103.61							
		- occasional earthy hematite spots							

Name property Robb Twp.

Hole No. 2

Sheet No. 2

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S Au,Ag oz/ton
FROM	TO		No.	from	to	Length	
		- streaks of heavy disseminated pyrite \leq 2 cm thick often adjacent to grey quartz veinlets sometimes with dolomite or calcite crystals at 95.65, 97.30 (parallel to core axis for 50 cm), 100.39, 101.29, 101.44	7399	95.25	96.32	1.07	
			7400	96.32	97.22	0.90	
			7401	97.22	98.14	0.92	
			7402	98.14	99.66	1.52	
			7403	99.66	100.89	1.23	
		- above type of vein rarely cut by calcite \pm hematite + trace pyrite veinlets	7404	100.89	102.11	1.22	
		- barren, white quartz veinlets relatively abundant 96.4 - 101.20 (the last one being 20 cm thick					
		- chlorite schistose, quartz porphyritic, with good trace pyrite 103.61 - 104.21	7405	103.61	104.21	0.60	
104.21	125.00	<u>Contaminated K-spar Porphyritic Granitoid and Bands of Aplitic Granite</u>					
End of Hole		- gradational contact with previous unit					

F O O T A G E		DESCRIPTION	S A M P L E				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au, Ag oz/ton		
		<p>Summary</p> <p>The hole was directed obliquely across a VLF-EM anomaly that coincides with a narrow linear depression between two large outcrops. The granitoid rocks intersected are aplitic to porphyritic in texture and contaminated with a variable amount of mafic minerals including chlorite, epidote, sphene, specularite, hematite and magnetite. They are distinctly sheared in several sections where the alteration minerals are usually calcite and chlorite. However in the section between 39.50 and 42.25 there is strong sericite ± kaolin alteration with deformed quartz veinlets and a trace of pyrite. Traces of pyrite, locally in stringers and accompanied by quartz veinlets, are scattered throughout the hole.</p>							

DIAMOND DRILL RECORD

C. von Hessert & Associates Ltd.

Name XXXXXXXXXX Property Legion Resources LimitedHole No. LR87-3 Length 114.90 mHole No. 3 Sheet No. 10Grid Coordinates L2+00E 0+50EElevation _____ Azimuth 340° AZ Dip -45Started Jan. 21, 1987 Finished Jan. 22, 1987Logged by R. van Ingen

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag oz/ton		
0	5.23	<u>Overburden</u>							
5.23	25.40	"Syenodiorite" or anorthositic gabbro with minor pinkish-beige "K-spar" - medium grained with numerous scattered bands of pegmatitic quartz gabbro and pink granite pegmatite - trace disseminated pyrite in contact zones e.g. 12.60 - 13.40 - minor shearing and calcite-quartz veinlets at 40° to core axis at 13.00 - granite pegmatite 20.50 - 21.45 - bleached, pitted, chloritic and epidote altered limonitic residual clay and 10% white quartz veinlets 21.45 - 22.30	7339	12.60	13.40	.70			
			7340	21.40	22.30	.90			
25.40	28.00	<u>Granite Pegmatite</u> contaminated with undigested gabbro and trace pyrite - slightly bleached 27.10 - 28.00							
28.00	31.40	<u>Bleached Syenodiorite</u> , coarse grained - solution pitted - "epidote" alteration and limonitic residual clays - sheared and well-fractured at 30 - 40° to core axis 28.00 - 28.85	7341	28.00	28.85	0.85			
			7342	28.85	30.16	0.31			
			7343	30.16	31.40	1.24			
31.40	32.35	<u>Bleached, Altered "Quartz Monzonite"</u> - porphyritic -to- medium grained - about 4% disseminated sphene	7344	31.40	32.35	0.95			

Ch. Hessert

F O O T A G E		DESCRIPTION	S A M P L E				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag oz/ton		
32.35	33.41	<u>Bleached Aphanitic Granitoid</u> - upper contact at 35° to core axis - siliceous - 5% disseminated sphene	7345	32.35	33.41	1.06			
33.41	33.80	<u>Bleached, Chloritic Meta - Gabbro</u> - pitted	7346	33.41	33.85	0.44			
33.80	34.80	<u>Sheared Meta-Gabbro</u> - calcite altered trace pyrite - sheared at 55° to core axis - <u>8 cm white quartz vein at 32.45</u>	7347	33.85	34.90	1.05			
34.80	35.90	<u>Syenodiorite</u> , coarse grained - 4 cm 10% euhedral coarse pyrite at 34.80							
35.90	56.90	<u>Anorthositic Gabbro</u> - fresh white feldspar - medium grained alternating with coarse grained texture - gabbro 43.00 - 43.70 - massive, beige aphanitic felsite with occasional chloritic inclusions and calcite veinlets 46.40 - 47.54 - bull quartz vein with minor chloritic inclusions 47.54 - 48.25 - chlorite and calcite sheared at 50° to core axis 48.25 - 48.75 - pinkish pegmatitic 35 cm at 50.50	7348	43.00	44.00	1.00			
			7349	46.40	47.54	1.14			
			7350	47.54	48.25	0.71			
			7351	48.25	48.75	0.50			
56.90	61.75	<u>Gabbro</u> - occasional inclusion of syenodiorite - 25 cm sheared or flow banded at 20° to core axis at 58.75 - calcite bleached 60.00 - 61.00 including 15 cm white quartz vein at 35° to core axis at 60.30	7352	60.00	61.00	1.00			

Name of property Robb Twp.

Hole No. 3

Sheet No. 12

F O O T A G E		DESCRIPTION	S A M P L E			Length	Au,Ag oz/ton	A*S*S*A*Y*S
FROM	TO		No.	from	to			
61.75	69.18	<u>Syenodiorite</u> - feldspathic pegmatite 61.30 - 62.00						
69.18	71.90	<u>Pegmatitic Gabbro</u>						
71.90	73.30	<u>Anorthositic Gabbro, medium grained</u>						
73.30	81.40	<u>Pegmatitic Syenodiorite Alternating With Gabbroic Anorthosite</u> - 2 cm blue-green "apatite" and quartz band at 10° to core axis at 76.40						
81.40	82.70	<u>Pegmatitic Anorthositic Gabbro</u> - rare speck pyrrhotite - grades down to -						
82.70	83.65	<u>Pegmatitic Gabbro</u> - mafic rich - trace - to - 2% disseminated pyrrhotite > pyrite >> chalcopyrite increasing down hole; associated with "hornblende" - sharp contact below with	7353	82.70	83.65	0.95		
83.65	92.00	<u>Anorthositic Gabbro</u> - occasional patch syenodiorite and bands of pegmatitic gabbro - calcite bleached 17 cm including banded quartz-calcite vein at 25° to core axis at 84.60	7354	84.45	85.30	0.85		
92.00	97.80	<u>Anorthositic Gabbro, Calcite-Altered and Veined</u> - locally sheared at 30° - 40° to core axis - faint trace pyrite unrelated to shearing and calcite and chlorite alteration - 20 cm calcite vein at 97.15	7355	93.48	94.38	0.90		
			7356	94.38	95.60	1.22		
			7357	96.90	97.40	0.50		
97.80	102.91	<u>Pegmatitic Gabbro Alternating With Coarse Grained Syenodiorite</u> - occasional patch granite pegmatite						

