DIAMOND DRILLING

Area: Beckington Lake

Report No: 36

WORK PERFORMED FOR: Umex Inc.

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER [ ]

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
PA 486040	B-17	215.5m	Mar/86	(1)
PA 486033	B-18	233.8m	"	(1)
PA 486062	B-19	215.5m	"	(1)
PA 486033	B-20	227.7m	"	(1)
PA 436825	B-21	197.2m	"	(1)
"	B-21A	25m	"	(1)
TOTAL	6DH	1114.7m		

NOTES: (1) #86-63

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-17 | Local Coord. : 62.5N; 200E | Started : 01 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 215.5 metres | Completed: 07 March 1986 | Described By: David Unger

CLAIM : Pa 486040 | Dip : -64° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
			SUMMARY LOG						
0	31.1		Casing						
31.1	32.2		Broken Core						
32.2	34.3		Strongly sericitized and reworked tuffs						
34.3	38.1		Sericite schist						
38.1	49.6		Intercalated reworked tuffs and sericite schist						
49.6	59.6		Silicified and sericitized tuffs						
59.6	61.9		Sericite schist						
61.9	81.4		Silicified quartz porphyritic intermediate tuff						
81.4	84.0		Silicified and sericitized lapilli tuff or autobreccia						
84.0	94.4		Intermediate to mafic tuff						
94.4	105.8		Quartz porphyritic intermediate to mafic tuff						
105.8	126.1		Weakly silicified quartz porphyritic intermediate to mafic tuff						
126.1	134.0		Quartz porphyritic intermediate to mafic tuff						
134.0	145.2		Garnetiferous quartz porphyritic intermediate to mafic tuff						
145.2	148.4		Strongly silicified tuff						
148.4	150.9		Intensely silicified rock						
150.9	168.2		Quartz porphyritic intermediate to mafic tuff						
168.2	169.5		Chlorite rich mafic flow? intrusive?						
169.5	182.9		Weakly silicified quartz porphyritic intermediate to mafic tuff						
182.9	184.8		Chlorite rich mafic flow? intrusive?						
184.8	204.4		Silicified quartz porphyritic intermediate to mafic tuff						
204.4	209.2		Strongly silicified tuffs						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A	Sample Number	Sample Interval	Sample Length	Assay Results
			SUMMARY LOG (cont'd.)						
209.2	211.7		Moderately silicified tuffs						
211.7	213.5		Intensely silicified tuffs						
213.5	215.5		Moderately silicified quartz porphyritic tuff						
	215.5		END OF HOLE						

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-17 | Local Coord. : 62.5N; 200E | Started : 01 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 215.5 metres | Completed: 07 March 1986 | Described By: David Unger

CLAIM : Pa 486040 | Dip : -64° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
0	31.1		CASING						
31.1	32.2		Broken core: various rock types but mostly mafics - probably boulders at base of overburden. Bedrock likely begins at 32.2						
32.2	34.3	80	STRONGLY SERICITIZED AND REWORKED TUFFS - reworked, randomly oriented, white tuffaceous fragments set in a strongly sericitized matrix - 2-3% deep blue-black quartz "eyes" scattered throughout - very intense sericitization, some silicification 31.5- 32.2 - broken core 32.0 - reddish Fe oxidization 34.3 - 3-5% py along bedding planes	<0.5% sulphides					
34.3	38.1	85	SERICITE SCHIST - probably an altered tuff or ash tuff - very well bedded, very small fragments compared to 32.2-34.3 - 1-2% blue quartz "eyes", generally rounded but occasionally elongated	<0.5% sulphides					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A	Sample Number	Sample Interval	Sample Length	Assay Results
34.3	38.1		(cont'd.) - to 37.1 reddish Fe oxidization - after 37.1 increasingly chloritic 35.1- 35.4 - broken core						
38.1	49.6	95	INTERCALATED REWORKED TUFFS AND SERICITE SCHIST - intercalations of the previous two units - strong sericitization is the dominant feature, as is a very well developed, bedded, tuffaceous texture - some intervals are dark grey in colour, reflecting increased chlorite; lighter sections exhibit silicification - 1-3% rounded to angular blue-gray quartz "eyes" - tuffaceous fragments generally white in colour; relict bedding? may be observed in some fragments. - variable fragment size and random orientation 41.5- 43.2 - fine grained, well bedded chlorite-sericite schist 43.5- 43.9 - numerous, irregular, dark grey quartz veining with 1-3% py, local intense sericitization 43.1- 44.6 - 1-3% py as streaks and pods along foliation planes 48.8 - broken core - GRADATIONAL CONTACT -	< 1% py 43.1-44.6 1-3% py	45° @ 42.7 58° @ 48.0	89901 89902 89903	43.1- 44.6 44.6- 46.1 46.1- 47.6	1.5 1.5 1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
34.3	38.1		(cont'd.) - to 37.1 reddish Fe oxidization - after 37.1 increasingly chloritic 35.1- 35.4 - broken core						
38.1	49.6	95	INTERCALATED REWORKED TUFFS AND SERICITE SCHIST - intercalations of the previous two units - strong sericitization is the dominant feature, as is a very well developed, bedded, tuffaceous texture - some intervals are dark grey in colour, reflecting increased chlorite; lighter sections exhibit silicification - 1-3% rounded to angular blue-grey quartz "eyes" - tuffaceous fragments generally white in colour; relict bedding? may be observed in some fragments. - variable fragment size and random orientation	< 1% py					
			41.5- 43.2 - fine grained, well bedded chlorite-sericite schist	43.1-44.6	45° @	89901	43.1- 44.6	1.5	
			43.5- 43.9 - numerous, irregular, dark grey quartz veining with 1-3% py, local intense sericitization	1-3% py	42.7	89902 89903	44.6- 46.1 46.1- 47.6	1.5 1.5	
			43.1- 44.6 - 1-3% py as streaks and pods along foliation planes						
					58° @				
			48.8 - broken core		48.0				
			- GRADATIONAL CONTACT -						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
49.6	59.6	90	SILICIFIED AND SERICITIZED TUFFS - similar to 38.1-49.6, except for increased silicification and decrease in fragment size - 1-3% rounded blue quartz "eyes" (secondary) 54.6- 59.6 - considerable quartz veining, mostly in irregular veins and patches; intense local folding, chloritization and sericitization of host rock; negligible sulphides 57.8- 61.6 - considerable broken core	< 1% py		89904 89905 89906	54.6- 56.1 56.1- 57.6 57.6- 59.6	1.5 1.5 2.0	
59.6	61.9	80	SERICITE SCHIST - cream coloured, extremely schistose - light coloured, tuffaceous fragments discernible - ~ 1% white to light blue quartz "eyes" elongated parallel to foliation, these are likely secondary - probably an altered intermediate or felsic tuff	< 0.5% sulphides	52° @ 60.6				
61.9	81.4	near 100	SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TUFF - grey, well bedded, sericitic and chloritic intermediate tuff - 1-3% rounded to subangular blue to grey quartz "eyes" - very fine, light coloured tuffaceous fragments - occasional patchy silicification as at 65.6 and 66.7 - occasional thin (< 1 cm) quartz veinlets parallel to foliation, with streaks and pods of py, some po; very minor py, po otherwise	< 1% py, some po	46° @ 67.6				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
61.9	81.4	near 100	(cont'd.) 62.0- 63.1 - quartz veining and silicification, very minor py, po			89907	62.0- 63.1	1.1	
			71.6- 79.4 - increase in dark green chloritized bands and patches, frequently caused by very thin, irregular quartz ± carbonate veinlets; slight increase in py, po in these areas; also some patchy silicification	71.6-79.4 1% py, some po	50° @ 72.2	89908	71.6- 73.1	1.5	
			76.8- 77.2 - several carbonate veinlets (< 5 mm) parallel to foliation			89909 89910	76.8- 77.9 77.9- 79.0	1.1 1.1	
81.4	84.0	near 100	SILICIFIED AND SERICITIZED LAPILLI TUFF OR AUTOBRECCIA - irregular light coloured fragments, up to several cm in size in a grey silicic and sericitic groundmass; fragments may be lapilli or autobrecciated fragments	< 0.5% cp, py		89911 89912	81.4- 82.7 82.7- 84.0	1.3 1.3	
			- numerous, irregular white quartz veins						
			- considerable chlorite						
			- occasional specks of cp in the quartz veins		56° @ 83.9				
			82.5 - 6 cm white quartz vein						
84.0	94.4	95	INTERMEDIATE TO MAFIC TUFF - dark green, strongly chloritic, well bedded	1% py,po					
			- occasional anhedral almandine garnets (< 5 mm), particularly in the most chloritic sections						
			- extremely fine grained in places, but rock retains its well bedded texture throughout						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