F O O T A G E		DESCRIPTION	S A M P L E			A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag oz/ton	
		<p>Summary</p> <p>The hole was directed across a VLF-EM anomaly. One bedrock explanation for this anomaly is a bleached zone 28.00 - 33.80 coincident with granitoid intrusives and gabbroic wallrocks. In this zone calcite was dissolved out leaving limonitic residual clays and discoloured feldspars. There are also zones of shearing (minor) and calcite-chlorite alteration in the gabbroic rocks deeper in the hole. A bull quartz vein and associated felsite 46.40 - 48.25 presumably forms a bedrock topographic high ridge that might be VLF-EM conductive.</p> <p>The anorthositic gabbroic rocks are often coarse-grained in this hole.</p> <p>A mafic-rich, pegmatitic gabbro contains trace -to- 2% disseminated pyrrhotite-pyrite and chalcopyrite 82.70 - 83.65.</p>						

DIAMOND DRILL RECORD

C. von Hessert & Associates Ltd.

Name of Property Legion Resources Limited

Hole No. LR87-4 Length 100.27 mHole No. 4 Sheet No. 6Grid Coordinates L2+00E 1+20NElevation _____ Azimuth 340° AZ Dip -45°Started Jan. 17, 1987 Finished January 19, 1987Logged by R. van Ingen

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au, Ag oz/ton		
0	17.67	<u>Overburden</u>							
17.67	21.63	<u>Anorthositic Gabbro</u> ; medium grained, weak propylitic alteration; trace sphene - 9 cm magnetic, coarse grained gabbro with trace pyrite at 21.28							
21.63	24.28	<u>Gabbro</u> ; coarse grained, trace disseminated pyrite at 23.40							
24.20	29.36	<u>Pegmatitic Monzonite</u> , good trace sphene - 20 cm disseminated magnetite (2%) and trace pyrite at 25.95							
29.36	30.60	<u>Anorthositic Gabbro</u>							
30.60	31.10	<u>Gabbro</u> , coarse grained							
31.10	31.48	<u>Anorthositic Gabbro</u>							
31.48	32.18	<u>"Monzonite"</u> , medium grained							
32.18	33.61	<u>"Syenite"</u> , possibly albitite, with about 2% sphene							
33.61	34.41	<u>Anorthositic Gabbro</u> - trace pyrite in mafic-rich, upper contact zone over 5 cm							
34.41	34.96	<u>"Syenite"</u> as before							
34.96	37.50	<u>Amphibolite</u> , coarse grained, chloritic - occasional grey quartz blobs and veinlets - occasional solution cavities (calcite removed?) - 6 cm minor shear and limonitic bleaching at 35.60	7322	36.55	37.50	.95			

U. van Hant

F O O T A G E		DESCRIPTION	S A M P L E				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag oz/ton		
37.50	37.80	<u>Gabbro</u> , chloritic	7323	37.50	38.40	0.90			
37.80	38.98	<u>Bleached Anorthositic Gabbro</u> ; chloritic - limonitic bleaching of feldspars - vuggy fractures (calcite removed?) 10-70° to core axis, increasing with depth	7324	38.40	38.98	0.58			
38.98	40.20	<u>Quartz Veins</u> ≤ 10 cm, white, barren, in punky altered anorthositic gabbro as above - 0.60 meter ground core - probable fault zone, but no shearing evident	7325	38.98	40.20	1.22			
40.20	42.37	<u>Bleached Pegmatitic Monzonite</u>	7326	40.20	40.70	0.50			
			7327	40.70	41.75	1.05			
42.37	42.77	<u>Gabbro</u> , chloritic, talcy and limonitic alteration - trace sphene	7328	41.75	42.37	0.62			
42.77	43.29	<u>Pegmatitic Monzonite</u> - upper contact is bleached and pitted with solution cavities	7329	42.37	43.29	0.92			
43.29	44.70	<u>Magnetite - "Ilmenite" Mafic Differentiate</u> - about 20% magnetite	7330	43.29	44.70	1.41			
44.70	95.40	<u>Syeno-diorite</u> or anorthositic gabbro - about 50 - 80% feldspar including about 5 - 20% "alkali feldspar", euhedral to creamy patches - about 1% disseminated magnetite decreasing down the hole to trace amounts - coarse grained gabbro bands 49.85 - 50.90 5 - 80° to core axis, includes 15 cm bleached and sheared at 40° to core axis with much sphene at 50.10 - coarse grained monzonite with about 1% pyrite 55.50 - 56.10 including 2 cm barren quartz veinlet at 30° to core axis - slightly sheared at 35° to core axis 60.04 - 61.80 with trace disseminated pyrite and associated chloritic alteration and quartz veinlets	7331	49.85	50.50	0.65			
			7332	55.50	56.10	0.60			
			7333	61.00	61.80	0.80			

Name of property Robb twp.

Hole No. 4

Sheet No. 8

FOOTAGE		DESCRIPTION	SAMPLE			Length	Au,Ag oz/ton	A*S*S*A*Y*S
FROM	TO		No.	from	to			
		- "syenitic" 62.46 - 62.86						
		- ilmenite and black homblende needles + biotite increasing down hole in lieu of magnetite where traces of pyrrhotite rather than pyrite are evident						
		- interbands of sphene-rich, magnetic gabbro trace pyrite at 70.10 - 70.70, 71.80 - 72.00, 73.83 - 74.05						
		- 20 cm "syenite" and trace oxidized pyrrhotite at 76.60	7334	76.10	76.70	0.60		
		- minor shearing at 35° to core axis and vuggy quartz veinlet at 79.95						
		- pyritic gabbro at 80.80						
		- minor shearing at 50° to core axis at 82.50 with good trace pyrite and occasional quartz - calcite veinlets	7336	82.30	83.10	0.80		
		- sphene and leucoxene-rich gabbro 83.00 - 83.50						
		- minor shearing 83.50 - 84.62						
		- pyrrhotite-rich (1/2%) gabbro (chloritic) 92.00 - 93.00	7337	91.85	92.57	0.72		
		- calcite stringers and rare speck chalcopyrite at 92.00						
95.40	98.40	<u>Gabbro</u> , coarse grained						
98.40	100.27	<u>Syenodiorite</u> , medium - coarse grained						
		- about 1% disseminated pyrrhotite 98.60 - 99.16	7338	98.60	99.16	0.56		
End of Hole								

FOOTAGE		DESCRIPTION	SAMPLE			A*S*S*A*Y*S	
FROM	TO		No.	from	to	Length	Au, Ag oz/ton
		Summary					
		<p>The hole was directly under a mag high anomaly. The bedrock explanation for this anomaly is about 20% magnetite (combined with "ilmente") in a mafic-rich band intersected between 43.29 - 44.70 m in the hole. Minor amounts of magnetite occur below this intersection in the anorthositic gabbro. Above it the anorthositic gabbro is non-magnetic and relatively coarse-grained. It is cut by "monzonite and syenite" dikes as well as a minor fault zone. At depth there are several gabbroic bands containing traces of pyrite which gives way to pyrrhotite instead of pyrite at the bottom of the hole. Accessory amounts of sphene and leuc-xene are very noticeable throughout.</p>					

DIAMOND DRILL RECORD

C. von Hessert & Associates Ltd.

Name of Property Legion Resources Limited

Hole No. LR87-5 Length 182.0 m

Hole No. LR87-5 Sheet No. 1

Grid Coordinates 3+80E 0+25N

Elevation _____ Azimuth 340° Dip -45

Started Jan. 13, 1987 Finished Jan. 16, 1987

Logged by _____

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au, Ag	oz/ton	
0	4.36	<u>Overburden</u>							
4.36	9.52	<u>Anorthositic Gabbro</u> , massive, medium grained, non-magnetic ; weakly propylitized. - 3 cm chloritic, schistose banding at 23° to core axis at 8.25							
9.52	10.22	<u>K-Spar Megacrystic Porphyritic Monzonite</u> - pinkish, elongate feldspars up to 2 cm long - includes granophyric textures - contacts at 25° to core axis							
10.22	14.32	<u>Anorthositic Gabbro</u> as before - occasional quartz and calcite veinlets and fractures							
14.32	14.90	<u>Magnetic Gabbro</u> , medium grained, trace anhedral pyrite							
14.90	19.0	<u>Anorthositic Gabbro</u> as before							
19.0	22.80	<u>Gabbro</u> , medium grained, faint trace pyrite	7303	23.85	24.60	0.75			
			7304	24.60	25.15	0.55			
22.80	32.03	<u>Anorthositic Gabbro</u> - K-spar porphyritic monzonite 24.00 - 24.60 - epidote and quartz and calcite alteration 23.85 - 24.00 - gabbro 24.60 - 25.15 with good trace pyrite and chloritic shears at upper contact at 20° to core axis - chloritic and trace pyrite 27.22 - 27.62 - gabbro with trace coarse, euhedral pyrite 27.84 - 29.56	7301	27.22	27.62	0.40			
			7302	27.84	29.56	0.72			



Name of property LR Robb Twp.

Hole No. 5 Sheet No. 2

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag oz/ton		
32.03	32.67	<u>Diabase Dike</u> - contacts at 60° to core axis							
32.67	34.55	<u>Monzonite</u> , medium grained							
34.55	37.50	<u>Anorthositic Gabbro</u> - includes 20 cm monzonite at 36.20							
37.50	38.68	" <u>Syenite</u> ", 90% white feldspar, fine - medium grain - 2 cm foliated, elongate crystals at upper contact - scattered quartz and calcite veinlets, occasionally with a trace of pyrite - 2 cm quartz-calcite veinlet at 37.60 at 30° to core axis with a 5 mm wide blob of limonite - chalcopyrite - pyrite - malachite	7305	37.50	38.68	1.18			
38.68	45.50	<u>Anorthositic Gabbro</u> - weakly foliated at 45° to core axis							
45.50	51.60	<u>Gabbro</u> - 1 cm pyrite cube at 49.40							
51.60	77.40	<u>Anorthositic Gabbro</u> - gabbro 64.10 - 66.34, minor biotite - occasional vein of banded quartz and calcite: 3 cm at 70° to core axis at 55.10, 3 cm at 64.95 at 90° to core axis - gabbro and trace pyrite 67.88 - 68.78 - occasional quartz-calcite veinlet 3cm 75.20 - 76.00	7306	75.20	76.00	0.80			
77.4	82.10	<u>Gabbro</u> - coarse euhedral pyrite, < 1%, 80.30 - 81.00 and decreasing thereafter down hole - Occasional tremolite filled fracture at 5° to core axis cut off by foliation at 60° to core axis at 81.08	7307	80.30	81.30	1.00			

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S Au,Ag oz/ton
FROM	TO		No.	from	to	Length	
		- magnetic gabbro 80.88 - 81.08					
82.10	83.80	<u>Chlorite Schist</u>	7308	82.10	82.95	0.85	
		- foliation at 50 to core axis	7309	82.95	83.80	0.85	
83.80	96.52	<u>Gabbro</u>					
		- chlorite schistose down to 85.0					
		- euhedral, coarse pyrite, 1%, and magnetite,	7310	92.30	93.10	0.80	
		3% approx., 92.30 - 93.10 and 94.20 - 95.70	7311	94.20	95.70	1.50	
		and stringers and patches of fine grained					
		"zoisite"					
96.52	101.7	<u>Anorthositic Gabbro</u>					
		- Flow banded upper contact at 300 to core axis					
		- occasional, schistose gabbro patches down					
		99.70					
101.7	111.85	<u>Gabbro</u>					
		- with minor interbands of anorthositic gabbro					
		- sheared or flow banded upper contact at					
		300 to core axis					
		- occasional banded calcite veinlet					
		- magnetic gabbro with trace coarse euhedral					
		pyrite 108.00 - 108.50	7312	108.00	108.50	0.50	
		- "pyroxenite" 110.8 - 111.8					
111.85	111.85	<u>Anorthositic Gabbro</u>					
115.00	125.70	<u>Magnetic Gabbro;</u> about 2% disseminated magnetite					
		- scattered sections non-magnetic	7313	116.27	116.77	0.50	
		- scattered traces of euhedral pyrite	7314	118.35	118.95	0.60	
		associated with magnetite	7315	123.80	124.35	0.55	
125.70	135.30	<u>Interbanded Feldspar Porphyritic Gabbro,</u>					
		<u>Gabbro And Anorthositic Gabbro</u>					
		- occasional calcite veinlets					
		- 1 cm calcite veinlet at 300 to core axis with	7316	129.80	130.44	0.64	
		trace pyrite and chalcopyrite bordered with					
		minor reddish jasperoid or K-spar alteration					
		over a width of 4 cm at 130.11					