84.0	94.4	95	(cont'd.) - some carbonate in streaks along foliation planes - py, po occur as streaks along foliation planes 86.8- 89.7 - strongly chloritized interval - 1-2% py, po 91.5- 94.4 - weakly silicified - 2-4% po, py as interstitial fillings, veinlets, blebs and disseminations associated mainly with quartz ± carbonate veins - intense local chloritization associated with quartz veining 92.7- 93.6 - schistose sericitic interval - GRADATIONAL CONTACT -	86.8-89.7 1-2% py,po 91.5-94.4 2-4% po,py		89913 89914 89915 89916	86.8- 88.3 88.3- 89.7 91.5- 93.0 93.0- 94.4	1.5 1.4 1.5 1.4	
94.4	105.8	near 100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF - grey to gren in colour - 1-2% rounded to slightly elongated blue quartz "eyes" - banding varies from indistinct to well developed - appears to be some degree of silicification in places - major alteration products are chlorite and sericite - very fine grained staurolite in places - rare garnet, usually in the most chloritic sections - sulphides occur as disseminations and occasional veinlets	1-2% py,po					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
94.4	105.8	near 100	(cont'd.) 95.1- 96.6 - 2-4% staurolite						
			96.6- 97.0 - 1 cm py-po vein parallel to core axis			89917	96.6- 97.6	1.0	
					52° @	89918	99.0-100.1	1.1	
			99.9 - 4 cm white quartz vein, minor po along contacts		102.4				
			102.7-105.3 - light coloured (silicified?) interval						
			103.1 - 5 cm white quartz vein						
			- GRADATIONAL CONTACT -						
105.8	126.1	100	WEAKLY SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF	1-3% py,po					
			- as above, except with weakly silicified bands						
			- well developed chloritic, dark green banding						
			- occasional quartz veining, generally parallel to foliation						
			- 1 to 2% rounded to subangular blue quartz "eyes" (secondary)		65° @ 116.4				
			- occasional staurolite and garnet						
			- white tuffaceous fragments visible in places						
			- sulphides occur as disseminations and in weak bands parallel to foliation						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
105.8	126.1	100	(cont'd.) 110.8-113.0 - silicified section with 3-5% py, po in bands parallel to foliation, irregular stringers and fracture fillings	110.7-113.0 3-5% py,po		89919 89920 89921	106.5-107.5 110.8-112.0 112.0-113.0	1.0 1.2 1.0	
			109.5 - 1 cm white quartz vein						
			114.4-115.4 - moderately silicified, 2-3% po, py	114.4-115.4 2-3% po,py					
			118.8-120.6 - 3 to 5% very fine grained staurolite						
			121.0-123.3 - distinct felsic, white tuffaceous fragments elongated parallel to foliation						
			- GRADATIONAL CONTACT -						
126.1	134.0	100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF	1-2% py,po	59° @ 126				
			- as from 105.8 to 126.1, except for increased chlorite content						
			- considerable staurolite in bands parallel to foliation						
			- 1 to 2% blue quartz "eyes", likely secondary						
			- sulphides in bands and weak disseminations						
			- well banded throughout						
			- occasional garnet						
			129.7 - 4 cm white quartz vein						
134.0	145.2	100	GARNETIFEROUS QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF	1-2% py, po, rare cp	67° @ 140.1				
			- dark green, very chloritic, well banded						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
134.0	145.2	100	(cont'd.) - noticeable increase in aluminosilicates (garnet, staurolite) - 3 to 5% almandine garnet, anhedral, frequently elongated parallel to foliation - biotite present in occasional thin (< 5 mm) dark coloured bands - some weak silicification of this unit - this unit may be a reworked sediment - staurolite also present in bands parallel to foliation - sulphides in disseminations and thin stringers and bands 140.4 - broken core 142.6 - 1 cm quartz vein with 25% po			89922 89923	136.5-137.5 143.6-145.1	1.0 1.5	
145.2	148.4	100	STRONGLY SILICIFIED TUFF - mottled white-dark grey colour - some apple green sericite - 2 to 4% round, transluscent quartz "eyes" - well banded but banding is partly obscured by silicification - minor disseminated py	1-2% py		89924 89925	145.5-147.0 147.0-148.5	1.5 1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
148.4	150.9	100	INTENSELY SILICIFIED ROCK - greenish-white in colour - very intense silicification obscures most primary features, but a weak banding is present - rock is almost entirely silica, with some sericite 150.5 - minor tourmaline	< 1% py	58° @ contact @ 150.9	89926	148.5-150.5	2.0	
150.9	168.2	100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF - chloritic, well banded - 2 to 4% rounded blue quartz "eyes" (secondary) - minor po, py in disseminations and bands parallel to foliation - some weak silicification and occasional thin quartz ± carbonate veins - otherwise identical to previous intersections of this rock type 165.7-167.2 - increased silicification 167.2-168.2 - silicified and weakly biotitic interval, with biotite appearing to be an alteration product within the groundmass of the tuff	1-2% po,py	68° @ 160.4	89927	167.2-168.2	1.0	
168.2	169.5	100	CHLORITE RICH MAFIC FLOW? INTRUSIVE? - dark green, dense, massive, strongly chloritized flow or intrusive - weakly carbonated, quite dense - some biotitic bands	1-2% po		89928	168.2-169.5	1.3	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
169.5	182.9	100	WEAKLY SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF - well banded, grey-green, chloritic and sericitic - 1-3% rounded blue quartz "eyes" (secondary) - very fine, light coloured tuffaceous fragments, visible in places - otherwise identical tc above mentioned units. - very minor sulphides - weak silicification throughout 172.8 - 3 cm white quartz vein 180.5-182.9 - slight increase in silicification plus 1-3% very fine grained staurolite in bands parallel to foliation	1% py, po	74° @ 170.7				
182.9	184.8	100	CHLORITE RICH MAFIC FLOW? INTRUSIVE? - dense, massive, strongly chloritized, minor biotitic banding - same as 168.2 to 169.5 183.2-183.45- irregular white quartz veining with minor po - intense local chloritization, minor carbonate	1% po,py	77° @ contact @ 182.9	89929	182.9-184.8	1.9	
184.8	204.4	100	SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF - pervasive weak to moderate silicification, but presence of considerable chlorite suggests this rock was originally intermediate to mafic in composition	1-2% py,po					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
184.8	204.4	100	(cont'd.) - well banded, with alternating chloritic and sericitic-weakly biotitic intervals - 1 to 2% round, blue, secondary quartz "eyes" - sulphides occur in weak disseminations and bands parallel to foliation 184.8-188.3 - garnet and staurolite occur in this interval 194.0 - 5 cm quartz-carbonate vein with intense local chloritization 196.9-204.4 - up to 5% anhedral almandine garnet and up to 15% staurolite in bands parallel to foliation - strongly chloritic, but still with a weak pervasive silicification - very minor sulphides 198.1-198.4 - quartz-carbonate stringer parallel to core axis		58° @ 194.0	89930 89931	197.8-199.3 199.3-200.8	.5 1.5	
204.4	209.2	near 100	STRONGLY SILICIFIED TUFFS - 2 to 4% transluscent to blue secondary quartz "eyes" - 1 to 2% cream coloured felsic fragments elongated parallel to foliation - moderate to intensely silicified, considerable sericite & chlorite - about 2% disseminated py	2% py		89932 89933 89934	204.4-205.9 205.9-207.4 207.4-209.2	1.5 1.5 1.8	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
204.4	209.2	near 100	(cont'd.) 206.2-206.3 - white quartz vein 207.7 - 5 mm chert?						
209.2	211.7	near 100	MODERATELY SILICIFIED TUFFS - variable degree of silicification, but overall less than 204.4-209.2 - rock is weakly banded and quite fine grained - occasional garnet 210.0 - 7 cm quartz vein, intense local chloritization, minor py	< 1% py					
211.7	213.5	75	INTENSELY SILICIFIED TUFFS - very intensely silicified rock, probably tuffaceous - some apple-green sericite - banded, fragmentary nature still clearly discernible however. 211.8-212.1 - broken core - extremely silicified	< 0.5% sulphides	77° @ 215.0	89935	211.7-213.5	1.8	
213.5	215.5	100	MODERATELY SILICIFIED QUARTZ PORPHYRITIC TUFF - mottled, white-dark grey colour, very similar to 145.2-148.4 - 2 to 4% round, transluscent quartz eyes py occurs as disseminated cubes - banding is somewhat obscured by silicification	2-3% py		89936	213.5-215.0	1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
213.5	215.5	100	(cont'd.) 213.5-213.8 - quartz carbonate vein causing intense local silicification						
	215.5		END OF HOLE						
			ACID DIP TESTS: 45.7 m -69° 91.4 m -65° 137.2 m -63° 182.9 m -61°						

L1250S L1000S L750S L500S L250S L0 L250N L500N

612012 612003

611926 612008 436039 486032

436824 612004 B-15

DRILL ROAD BL0 340°

486040

215.5m CREEK

B-9 B-17 -64°

B-11 486068

436825 B-10 B-16

B-7 486033

486065

LAKE 486069

B-14 B-8 ROAD

436826 486051

BL625E T-12

436823 486066

Figure No.

BECKINGTON PROJECT
"CREEK ZONE"
Drill Hole Locations
Location of B-17 (ICM)

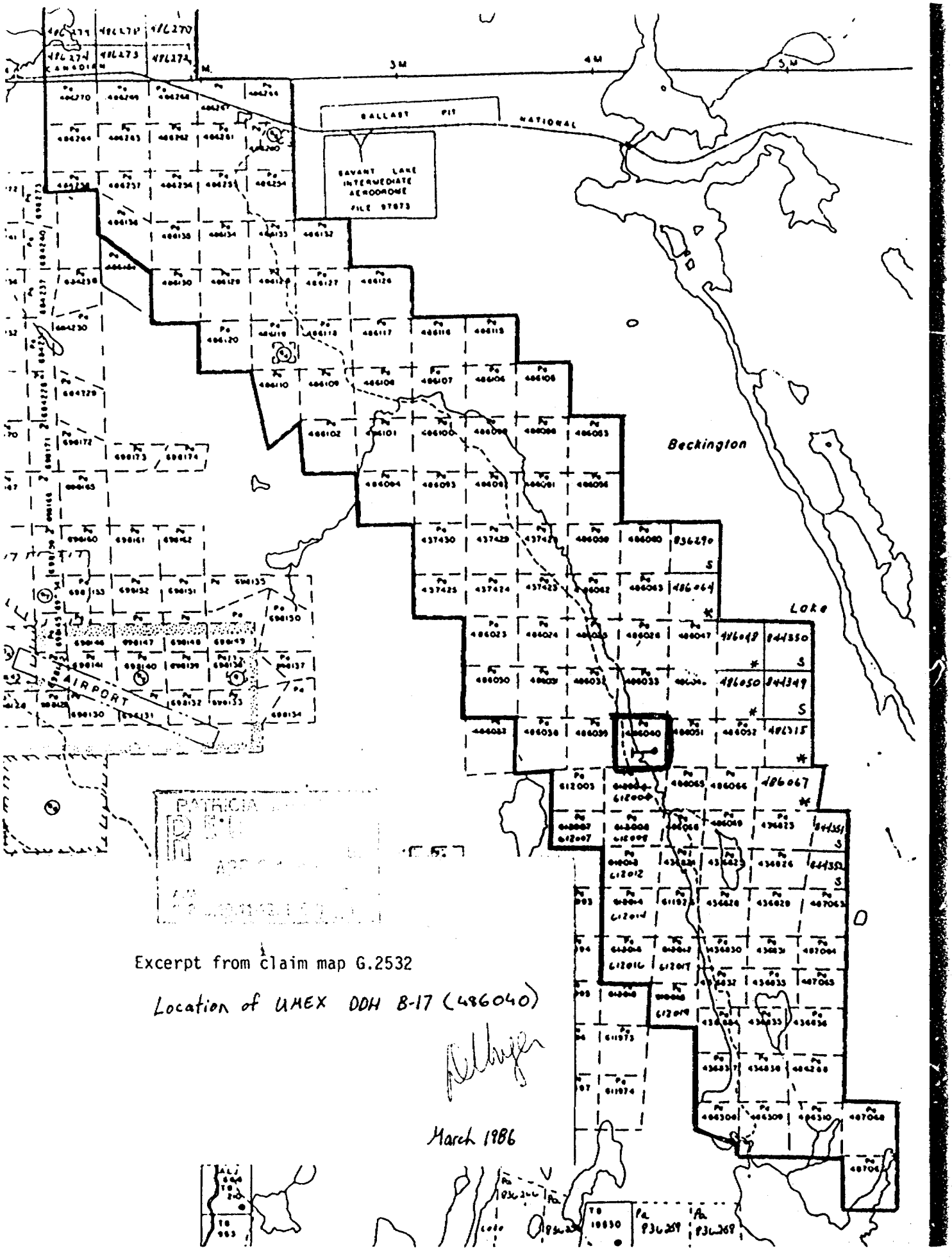
Scale: 1:5000 1 INCH

UMEX CORPORATION LTD.

Drawn by: D. UNGER
Date: 15 OCTOBER 1985
Surveyed by:

DWG. No.

NCI-351



Excerpt from claim map G.2532

Location of UMEX DDH B-17 (486040)

March 1986

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-18 | Local Coord. : L375N; 250E | Started : 09 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 233.8 metres | Completed: 12 March 1986 | Described By: David Unger

CLAIM : Pa 486033 | Dip : -60° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
			SUMMARY LOG						
0	6.7		Casing						
6.7	9.0		Mafic Flow						
9.0	18.1		Silicified tuffs						
18.1	21.3		Moderately silicified intermediate tuffs						
21.3	39.4		Intensely silicified lapilli tuff-volcanic breccia						
39.4	43.1		Chloritic, garnetiferous tuff-silicate iron formation						
43.1	53.9		Silicified coarse fragmental (tuff?)						
53.9	61.2		Intermediate tuffs						
61.2	72.2		Silicified and sericitized tuffs						
72.2	85.3		Mafic tuff?						
85.3	99.1		Silicified and sericitized intermediate tuffs						
99.1	106.8		Mafic tuff or epiclastic sediment						
106.8	117.2		Intensely silicified tuffs 107.3-107.7 - 40% py CONDUCTOR						
117.2	125.3		Sericite schist 119.7-120.8 - 20-40% py CONDUCTOR						
125.3	137.2		Silicified and sericitized tuffs						
137.2	142.8		Mafic tuff or sediment						
142.8	156.9		Quartz porphyritic intermediate to mafic tuff						
156.9	167.1		Silicified tuffs						
167.1	176.5		Silicified quartz porphyritic intermediate tuffs						
176.5	181.4		Staurolitic tuff or metasediment						
181.4	188.3		Silicified tuffs						
188.3	194.1		Silicified quartz porphyritic intermediate tuff						
194.1	206.1		Quartz porphyritic intermediate tuff/tuffaceous sediment						
206.1	208.2		Quartz porphyritic intermediate tuff						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
			SUMMARY LOG (con't.)						
208.2	210.8		Silicified tuffs						
210.8	217.9		Intermediate tuffs						
217.9	233.8		Quartz porphyritic intermediate to mafic tuff or tuffaceous metasediment						
	233.8		END OF HOLE						

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-18 | Local Coord. : L375N; 250E | Started : 09 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 233.8 metres | Completed: 12 March 1986 | Described By: David Unger

CLAIM : Pa 486033 | Dip : -60° | Core Diameter: BQ | Machine : Boyles 35 A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
0	6.7		Casing									
6.7	9.0	near 100	MAFIC FLOW - dark grey-black, very fine grained - some chloritic alteration - generally featureless; minimal sulphides	Nil								
9.0	18.1	95	SILICIFIED TUFFS - greenish-grey in colour, generally well banded - occasional streaky, crenulated, slightly pinkish bands parallel to foliation may represent tuffaceous fragments or injections of silica along foliation planes - silica has also accumulated into veins and blebs of white bull quartz - very weakly disseminated cp - vague, light coloured tuffaceous fragments, irregular in outline, are discernible in places, but detail is obscured by silicification - general chloritization 16.7- 17.0 - intensely chloritic with 30% almandine garnet	<0.5% cp	52° @ 14.1	85744 84745 85746	11.3- 12.8 12.8- 14.3 14.3- 15.3	1.5 1.5 1.0				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm	
18.1	21.3	near 100	MODERATELY SILICIFIED INTERMEDIATE TUFFS - green and chloritic with weak to moderate silicification - occasional silica rich patches and bands - negligible sulphides 19.8- 20.2 - intensely chloritic with 30% almandine garnet										
21.3	39.4	near 100	INTENSELY SILICIFIED LAPILLI TUFF-VOLCANIC BRECCIA - fragments, often quite angular, up to core diameter in size, comprise 20-40% of the rock - fragments generally light coloured and felsic, and are of several different types: cream coloured, white coloured and light green; also some dark mafic fragments. - fragments frequently fractured and injected with silica - strong pervasive silicification and moderate sericitization - occasional tourmaline - sulphides, chiefly pyrite, occur as disseminations, fracture fillings, as matrix between fragments, and in pods which may themselves be ejecta. 26.5- 30.3 - 3 to 6% pyrite 32.1- 32.3 - quartz tourmaline? veining with reddish Fe oxidation 32.5 - broken core	1-3% py 26.5-30.3 3-6% py	43° @ 30.7	85747 85748 85749	26.5- 28.0 28.0- 29.5 29.5- 30.3	1.5 1.5 0.8					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
21.3	39.4	near 100	Cont'd.									
			32.7- 33.7 - broken core caused by fracture parallel to core axis, also reddish Fe oxidation									
			35.7- 39.4 - some very large breccia-sized siliceous fragments in this interval; also an increase in po	35.7- 39.4 2-4% py,po		85750 85751	35.7- 37.2 37.2- 38.7	1.5 1.5				
			36.4 - 1 cm band of 75% py									
39.4	43.1	near 100	CHLORITIC, GARNETIFEROUS TUFF-SILICATE IRON FORMATION	3-5% po some mt?	58° @ 40.3	85752 85753	40.0- 41.5 41.5- 43.0	1.5 1.5				
			- dark green, strongly chloritized tuff with 30-40% ragged, anhedral, almandine garnet aligned parallel to foliation									
			- numerous silica rich bands and pods									
			- moderately to strongly magnetic due to 3-5% very finely disseminated po ± mt?									
43.1	53.9	near 100	SILICIFIED COARSE FRAGMENTAL (TUFF?)	1-3% po,py								
			- moderate to intense silicification obscures most primary features									
			- very difficult to assign an original lithologic type to this unit; but likely a tuff-breccia or debris flow									
			- may be some "in situ" brecciation									
			- this unit is darker in colour than previous silicified sections, reflecting an increase in chlorite and probably a more intermediate original composition									
			- some pods and irregular stringers of white quartz									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
43.1	53.9	near 100	Cont'd. - occasional garnet and blue quartz "eyes" - po is dominant sulphide occurring in blebs and stringers and weak disseminations 43.3 - broken core, fault gouge 44.6 - 3 cm quartz chlorite vein 45.4- 45.8 - vuggy rusty interval 45.6 - broken quartz vein			85754	51.2- 52.7	1.5				
53.9	61.2	near 100	INTERMEDIATE TUFFS - less silicified and much finer grained than 43.1 to 53.9 - moderate silicification persists however, with some local areas of intense silicification - pervasive chloritization; occasional garnet - general grey-green colour, with good colour banding reflecting variable silicification 56.2- 56.4 - irregular quartz veining with 3-5% interstitial po, py 60.9 and 61.1 - two 10 cm intervals of magnetic chlorite-garnet iron formation	1-2% po,py	64° @ 57.7	85755	60.3- 61.3	1.0				
61.2	72.2	near 100	SILICIFIED AND SERICITIZED TUFFS - siliceous, well banded tuffs, with considerable sericitization - quite schistose; considerable chloritization	1% py,po	58° @ 63.4							