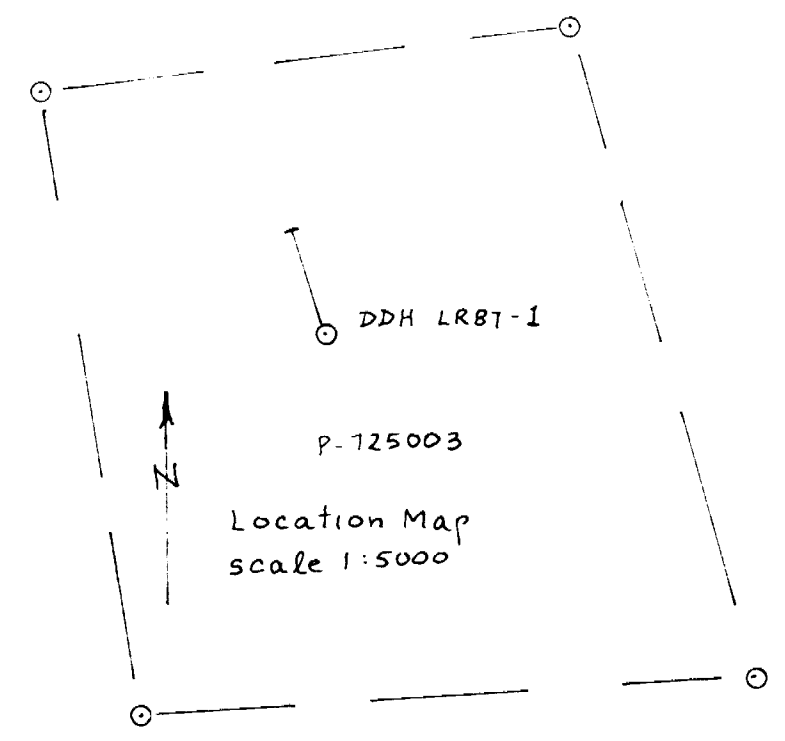
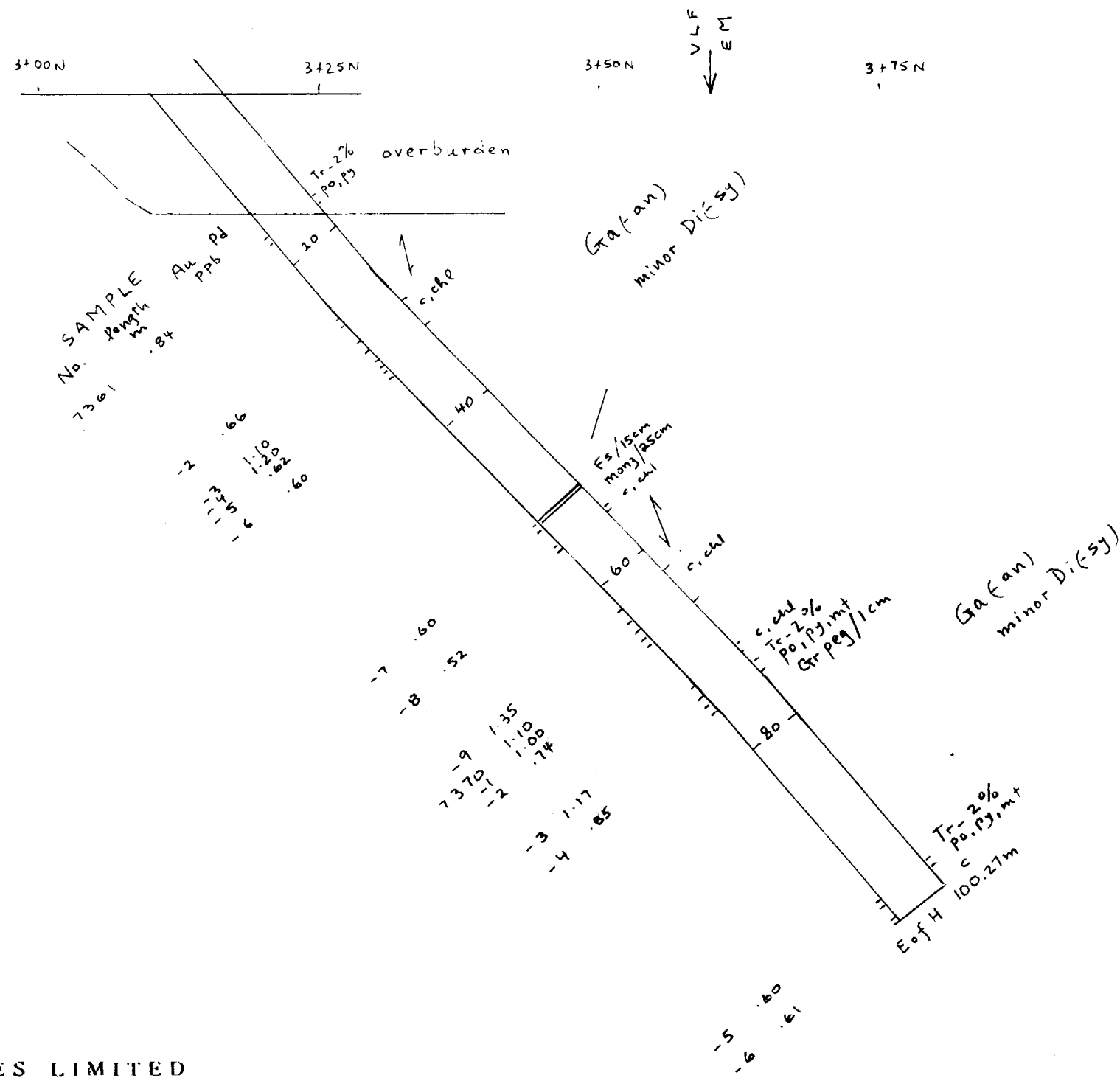
FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au,Ag	oz/ton	
		- crystal settling graded bedding at 30° to core axis, tops facing down the hole at 133.30							
135.30	150.38	<u>Gabbro</u>							
		- light grey zoisite banding in shears at 20° to core axis at 137.90	7317	135.62	136.59	0.97			
		- magnetic gabbro with good trace euhedral pyrite 135.62 - 136.59	7318	145.08	145.63	0.55			
		- occasional shears or flow banded foliation 144.8 - 149.0							
		- amphibolite 144.8 - 145.7 and 148.63 - 148.93							
		- trace pyrite in calcite-filled fractures at 145.45							
		- magnetic gabbro and trace euhedral pyrite 146.90 - 147.0							
150.38	161.22	<u>Interbanded Anorthositic Gabbro and Gabbro</u>							
161.22	178.70	<u>Interbanded Monzonite and Gabbro</u>							
		- well-foliated (flow bands and shears at 10 to 40° to core axis) and intensely fractured	7319	163.47	164.75	1.28			
		- fractures filled with calcite, rarely K-spar	7320	170.80	171.40	0.60			
		- faint trace pyrite 163.47 - 164.75							
		- sheared at 40° to core axis 170.80 - 171.40							
		- rare speck of chalcopyrite in fracture and faint trace disseminated pyrite 174.76 - 175.42	7321	174.76	175.42	0.66			
178.70	181.96	<u>Interbanded Gabbro and Anorthositic Gabbro</u>							
End of Hole		- weakly foliated at 10° to core axis							
		- soft, moderately, well propylitized including numerous calcite veinlets.							

FOOTAGE		DESCRIPTION	SAMPLE				A*S*S*A*Y*S		
FROM	TO		No.	from	to	Length	Au, Ag oz/ton		
		<p>Summary</p> <p>The hole was directed into a mag low anomaly and across 2 VLF-EM anomalies.</p> <p>A gabbroic complex was intersected including monzonite intrusives and a single diabase dike 1 meter thick.</p> <p>Scattered chlorite schist bands, generally associated with the monzonite intrusives, may be explanations for the VLF anomalies. However as the shearing - flow banding is only about 25° to core axis, it is unlikely that the hole intersected the explanation for the VLF-EM anomaly at 1+30N. Also, an alternative explanation for the VLF-EM anomaly at 0+60N is a bedrock high topography related to the relatively resistant monzonite and diabase intrusives underlying it.</p> <p>About 1-3% magnetite is disseminated in several sections of gabbro (underlying the mag low). Traces, up to 2% disseminated coarse, euhedral pyrite is associated with the magnetite.</p> <p>Faint traces of pyrite, rarely accompanied by a speck of chalcopyrite, are found in quartz - calcite veinlets in the monzonite - "syenite" intrusives.</p> <p>The rock classification in the log should be confirmed or modified by thin section study.</p>							

ONTARIO GEOLOGICAL SURVEY
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 RESEARCH OFFICE

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LEGEND

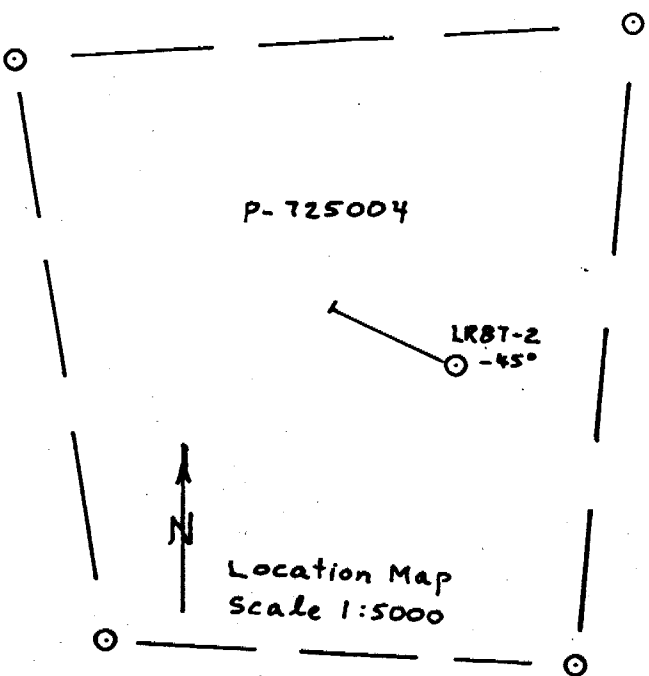
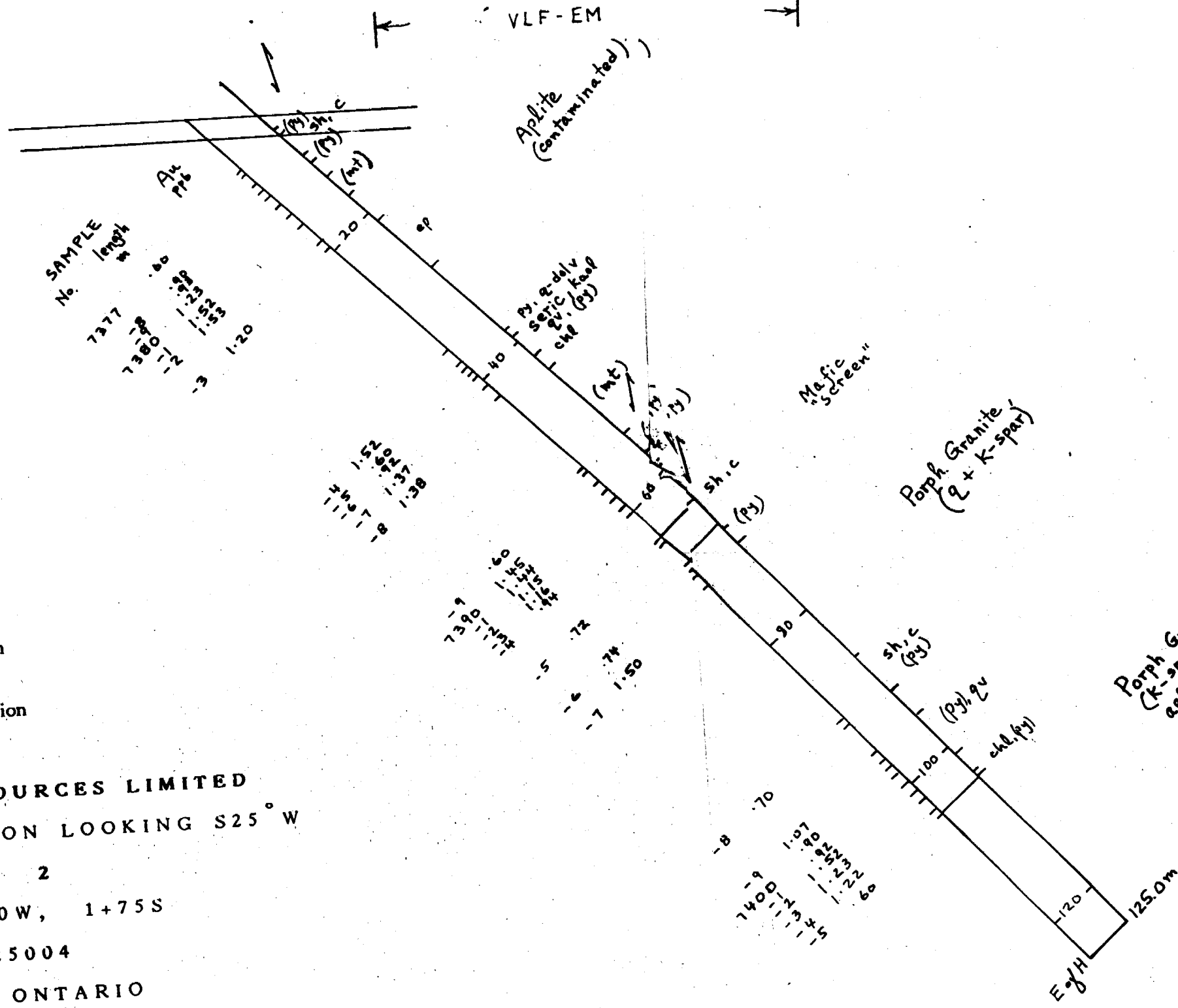
- Fs felsite
- monz monzonite
- Di(-sy) syenodiorite
- Ga(-an) anorthositic gabbro
- chl chlorite
- c calcite
- py pyrite
- po pyrrhotite
- mt magnetite
- ↗ shear foliation
- lithological contact