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
61.2	72.2	near 100	Cont'd.									
			- patchy quartz veining									
			- local cherty? horizons									
			- minimal sulphides									
			63.1- 63.6 - perhaps some cherty intervals			85756	62.9- 64.4	1.5				
			64.6- 65.4 - considerable quartz veining		58° @ 68.0	85757	64.4- 65.7	1.3				
			After 68.0 - increasingly intermediate in bulk composition									
			71.0 - 2 cm quartz vein									
			71.0- 72.7 - considerable irregular quartz veining associated with lithologic contact; increase in po	1-3% po,py 71.0- 72.7		85758	71.0- 72.7	1.7				
			71.3- 72.0 - broken core									
72.2	85.3	90	MAFIC TUFF?	2-4% po								
			- dark green, strongly chloritic									
			- fresh surface texture suggests a flow or intrusive, but fine banding appears tuffaceous									
			- weakly magnetic, with 2-4% very finely disseminated po									
			- occasional patchy and irregular white quartz veins									
			75.0 - 3 to 4 cm irregular white quartz vein									
			75.5 - 7 cm white quartz vein			85759	74.6- 75.6	1.0				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
72.2	85.3	90	Cont'd.									
			78.3- 83.2 - general pervasive carbonatization									
			78.3 - broken core									
			79.0- 79.3 - broken core									
			82.4- 83.7 - considerable irregular patches and veins of white quartz, causing intense local chloritization; up to 30% po, lesser py, minor cp over several cm in some of these veins		51° @ 84.0	85760 85761 85762	81.4- 82.9 82.9- 84.1 84.1- 85.3	1.5 1.2 1.2				
			83.1- 85.3 - silicified, with highly contorted and folded bedding and quartz veins, patches and injections									
85.3	99.1	100	SILICIFIED AND SERICITIZED INTERMEDIATE TUFFS	1% po, py								
			- grey, poorly to well banded, very finely fragmental									
			- variable degree of silicification		51° @ 89.2							
			- occasional green, strongly chloritized bands									
			- sulphides occur as sparse disseminations									
			- occasional veins and patches of white quartz									
			- general chloritization									
			86.3 - amber coloured mineral (staurolite?)									
			89.5 - 10 cm quartz-chlorite vein									
			91.3-91.6 - irregular quartz veining									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
85.3	99.1	100	Cont'd.									
			92.5- 92.9 - chloritic, garnetiferous section			85763	91.1- 92.9	1.8				
			96.0 and 97.0-97.5 - vein-like masses of fine grained, cubic? brown mineral, possibly an aluminosilicate			85764 85765	96.0- 97.1 97.1- 98.2	1.1 1.1				
			97.6- 98.2 - chloritic, garnetiferous interval, feebly magnetic - 20% ragged, almandine garnet									
99.1	106.8	100	MAFIC TUFF OR EPICLASTIC SEDIMENT									
			- dark green, with numerous 1-3 cm biotite rich bands									
			- mineralogy and fine banding suggest a tuff or epiclastic sediment		63° @ 102.6							
			- finely disseminated po associated mostly with the biotite rich bands									
			- a few < 1 cm siliceous bands									
			- minor carbonate in places									
			- rare garnet			85766	99.9-101.4	1.5				
			102.3 - 5 cm white quartz vein with minor po			85767 85768	101.4-102.9 102.9-104.4	1.5 1.5				
			104.9-105.2 - silicified interval			85769	104.4-105.7	1.3				
106.8	117.2	near 100	INTENSELY SILICIFIED TUFFS	1-2% po,py	53° @ contact @ 106.8							
			- 1 to 2% round blue quartz eyes									
			- white, very intensely silicified; likely a felsic tuff originally									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
106.8	117.2	near 100	Cont'd.									
			- well bedded, with light coloured tuffaceous fragments clearly discernible									
			- sparse disseminations, bands and fracture fillings of po, py, except where noted		56° @ 109.3							
			106.9-107.1 - irregular carbonate stringers			85770	106.9-108.4	1.5				
						85771	108.4-109.8	1.4				
			107.3-107.7 - SULPHIDE ZONE - CONDUCTOR	107.3-107.7 40% py								
			- 40% py in bands and remobilized interstitial fillings									
			- quartz veins and probable cherty bands									
			- these may have initially been exhalative sulphides									
			108.1 - 2 cm of 60% po									
			108.3 - 4 cm white quartz vein									
			109.[illegible] - 4 cm white quartz vein									
			107.7-109.3 - 2 to 4% po, py in very thin streaks along foliation planes	107.7-109.3 2-4% po,py								
			114.0 - 5 cm white quartz vein									
117.2	125.3	80	SERICITE SCHIST	2-5% py								
			- silicified, intensely sericitized and schistose tuff									
			- cut by numerous white quartz veins, up to 8 cm in width, parallel to bedding									
			- 2 to 4% py in thin bands and stringers parallel to foliation									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
117.2	125.3	80	Cont'd. - light grey colour 119.7-120.8 - 20 to 40% py in bands parallel to bedding, possibly with cherty horizons. CONDUCTOR	119.7-120.8 20-40% py		85772 85773	118.5-119.7 119.7-120.8	1.2 1.1				
			121.5-123.2 - very schistose and badly broken core			85774 85775	122.6-124.1 124.1-125.3	1.5 1.2				
125.3	137.2	100	SILICIFIED AND SERICITIZED TUFFS - well bedded, mottled light grey to dark grey-black in colour - mafic fragments comprise a significant proportion (up to 30%) of the rock - many mafic fragments are comprised of metamorphic biotite - mafic fragments are often stretched out along foliation planes - 1 to 2% small, oval, blue quartz "eyes" - a few highly irregular veins of coarse chlorite with minor py, po and garnet	2-4% py,po	68° @ contact @ 125.3 62° @ 131.1							
			- variable sulphide content, but generally 1-3% py,po in bands, pods and lenses following foliation planes			85776	126.0-127.5	1.5				
			133.6-134.0 - 4 to 8% py,po in bands, streaks and disseminations associated with quartz-chlorite veining	133.6-134.0 4-8% py,po		85777	133.6-135.1	1.5				
			134.0-137.2 - increasingly silicified 136.7 - broken core		67° @ contact 137.2							

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm	
137.2	142.8	near 100	MAFIC TUFF OR SEDIMENT - dark green, strongly chloritic, well banded - variable garnet content, but up to 10% locally - considerable biotite along foliation planes - 20 to 40% light coloured fragments - finely disseminated po throughout - this may be a metamorphosed silicate iron formation 140.8 - 8 cm white quartz vein	2-4% po, minor py	58° @ 141.3	85778 85779 85780	137.7-139.3 139.3-140.8 140.8-142.3	1.6 1.5 1.5					
142.8	156.9	near 100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF - well banded; strongly chloritic with green and grey colour banding reflecting variable chloritization and sericitization - 1 to 2% round blue quartz eyes - 1 to 3% anhedral almandine garnet, though this is variable - occasional quartz veining causing locally intense chloritization - variable sulphide content, but generally 1-3% py,po as weak disseminations and thin bands and stringers 146.9-147.3 - broken core caused by fracture parallel to core axis	1-3% py,po									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
156.9	167.1	100	SILICIFIED TUFFS - pervasive silicification, poorly bedded - very fine, light coloured tuffaceous fragments - 10 to 20% specks, pods and fine stringers of metamorphic biotite is the most distinctive feature - minimal sulphides in fine disseminations; mostly po	1% po,py	71° @ 156.9	85781	151.0-152.0	1.0				
167.1	176.5	100	SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TUFFS - similar to 156.9 to 167.1 except for development of transluscent to light blue, round quartz porphyroblasts, and coarser fragments - bedding better developed than from 156.9 to 167.1 - weakly chloritic and biotitic; rare garnet - moderate silicification; light and dark coloured fragments - weakly disseminated po 167.1 - 10 cm quartz vein 170.5-170.8 - irregular quartz veining with intense local chloritization 173.8 - 10 cm of silicification and quartz veining 175.6-176.5 - increasing silicification 176.2-176.5 - 5% almandine garnet	1% po	70° @ 171.9	85782 85783	166.7-167.7 170.0-171.0	1.0 1.0				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
176.5	181.4	near 100	STAUROLITIC TUFF OR METASEDIMENT	1-3% py,po								
			- 20 to 40% very fine grained, amber coloured staurolite									
			- up to 30% round quartz fragments or porphyroblasts occur in places, esp. after 179.5									
			- chloritic, sericitic, and intermediate in chemistry									
			- patchy silicification									
			176.5-176.7 - fine grained mafic flow			85784	175.9-176.9 178.3-178.9	1.0 0.6				
			177.1-177.9 - 10% py,po in very fine disseminations, stringers and bands parallel to foliation	177.1-177.9 10% py,po		85785	176.9-178.3	1.4				
			179.2-179.4 - cherty laminations, 3-5% disseminated po, py	179.2-179.4 3-5% po,py		85786	178.9-180.4	1.5				
181.4	188.3	100	SILICIFIED TUFFS	1% po,py								
			- very similar to 156.9 to 167.1 except for presence here of vague feldspar? crystals suggesting a crystal tuff									
			- occasional specks and pods of biotite		53° @ contact @ 188.3							
			- rare garnet									
			- frequent irregular quartz stringers with local sericitization			85787	185.0-186.5	1.5				
188.3	194.1	100	SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TUFF	<1% po,py								
			- similar to 167.1 to 176.5 except this is more coarsely fragmental									
			- felsic and mafic fragments elongated parallel to foliation									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
188.3	194.1	100	Cont'd. mafic fragments reach lapilli in size, though some of these may be due to in situ brecciation and may not be ejecta - 3 to 6% large (up to 1 cm) blue quartz "eyes" (secondary) - sericitic and chloritic; occasional garnet									
194.1	206.1	100	QUARTZ PORPHYRITIC INTERMEDIATE TUFF/TUFFACEOUS METASEDIMENT - 15-20% very fine grained amber coloured staurolite - 2-4% round blue quartz "eyes" - chloritic; weakly silicified, usually in thin bands - light coloured felsic fragments occur as streaks parallel to foliation - occasional garnet; occasional quartz veining - abundance of aluminosilicates suggests a sedimentary origin	1-2% py,po	61° @ 195.7							
			196.3 - 3 cm white quartz vein			85788	196.1-197.9	1.8				
			202.6-203.1 - considerable white quartz veining with intense local chloritization, minor remobilized py		72° @ contact @ 206.1	85789	202.3-204.0	1.7				
			203.9 - 6 cm white quartz vein									

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
206.1	208.2	100	QUARTZ PORPHYRITIC INTERMEDIATE TUFF - similar to 167.1 to 176.5 except for presence here of 5-10% garnet - little silicification, rock looks quite fresh - felsic fragments predominate	Nil								
208.2	210.8	100	SILICIFIED TUFFS - virtually identical to 181.4-188.3, except for presence here of up to 5% almandine garnet 210.5-210.8 - fine grained mafic flow or tuff	< 0.5% sulphides								
210.8	217.9	100	INTERMEDIATE TUFFS - grey, finely banded with fine felsic fragments - up to 20% fine grained staurolite to 214.0 - mm sized light blue quartz "eyes" (secondary?) prominent to 214.0 - after 214.0 rock becomes increasingly schistose, sericitic, and chloritic 217.9 - 8 cm white quartz vein at contact	< 1% py,po		85790	211.7-213.2	1.5				
217.9	233.8	100	QUARTZ PORPHYRITIC INTERMEDIATE-MAFIC TUFF/TUFFACEOUS METASEDIMENT - excellent colour banding, with dark green, chloritic and garnetiferous bands alternating with light coloured siliceous, sericitic, staurolitic bands on a cm scale - 1 to 2% round, blue, quartz eyes	< 1% py,po	63° @ 221.5 72° @ 233.0							

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
217.9	233.8	100	Cont'd. - minimal sulphides, confined primarily to quartz veins 219.6 - 2 cm white quartz vein 222.3 - 7 cm quartz vein 224.0-225.0 - considerable quartz veining with intense local chloritization 225.0 - 1 cm pod of py,po			85791	223.8-225.5	1.7				
	233.8		END OF HOLE									

ACID DIP TESTS:

45.7 m	-63°
91.4 m	-63°
137.2 m	-58°
182.9 m	-53°
228.6 m	-53°

L1250S L1000S L750S L500S L250S L0 L250N L500N

612012 612003

611926 612008 486039 486032

436824 612004 B-15

DRILL ROAD BL0 340°

B-9 486040

B-11 CREEK 233.8m

436825 486068 B-10

B-18 -60° 486033

B-7 B-16

486065

LAKE

B-14 B-8 ROAD 486051

436826

BL625E B-12

436823 486066

NCI-351

Figure No.