LEGION RESOURCES LIMITED
 DRILL SECTION LOOKING W20°S
DDH LR87 - 1
 COLLAR 2+00W, 3+10N
 CLAIM P-725003
 ROBB TWP., ONTARIO
 Scale 1:500 Rvl Jan. 30, 1987

LEGEND

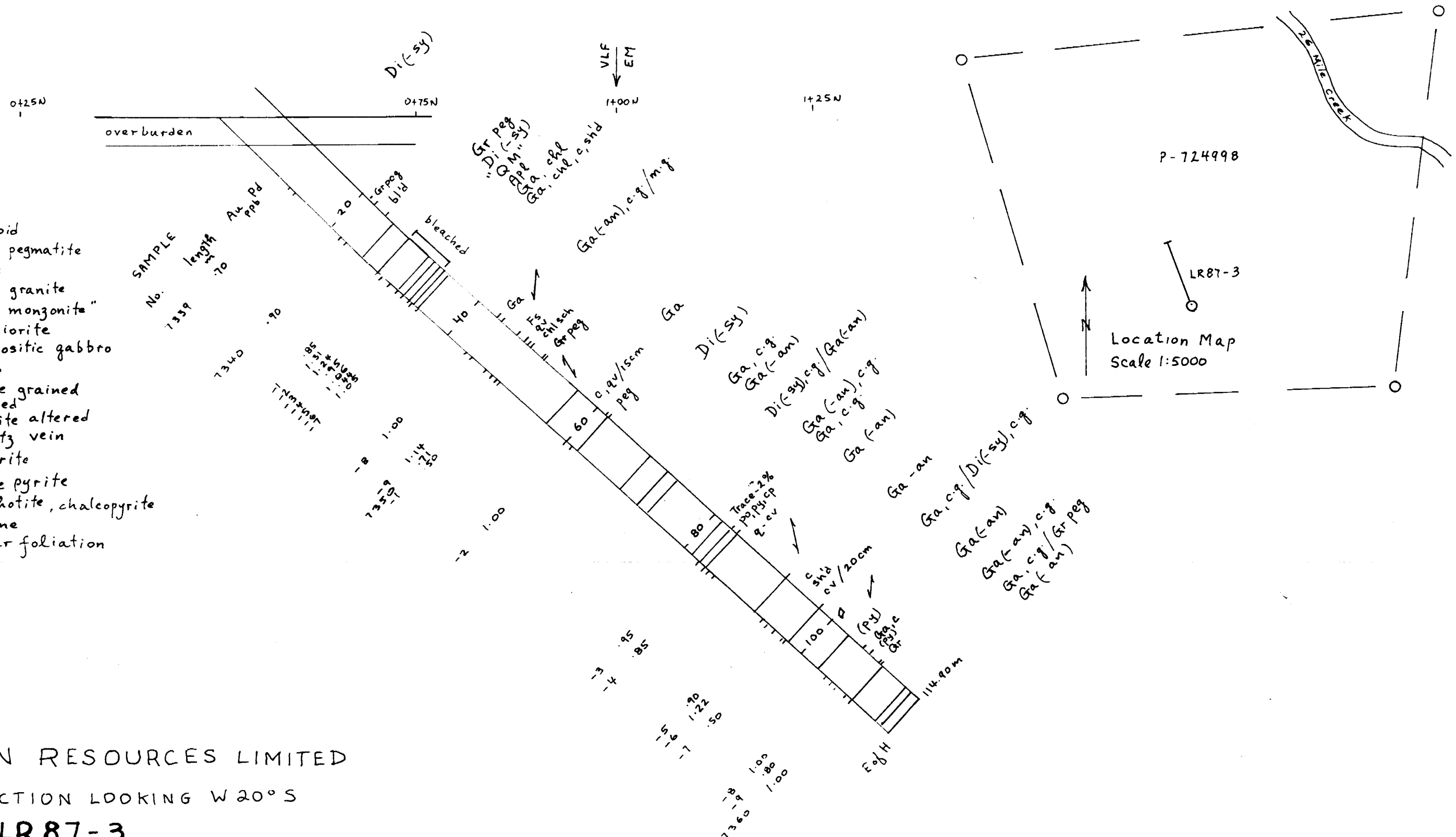
- (py) trace pyrite
- mt magnetite
- c calcite
- sh shearing
- ep epidote
- chl chlorite-rich
- qv quartz vein
- dol dolomite
- ↗ shear foliation

LEGION RESOURCES LIMITED
DRILL SECTION LOOKING S25° W
DDH LR87 - 2
COLLAR 2+00W, 1+75S
CLAIM P-725004
ROBB TWP., ONTARIO
 Scale 1:500 RvI Feb. 6, 1987



LEGEND

- Gr granitoid
- Grpeg granite pegmatite
- Fs felsite
- Apl aplitic granite
- "QM" "quartz monzonite"
- Di(-sy) syenodiorite
- Ga(-an) anorthositic gabbro
- Ga gabbro
- c.g. coarse grained
- shd sheared
- c calcite altered
- qv quartz vein
- chl chlorite
- (py) trace pyrite
- po, cp pyrrhotite, chalcopyrite
- sphe sphene
- ↗ shear foliation