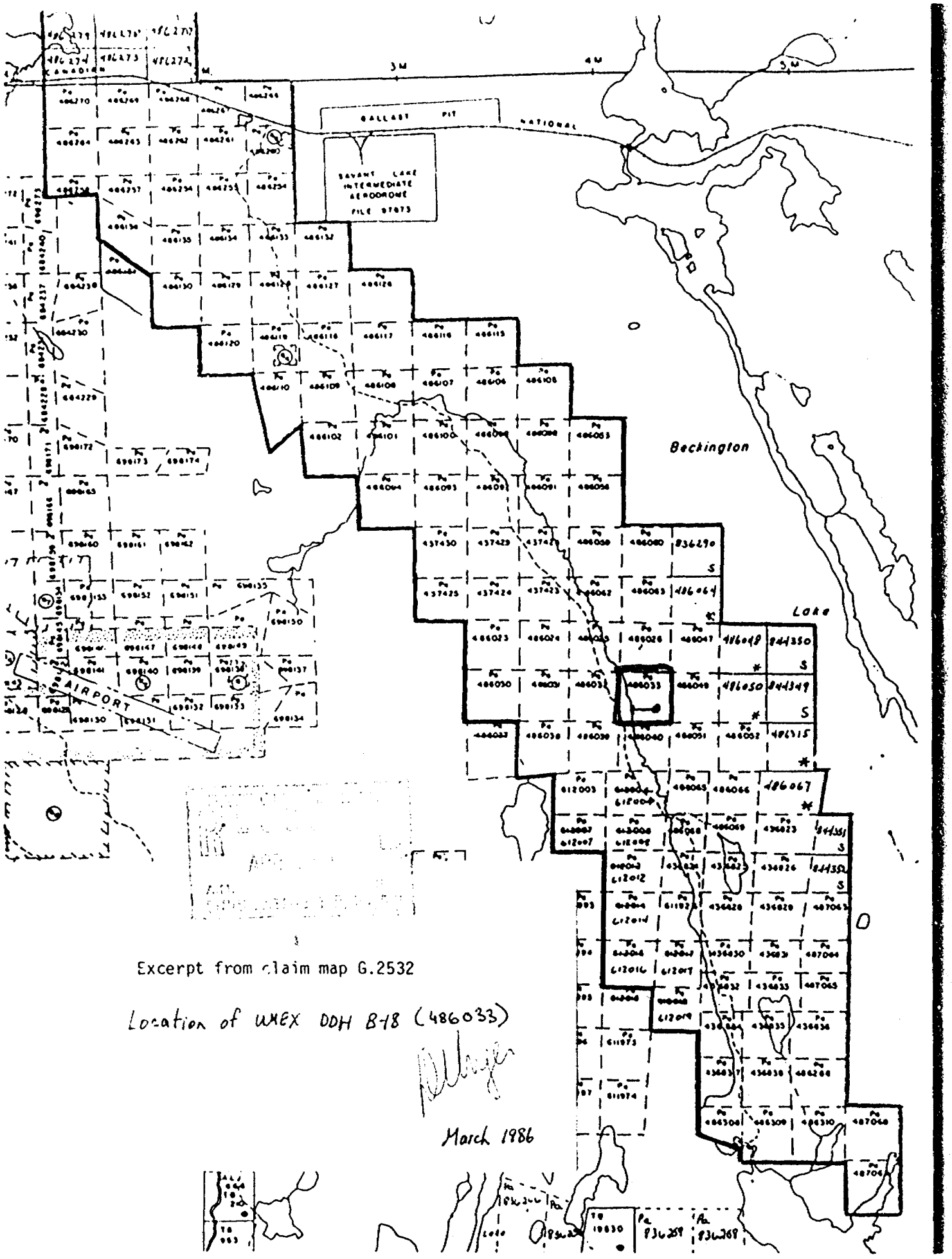
BECKINGTON PROJECT
"CREEK ZONE"
Drill Hole Locations
Location of B-18 LIGHT

Scale: 1:5000 1 INCH

UMEX CORPORATION LTD.

Drawn by: D. UNGER
Date: 15 OCTOBER 1985
Surveyed by:

DWG. No.



Excerpt from claim map G.2532

Location of UMEX DDH B-18 (486033)

March 1986

UMEX INC
DRILL RECORD

PROJECT .	BECKINGTON	Hole No.:	B-19	Local Coord. :	1155N; 325E	Started :	14 March 1986
ANOMALY:	Creek Zone	Bearing :	225°	Depth :	215.5 metres	Completed:	17 March 1986
CLAIM :	Pa 486062	Dip :	-60°	Core Diameter:	BQ	Machine :	Boyles 35A

Drilled By : Morissette

Described By: David Unger

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
			SUMMARY LOG						
0	12.8		Casing						
12.8	17.7		Intermediate tuffs						
17.7	41.0		Siliceous and sericitic lapilli tuff-tuffs/metasediment						
41.0	53.3		Finely banded alternating sericitic and chloritic tuffs and sediments						
53.3	57.9		Carbonated mafic volcanic, probably tuff						
57.9	61.1		Finely banded mafic tuff or sediment						
61.1	74.8		Mafic volcanic, probably tuff						
74.8	90.3		Siliceous and sericitic tuffs						
90.3	97.1		Well bedded siliceous and sericitic tuffs						
97.1	107.5		Siliceous and sericitic lapilli tuffs						
107.5	110.0		Sericite schist						
110.0	115.3		Intensely sericitized tuffs						
115.3	116.9		Fault Zone						
116.9	119.0		Siliceous and sericitic tuffs						
119.0	126.9		Siliceous and staurolitic tuff or metasediment						
126.9	134.0		Intermediate staurolitic tuffs or metasediment						
134.0	137.5		Siliceous and staurolitic tuffs						
137.5	138.7		Intensely silicified rock (chert?)						
138.7	140.1		Strongly silicified tuffs						
140.1	148.9		Staurolitic intermediate tuffs						
148.9	151.0		Strongly silicified and sericitized tuffs						
151.0	157.3		Quartz porphyritic intermediate to mafic tuff						
157.3	159.1		Mafic volcanic? intrusive?						
159.1	185.0		Variably silicified quartz porphyritic and garnetiferous tuffs						
185.0	215.5		Quartz porphyritic and staurolitic intermediate to mafic tuffs						
	215.5		END OF HOLE						

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-19 | Local Coord. : 1155N; 325E | Started : 14 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 225° | Depth : 215.5 metres | Completed: 17 March 1986 | Described By: David Unger

CLAIM : Pa 486062 | Dip : -60° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
0	12.8		Casing						
12.8	17.7	60?	INTERMEDIATE TUFFS - grey, with occasional cm wide dark green chloritic bands - some siliceous bands; weakly biotitic - minor disseminated po 12.8- 15.3 - broken core 16.7- 17.7 - increasingly siliceous 17.4- 17.7 - quartz veining with intense chloritization	< 0.5% sulphides					
17.7	41.0	85	SILICEOUS AND SERICITIC LAPILLI TUFFS-TUFFS/METASEDIMENT - green, cream and pink colour banding and some fine laminations - foliation occasionally wavey and crenulated - generally felsic fragments up to lapilli size, many have indistinct outlines due to degree of alteration - variable degree of silicification, sericitization and chloritization	< 0.5% sulphides		89801	18.9- 20.4	1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
17.7	41.0	85	Cont'd. - this rock is quite intensely altered - considerable broken core to 27.0 - crenulated features may represent soft sediment deformation - many large (core diameter) mafic clasts may represent sedimentary rip-up clasts formed in a high energy sedimentary environment - numerous veins and injections of quartz - occasional secondary quartz "eyes"			89802	29.7- 31.1	1.4	
			31.4- 32.1 - quartz veining with local development of chlorite and biotite		45° @ 35.2	89803	31.1- 32.6	1.5	
			36.6- 37.0 - quartz veining with intense local chloritization and local development of apple green sericite			89804	36.8-38.3	1.5	
						89805	38.3- 39.8	1.5	
			38.6- 40.8 - considerable irregular, patchy quartz veining with local development of chlorite, sericite, and biotite			89806	39.8- 41.0	1.2	
41.0	53.3	95	FINELY BANDED ALTERNATING SERICITIC AND CHLORITIC TUFFS & SEDIMENTS - finely banded, fine grained sediments or tuffs alternate between grey, sericite rich and green chlorite ± garnet rich horizons of up to 1 m each - very finely disseminated po accompanies the more chloritic intervals - parts of this unit represent a sulphide-silicate iron formation	2-6% po variable					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
41.0	53.3	95	Cont'd.						
					59° @ 45.0				
			- fine grained biotite throughout, especially in the chloritic horizons where it is the result of retrograde metamorphism						
			41.3- 41.6 - 30% almandine garnet, 4-6% po	41.3-41.6		89807	41.0- 42.8	1.8	
			42.1 - 10 cm quartz vein	4-6% po		89808	44.6- 46.3	1.7	
			42.8- 44.4 - grey, sericitic interval			89809	46.3- 47.9	1.5	
			46.3- 47.1 - 10-15% anhedral almandine garnet			89810	47.9- 49.7	1.8	
			48.8- 49.7 - chloritic, mafic horizon with fine biotitic banding						
			49.7- 51.5 - sericitic, grey tuffs		49° @ 51.9				
			51.5- 53.3 - finely banded grey-green tuffs or sediments			89811	51.7- 53.3	1.6	
			51.8 - 3 mm seam of po						
53.3	57.9	near 100	CARBONATED MAFIC VOLCANIC, PROBABLY TUFF	1-2% po					
			- dark green and chloritic						
			- weakly biotitic in bands parallel to foliation						
			- streaks, stringers and general interstitial carbonate						
57.9	61.1	near 100	FINELY BANDED MAFIC TUFF-SEDIMENT	2-5% po minor py,cp		89812	57.9- 61.1	2.2	
			- as from 53.3 to 57.9 but with less carbonate, more sulphides, and better developed biotitic (brown)-chloritic (green) banding, alternating over 1-3 cm widths						
			- 1 to 4% garnet (variable)						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
57.9	61.1	near 100	Cont'd. - sulphides occur as very fine disseminations of po with minor py,cp; also in bands parallel to bedding - sulphides prefer the biotite rich material 61.0- 61.5 - weakly silicified, with 30% quartz porphyroblasts		60° @ 60.4				
61.1	74.8	near 100	MAFIC VOLCANIC, PROBABLY TUFF - similar to 53.3 to 47.9, but only very weakly carbonated - chloritic, with occasional secondary quartz porphyroblasts - weakly biotitic in bands parallel to foliation - 1 to 3% finely disseminated po,py - occasional pods and veins of carbonate and/or quartz - rare garnet 63.2 - irregular quartz vein with 3-5% po,py 66.6 - broken core 70.5 - broken core 73.1 - 4 cm quartz vein	1-3% po,py	70° @ 69.6	89813 89814	67.0- 68.5 72.7- 74.2	1.5 1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
74.8	90.3	90	SILICEOUS AND SERICITIC TUFFS - grey, fine grained and finely bedded, much finer grained than 17.7-41.0 - variable degree of silicification and sericitization - some fine tuffaceous fragments discernible in places - variable chloritization - sporadic quartz veining - negligible sulphides 76.2 - 8 cm quartz vein 76.2- 77.2 - strongly sericitic and schistose 81.2- 81.7 - chloritic section with 20% highly elongated garnet 83.9- 84.9 - 20 to 30% staurolite 84.6- 84.9 - considerable quartz veining 85.8 - 5 cm quartz vein 85.7- 89.7 - very siliceous, with crenulated foliation and well defined tuffaceous fragments 87.5- 89.7 - 2 to 5% py as streaks, pods and hairline fracture fillings 89.7- 90.3 - shear zone with broken core and fault gouge	minor sulphides 87.5- 89.7 2-5% py	59° @ 92.6	89815 89816	83.9- 85.8 87.5- 89.7	1.9 2.2	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
90.3	97.1	100	WELL BEDDED SILICEOUS AND SERICITIC TUFFS - very similar to 74.8 to 90.3 except for a well developed foliation (bedding?) developed here - very fine tuffaceous fragments comprise perhaps 50% of the rock - siliceous and sericitic; weakly chloritic - sulphides occur as small (mm sized) disseminations, pods and very thin stringers	1-3% py,po		39817	92.9- 94.4	1.5	
97.1	107.5	100	SILICEOUS AND SERICITIC LAPILLI TUFFS - identical to above except for presence of intermediate to mafic lapilli accounting for 10-15% of the rock - lapilli are greatly elongated parallel to foliation - sulphides as from 90.3 to 97.1 103.0-103.3 - silicified interval 105.7 - 12 cm white quartz vein	1-3% py,po	58° @ 98.2	89818 89819	103.1-104.6 104.6-106.0	1.5 1.4	
107.5	110.0	80?	SERICITE SCHIST - strongly schistose and broken core - intensely sericitic; considerable silicification - possibly some cherty horizons? - greasy, talcose feel and pearly lustre on some fracture planes	1-3% py,po		89820	107.5-110.0	2.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
107.5	110.0	80?	Cont'd. - generally minor sulphide content, but occasional bands (mm sized) parallel to foliation contain up to 3% py,po						
110.0	115.3	80?	INTENSELY SERICITIZED TUFFS - intense sericitization resulting in very schistose and broken core - moderate silicification; numerous quartz veins - occasional blue quartz "eyes" - weakly banded 110.2 - 7 cm quartz vein 110.0-111.9 - intensely crenulated foliation 111.3-111.6 - irregular quartz veining 111.7-112.1 - 5% py in pods and bands	1% py,po 111.7-112.1 5% py	58° @ 113.4	89821	110.0-112.1	2.1	
115.3	116.9	70?	FAULT ZONE - core fractured and broken, particularly at 116.0-116.2, where fault gouge occurs - core muddy and rusty - Fe oxidation makes it difficult to discern the original rock type, though it appears to be fairly siliceous - only trace amounts of carbonate and sulphides	Tr. sulphides		89822	115.3-116.9	1.6	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
116.9	119.0	95	SILICEOUS AND SERICITIC TUFFS - grey, well bedded, fine to medium grained - 2 to 3% small, blue quartz "eyes" (secondary?) - chloritic - minor disseminated po,py	1-2% po,py					
119.0	126.9	97	SILICEOUS AND STAUROLITIC TUFF OR METASEDIMENT - 10 to 20% fine grained amber coloured staurolite in bands and disseminations - moderate to locally intense silicification - fragmental nature only locally discernible - chlorite is present but there is little, if any, biotite - occasional quartz veining and transluscent to blue quartz "eyes" - locally abundant concentrations (5-10% over 1-5 cm) of py, po in remobilized stringers, hairline fracture fillings and bands	2-5% py,po except where noted	59° @ 122.3				
			119.5 - 5-10% po			89823	119.1-121.0	1.9	
			120.6 - 10 cm of 10% stringer py,po						
			123.9 - 4 cm quartz vein						
			123.2-123.3 - 10% py,po in pods and stringers			89824	123.2-124.1	0.9	
			123.9-124.1 - 5-10% stringer py,po						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
119.0	126.9	97	Cont'd.						
			124.2-125.3 - considerable quartz veining		54° @	89825	124.1-125.3	1.2	
			127.6 - 3 cm quartz vein		126.9				
126.9	134.0	100	INTERMEDIATE STAUROLITIC TUFFS OR METASEDIMENT	1-3% py,po					
			- as above, but with less silica and more sericite and chlorite						
			- fewer sulphides and only minor quartz veining						
			- a few siliceous intervals, esp. 132.2-133.8						
			133.2-133.7 - 5-10% stringer py,po	133.2-133.7 5-10% py,po		89826	133.2-134.0	0.8	
134.0	137.5	near 100	SILICEOUS STAUROLITIC TUFFS	1-3% py,po					
			- better foliated and more sericitic than 119.0-126.9						
			- 20 to 30% staurolite in bands parallel to foliation						
			- greenish, chloritic bands faintly visible						
			- 2 to 3% blue, secondary, quartz "eyes"						
			137.1-137.5 - 10% stringer py,po	137.1-137.5 10% py,po locally 10% py,po		89827	137.1-138.7	1.6	
137.5	138.7	100	INTENSELY SILICIFIED ROCK (CHERT?)						
			- white, almost 100% silica						
			- practically featureless, though with some faint tuffaceous banding						
			- local bands (< 1 cm) of 10% py, some po						