LEGION RESOURCES LIMITED

DRILL SECTION LOOKING W 20° S

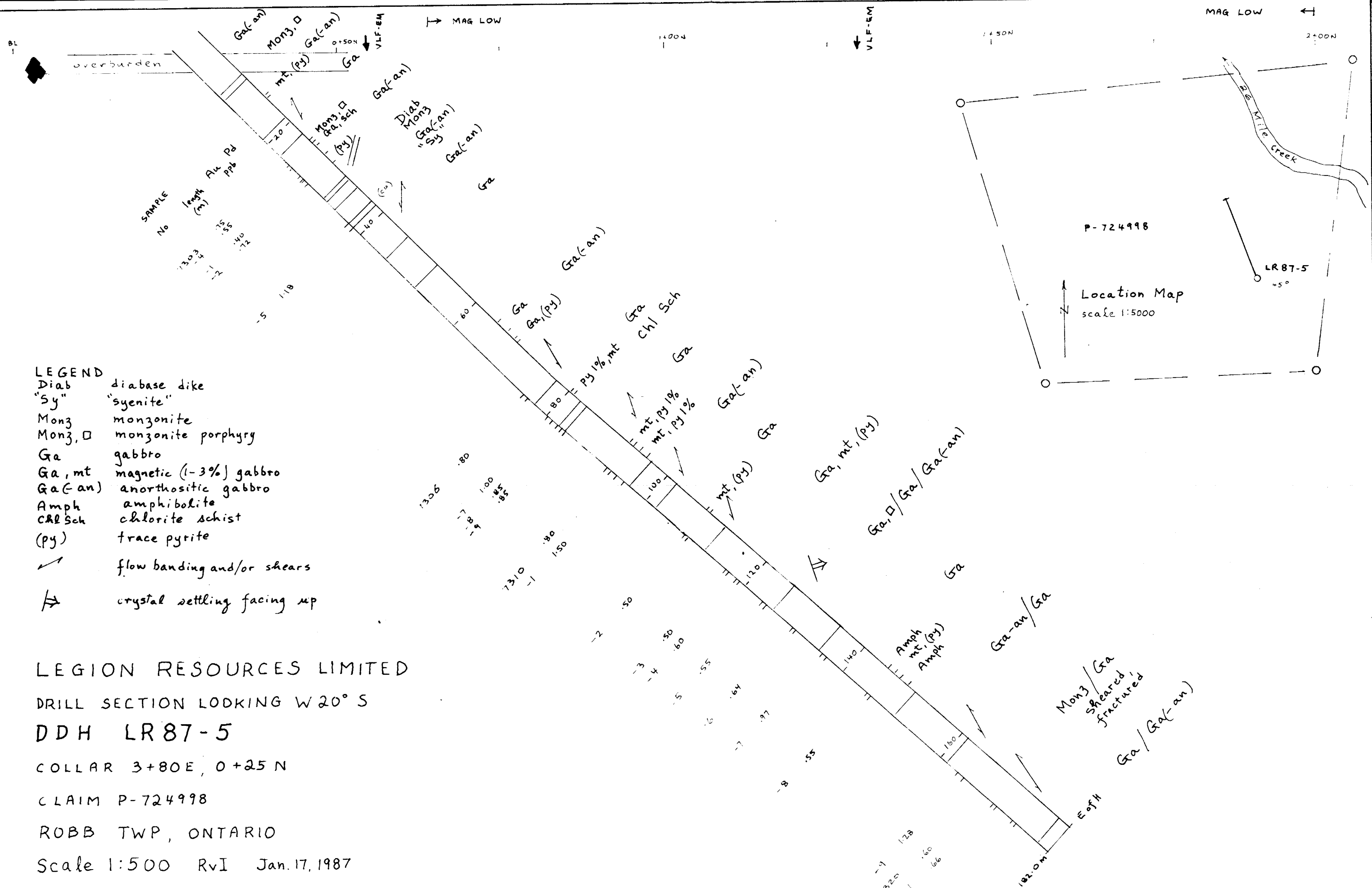
DDH LR87-3

COLLAR 2+00E, 0+50N

CLAIM P-724998

ROBB TWP, ONTARIO

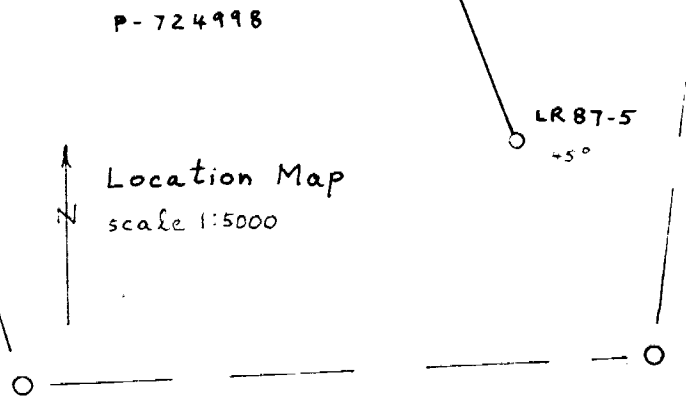
Scale 1:500 RvI Jan 27, 1987



SAMPLE No	length (m)	Au Pd Ppb
1303	1.2	
1304	1.2	
135	1.5	
140	1.2	
142	1.2	

- LEGEND**
- Diab diabase dike
 - "Sy" "syenite"
 - Monz monzonite
 - Monz, □ monzonite porphyry
 - Ga gabbro
 - Ga, mt magnetic (1-3%) gabbro
 - Ga(-an) anorthositic gabbro
 - Amph amphibolite
 - Chl Sch chlorite schist
 - (py) trace pyrite
 - ↗ flow banding and/or shears
 - ⇓ crystal settling facing up

LEGION RESOURCES LIMITED
 DRILL SECTION LOOKING W 20° S
 DDH LR87-5
 COLLAR 3+80E, 0+25 N
 CLAIM P-724998
 ROBB TWP, ONTARIO
 Scale 1:500 RvI Jan. 17, 1987

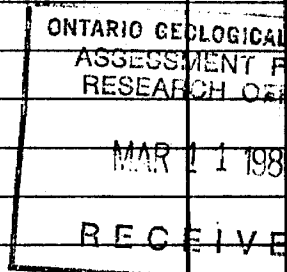




Name and Postal Address of Recorded Holder: **Legion Resources Limited**
 Prospectors Licence No.: **T-1822**
Unit 16 5500 Tomken Road, Mississauga Ontario L4W 1P2

Summary of Work Performance and Distribution of Credits

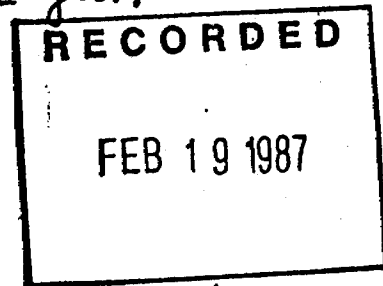
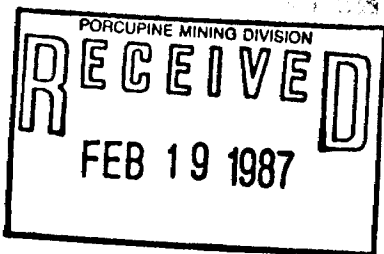
Total Work Days Cr. claimed 2016	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	P	952454	224	P	725004	224			
		952455	224						
		952456	224						
		952457	224						
		724997	224						
		724998	224						
		725002	224						
	725003	224							



All the work was performed on Mining Claim(s): **P-725003, P-725004, P-724998**

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

NOREX Ltd. performed the drilling using a BSI drill, supervision and logging by Robert Van Ingen. Core size was BQ, 1 7/16 inch in diameter. 5 holes were drilled during the period January 10 - Feb 1, 1987 for a total of 622.44 meters or 2024.22 feet.