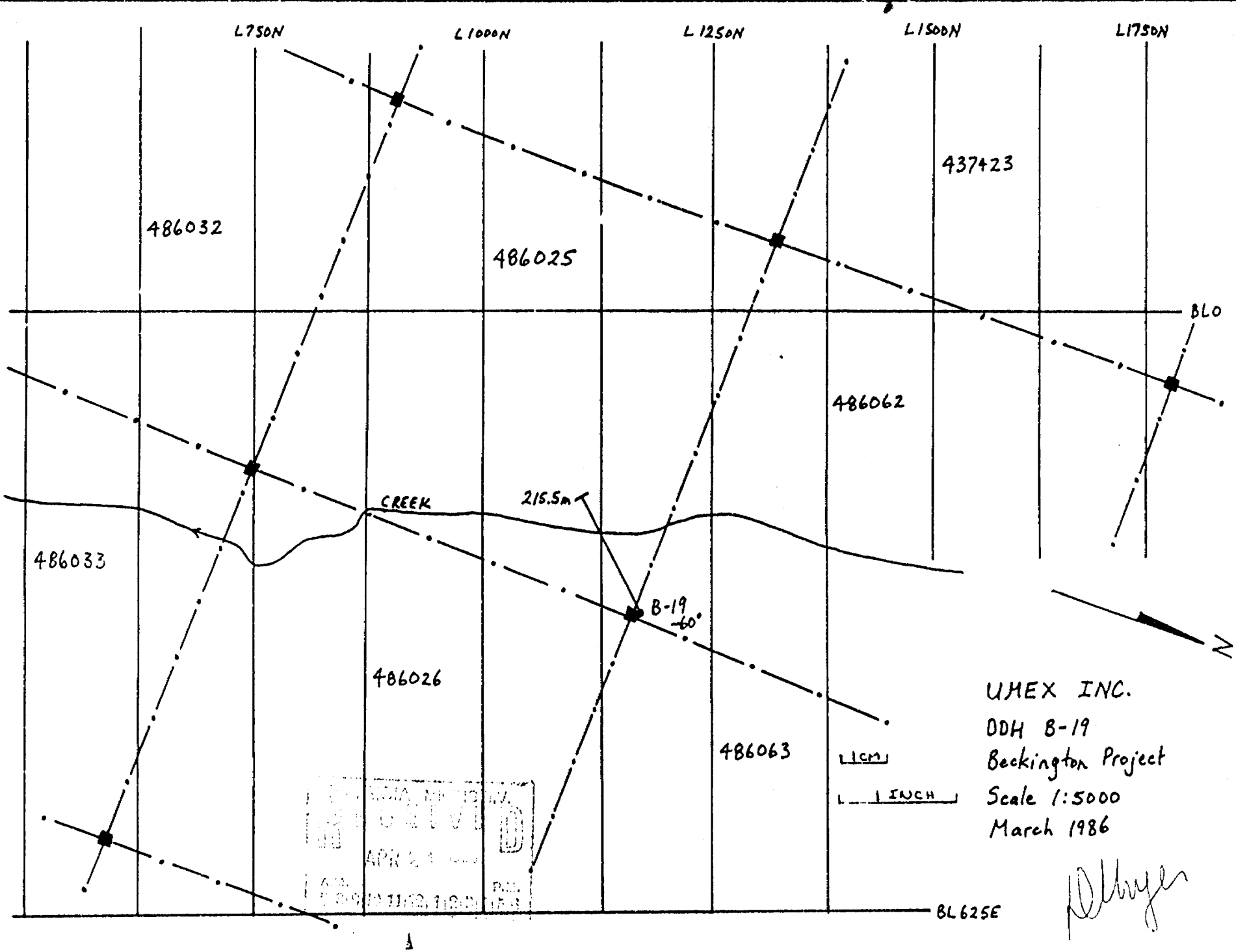
Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
138.7	140.1	100	STRONGLY SILICIFIED TUFFS - mm sized felsic fragments clearly discernible in places - 5 to 10% banded staurolite - very siliceous - very minor sulphides	Tr.	52° @ 139.5				
140.1	148.9	near 100	STAUROLITIC INTERMEDIATE TUFFS - strongly chloritic and sericitic, patchy silicification - 1 to 2% round blue, secondary quartz "eyes" - variable staurolite content, but locally up to 20% - occasional garnet - sulphides in streaks, stringers, and disseminations - increasingly siliceous toward the bottom of this unit. 141.5-143.3 - considerable white quartz veining with intense local chloritization	1-2% py,po		89828	141.5-143.3	1.8	
148.9	151.0	98	STRONGLY SILICIFIED AND SERICITIZED TUFFS - mm sized quartz fragments throughout (crystal tuff?) - greenish grey, reflecting strong sericitization and chloritization - vague banding - minor sulphides 150.9 - 6 cm white quartz vein	< 0.5% py,po					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
151.0	157.3	near 100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF - similar to 140.1 to 148.9, except for increase here in chlorite - 1 to 2% round, blue quartz "eyes" (secondary) - local concentrations of staurolite up to 20% in bands parallel to foliation - occasional very ragged almandine garnet blebs, up to 1 cm, elongated parallel to foliation and associated with chlorite-rich material - a few minor, local concentrations of stringer py,po - weak silicification in places; locally sericitic and/or biotitic	1-2% po,py	66° @ 155.9	89829	154.6-155.6	1.0	
157.3	159.1	100	MAFIC VOLCANIC? INTRUSIVE? - medium grained, green, chloritic - fresh surface texture is intrusive, i.e. dense, interlocking, massive - some evidence of banding on core surface, however this effect may be metamorphic - siliceous bands and fragments or phenocrysts in places 157.3-157.4 - irregular quartz veining	Nil		89830	157.1-158.5	1.4	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
159.1	185.0	100	VARIABLY SILICIFIED QUARTZ PORPHYRITIC AND GARNETIFEROUS TUFFS	< 1% sulphides					
			- grey to green in colour, generally well bedded						
			- variable degree of silicification, but original rock appears to have been a tuff of intermediate or intermediate to mafic composition		71° @ 172.9				
			- variable amounts of chlorite and sericite						
			- light and/or dark coloured fragments comprise less than 50% of the rock						
			- very ragged almandine garnets concentrated primarily in chlorite rich intervals; occasional staurolite bands						
			- 1 to 2% round secondary blue quartz "eyes"						
			- occasional patches and veins of quartz						
			162.1-163.0 - sericitic interval						
			164.9-165.0 - patchy quartz veining			89831	164.3-165.8	1.5	
			168.5-168.7 - sericitic interval						
			169.9-170.2 - strongly chloritic; 30% garnet			89832	169.8-170.8	1.0	
			170.2-179.3 - sericite rich, negligible garnet						
			179.1-179.9 - considerable irregular patchy quartz veining causing intense local chloritization		71° @ 184.0	89833	178.9-180.5	1.6	
			180.3-181.2 - fine grained chloritic faintly banded mafic flow?			89834	180.5-182.0	1.5	
			181.2-185.0 - 1-2% py,po in stringers and disseminations	181.2-185.0 1-2% py,po		89835	182.0-183.5	1.5	
						89836	183.5-185.0	1.5	

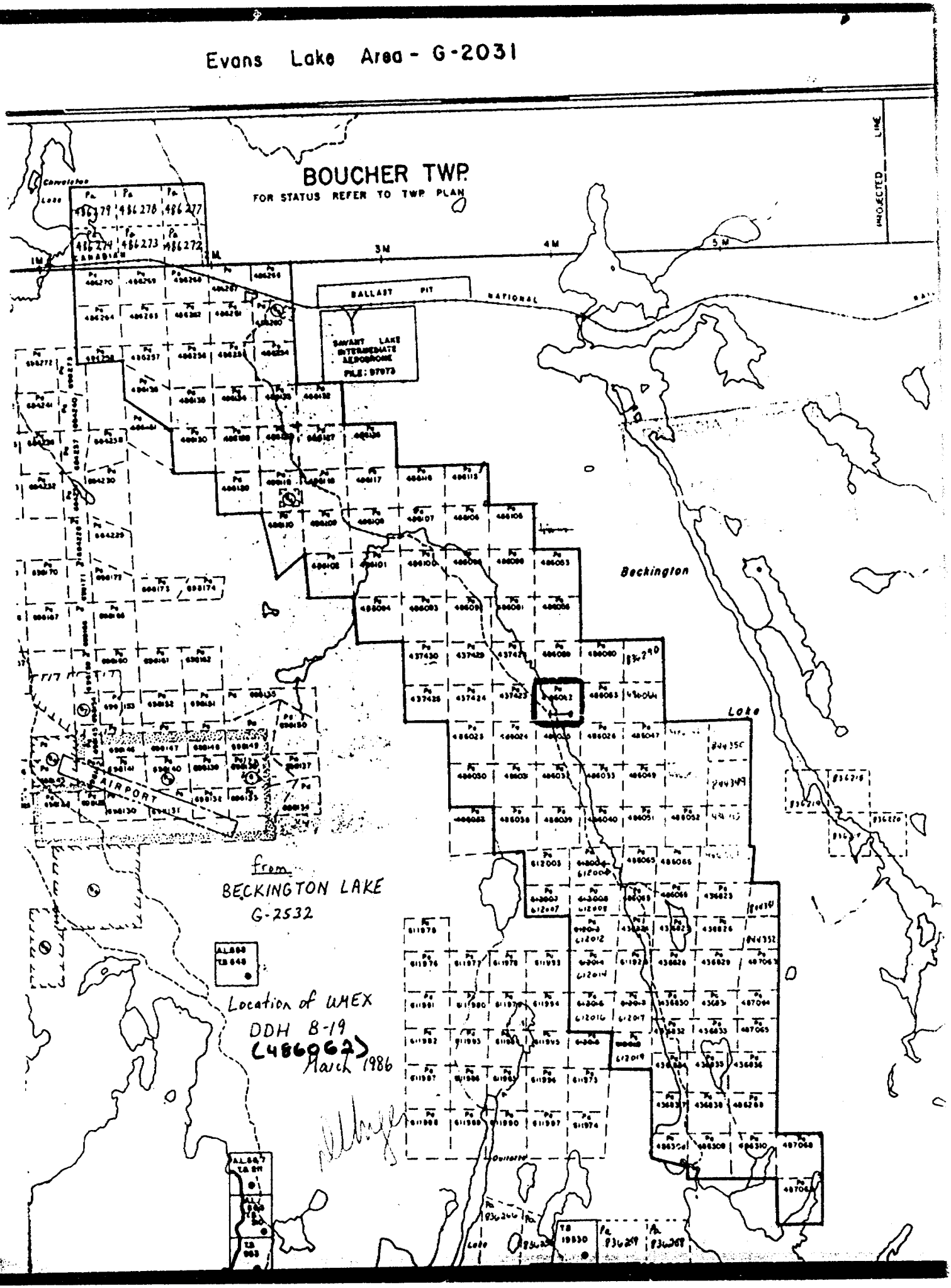
Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
185.0	215.5	100	QUARTZ PORPHYRITIC AND STAUROLITIC INTERMEDIATE TO MAFIC TUFFS - remarkably uniform throughout - grey-green colour reflecting predominance of chlorite and sericite - rare garnet - light coloured (felsic?) fragments, mm sized, elongated parallel to foliation comprise >50% of the rock - round to angular blue quartz "eyes" (secondary) comprise 1-2% - occasional concentrations of staurolite in bands parallel to foliation - occasional dark green, chlorite rich bands - rare sulphides, but occasional minor concentrations of py, po - minor silicified patches	< 1% sulphides					
			191.5 - 10 cm white quartz vein, minor associated py, po			89837	191.1-192.1	1.0	
			205.0-206.3 - silicified veinlets		63° @ 200.0	89838	205.0-206.3	1.3	
			206.1 - 5 cm quartz vein		63° @ 207.2				
			208.0-209.4 - fine grained mafic flow, chloritic						
			213.3 - 3 cm quartz vein						
	215.5		END OF HOLE						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
			ACID DIP TESTS: 45.7 m -65° 91.4 m -65° 137.2 m -63° 182.9 m -62°						



UMEX INC.
DDH B-19
Beckington Project
Scale 1:5000
March 1986

Evans Lake Area - G-2031



UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-20 | Local Coord. : 187.5N; 225E | Started : 20 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 245° | Depth : 227.7 metres | Completed: 23 March 1986 | Described By: David Unger