Date of Report: **Feb 18, 1987**
 Recorded Holder or Agent (Signature): **Christian von Hesse**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **Christian von Hesse 46 C. von Hesse & Associates Ltd**
306-45 Richmond St. W. Toronto, Ont
 Date Certified: **Feb 18, 1987**
 Certified by (Signature): **Christian von Hesse**

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	NII	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.			
Power Stripping	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	NII	NII
Land Survey	Name and address of Ontario land surveyor.		

C. VON HESSERT & ASSOCIATES LTD.

**SUITE 306 - 45 RICHMOND STREET WEST
TORONTO, ONTARIO M5H 1Z2**

**TELEPHONE (416) 863-6796
FACSIMILE (416) 869-0504**

**MEMORANDUM REPORT TO LEGION RESOURCES LIMITED
ON THEIR 1987 DIAMOND DRILLING, ROBB TOWNSHIP,
TIMMINS, ONTARIO**

During the period January 10 to February 1, 1987, five BQ diamond drill holes were put down on selected targets on the company's property in Robb Township, Timmins, Ontario.

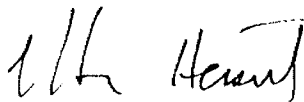
The holes were located on VLF and Max-Min targets selected by Glenn Hogg, P. Eng., Legion's consulting geologist and the author of a qualifying report on the property previously submitted to the Ontario Securities Commission. A hole location map accompanies this memorandum report.

Drilling was conducted by Norex drilling and was supervised by Robert Van Ingen, PhD., P. Eng. The core was logged, split and sent for assaying to Swastika Labs in Kirkland Lake. Samples were assayed for gold and palladium.

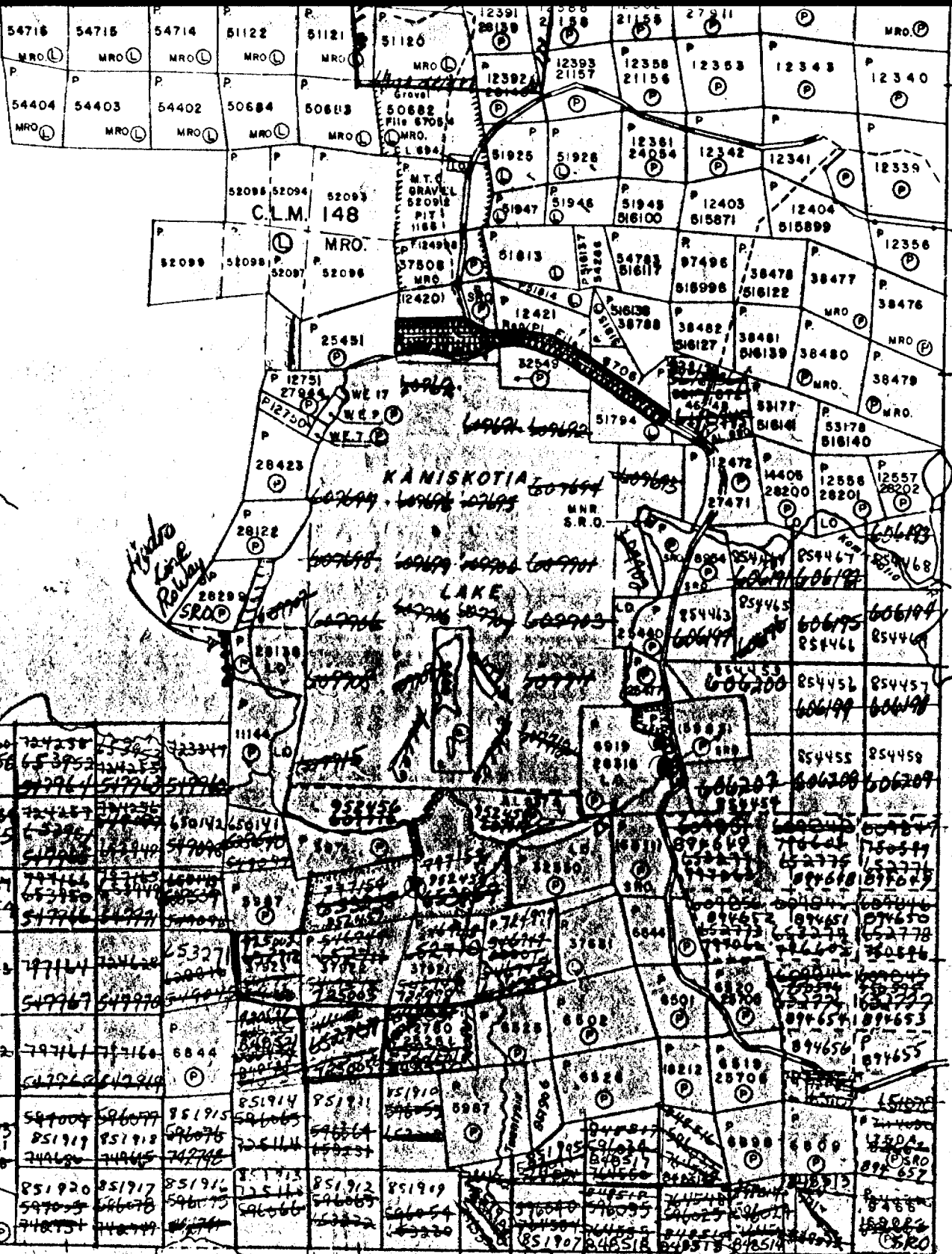
Results were almost uniformly NIL for gold and less than 10 parts per billion palladium. No further work is recommended.

The claims are in good standing and application for lease should be made before February 27, 1988.

Respectfully submitted,



Christian von Hessert, P. Eng.
Consulting Geologist
Director, Legion Resources Limited



TURNBULL TP. M. 316

Roll Top