CLAIM : Pa 486033 | Dip : -62° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Samp. Length	Assay Results
			SUMMARY LOG						
0	18.9		Casing						
18.9	19.7		Sericitized tuff						
19.7	20.9		White quartz vein						
20.9	24.1		Sericitized and altered tuffs						
24.1	29.4		Garnetiferous and chloritic tuff						
29.4	46.3		Amphibolitized mafic volcanic						
46.3	65.5		Weakly banded mafic flow or tuff						
65.5	81.4		Sericitized and silicified tuffs						
81.4	86.8		Silicified quartz porphyritic tuffs						
86.8	90.5		Chloritized and sericitized tuffs						
90.5	91.1		Chlorite sericite schist						
91.1	93.1		Quartz porphyritic intermediate tuffs						
93.1	95.5		Silicified quartz porphyritic tuffs-lapilli tuffs						
95.5	100.8		Sericitized and silicified intermediate tuffs						
100.8	106.2		Intermediate to mafic tuffs						
106.2	111.9		Biotitic and garnetiferous intermediate tuffs						
111.9	116.5		Weakly silicified garnetiferous tuffs						
116.5	122.9		Weakly silicified quartz porphyritic intermediate tuffs						
122.9	124.7		Chloritic and garnetiferous tuffs						
124.7	126.0		Weakly silicified quartz porphyritic intermediate tuffs						
126.0	143.6		Weakly silicified intermediate tuffs						
143.6	149.1		Moderately silicified tuffs						
149.1	158.0		Variably silicified intermediate tuffs						
158.0	175.0		Quartz porphyritic and garnetiferous intermediate to mafic tuff or metasediment						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
			SUMMARY LOG (con't.)						
175.0	204.5		Quartz porphyritic intermediate to mafic tuff or metasediment						
204.5	214.3		Moderately silicified quartz porphyritic intermediate tuffs or sediment						
214.3	217.8		Silicified and strongly altered tuffs						
217.8	227.7		Quartz porphyritic intermediate to mafic tuff or metasediment						
	227.7		END OF HOLE						

52 J/02 NE - 0017 #1

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-20 | Local Coord. : 187.5N; 225E | Started : 20 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 245° | Depth : 227.7 metres | Completed: 23 March 1986 | Described By: David Unger

CLAIM : Pa 486033 | Dip : -62° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
0	18.9		Casing						
18.9	19.7	100	SERICITIZED TUFF - well foliated and strongly sericitized tuff - numerous dark coloured chloritic fragments	Nil					
19.7	20.9	75?	WHITE QUARTZ VEIN - white bull quartz with occasional streaks and patches of strongly sericitized and chloritized country rock - considerable broken core - negligible sulphides	Nil		89839	19.7- 20.9	1.2	
20.9	24.1	75	SERICITIZED AND ALTERED TUFFS - strongly sericitic, with some silicification and chloritization - occasional, patchy quartz veining, very irregular in outline - core is strongly broken and fractured throughout - negligible sulphides	Nil					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
24.1	29.4	80	GARNETIFEROUS AND CHLORITIC TUFF - intermediate to mafic in composition, though with local silicification - angular, glassy blue-black fragments comprise ~15% of the rock - ragged, anhedral almandine garnet comprises 10-25% of the rock, and is generally elongated parallel to foliation - strongly chloritic; considerable broken core throughout - minor disseminated po - a few very minor veinlets of epidote 24.1- 24.6 - broken, muddy core, with some fault gouge and Fe oxidation; also, a broken 5 cm quartz vein	1% po		89840	27.6- 29.1	1.5	
29.4	46.3	90	AMPHIBOLITIZED MAFIC VOLCANIC - green, fine to medium grained, very weakly banded amphibolite, likely of mafic volcanic origin - some chlorite and minor biotite - occasional carbonate patches, veins, and hairline stringers - generally 1-3% disseminated po, py with occasional local concentrations of up to 5% - considerable broken core	1-3% po,py	51° @ 40.5		38.9- 40.3	1.4	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
29.4	46.3		Cont'd. 29.1- 29.8 - broken core 43.3- 46.3 - considerable broken core and some fault gouge - some weak quartz veining and silicification						
46.3	65.5	95	WEAKLY BANDED MAFIC FLOW OR TUFF - much as above except this unit is better banded, with a slight increase in biotite, mostly in bands parallel to foliation - amphibole altering to chlorite remains the dominant mineralogy - continued carbonate (calcite) stringers and veins and patches - disseminated and weakly banded po, py tend to be concentrated in the biotite rich sections 49.4- 50.0 - silicified section 50.1- 50.6 - chlorite-garnet-po rich zone with 3-5% garnet and po 51.1- 51.3 - considerable calcite veining 56.4- 57.0 - 5-10% garnet with 5% disseminated po, py 55.0- 55.0 - broken core 57.1 - 4 cm carbonate vein 57.4 - 10 cm quartz-carbonate vein with 5-10% remobilized po, py	1-2% po,py 50.1-50.6 3-5% po 56.4-57.0 5% po,py	51° @ 53.9	89842 89843 89844	50.0- 51.4 55.8- 57.3 57.3- 58.8	1.4 1.5 1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
46.3	65.5	95	Cont'd.						
			62.7 - 20 cm of irregular quartz-carbonate veining with 3-5% remobilized po, py			89845 89846	61.7- 63.0 63.0- 64.4	1.3 1.4	
			63.1- 63.8 - silicified, with 5-10% disseminated and banded po, py	63.1-63.8 5-10% po,py					
			63.6 - 5-10% banded py, possibly within chert						
65.5	81.4	90	SERICITIZED AND SILICIFIED TUFFS	< 1% sulphides	57° @ 65.6				
			- fairly well banded greenish-grey to white tuffs						
			- strong though locally variable sericitization and silicification						
			- occasional patches and veins of chloritized material						
			- some fine tuffaceous fragments visible in places						
			- occasional transluscent to blue quartz "eyes"						
			- occasional quartz veining						
			- after 69 m: very strongly sericitic and schistose						
			- 5 to 10 cm white quartz veins at 71.8; 72.4; 73.8; 74.3						
			66.3- 67.7 - 3-5% po. py as disseminations, streaks and bands	66.3-67.7 3-5% po,py		89847 89848	66.1- 67.4 67.4- 68.7	1.3 1.3	
			67.7- 68.2 - 20-30% vuggy, remobilized py, filling fractures and as veins and interstitial fillings	67.7-68.2 20-30% py	56° @ 72.8				
			- some late quartz veining associated						
			- possible chert?						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
65.5	81.4	90	Cont'd.						
			75.5- 75.8 - irregular quartz veining			89849	74.9- 76.4	1.5	
			76.0 - 5 cm quartz vein						
			79.9 - 5 cm quartz vein		30° @ 77.8				
			80.6- 81.4 - broken and schistose core						
81.4	86.8	100 to 83.9 75 to 86.8	SILICIFIED QUARTZ PORPHYRITIC TUFFS	1-2% py,po		89850	81.4- 82.9	1.5	
			- strongly silicified, with weak to moderate sericitization						
			- less schistose and sericitic than above unit		54° @ 86.3				
			- 1 to 2% round, blue secondary quartz "eyes"						
			- fragments are siliceous, banded, and crenulated, and comprise 30-40% of the rock						
			- sulphides occur as streaks and disseminations						
			83.9- 86.8 - no change in mineralogy, but core is very broken and schistose in this interval						
86.8	90.5	95	CHLORITIZED AND SERICITIZED TUFFS	1-3% py					
			- greenish grey, well foliated and schistose						
			- more strongly chloritized than previous units			89851	87.5- 89.0	1.5	
			- patchy silicification						
			- occasional quartz veining and blue quartz "eyes"						
			- 1 to 3% disseminated py						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results				
90.5	91.1	85?	CHLORITE SERICITE SCHIST	minor sulphides									
			- as above, but extremely schistose										
			- possibly a fault zone										
91.1	93.1	near 100	QUARTZ PORPHYRITIC INTERMEDIATE TUFFS	1-2% py									
			- green, chloritic, well banded, fine grained tuffs		52° @ 91.6								
			- 1 to 2% blue quartz eyes elongated parallel to foliation										
			- 1 to 2% disseminated py										
93.1	95.5	100	SILICIFIED QUARTZ PORPHYRITIC TUFFS-LAPILLI TUFFS	1-2% py	50° @ 95.0								
			- similar to 81.4 to 86.8, except for an increase in fragment size here										
			- silicified and sericitized										
			- sulphides as weak disseminations										
			- 1 to 2% round, blue quartz eyes										
95.5	100.8	98	SERICITIZED AND SILICIFIED INTERMEDIATE TUFFS	< 1% py, po									
			- somewhat similar to 65.5 to 81.4, except for an increase in chlorite here										
			- patchy but occasionally intense sericitization and silicification		53° @ 99.0								
			- very well foliated and banded in places										
			- 1 to 2% blue, secondary quartz "eyes"										

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Samp Interv	Sample Length	Assay Results
95.5	100.8	98	Cont'd. - fine tuffaceous fragments clearly discernible in places 97.9 - 5 cm quartz vein 99.0-100.8 - 2-4% po in stringers, thin bands, and fracture fillings 100.1-100.8 - strong silicification	99.0-100.8 2-4% po		89852	99.0-100.8	1.8	
100.8	106.2	near 100	INTERMEDIATE TO MAFIC TUFFS - well foliated, green, strongly chloritic, weakly sericitic - fine, light coloured tuffaceous fragments - rare garnet - occasional quartz veining - very minor sulphides 102.2 - 4 cm quartz vein 105.8 - 3 cm quartz vein with 10% po	< 0.5% sulphides	65° @ 109.6				
106.2	111.9	near 100	BIOTITIC AND GARNETIFEROUS INTERMEDIATE TUFFS - slightly more siliceous than the previous unit - about 5-10% biotite along foliation planes - considerable chlorite	1% po					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
106.2	111.9	near 100	Cont'd. - well banded (bedded?) - variable garnet content, but generally 2 to 4% - minor disseminated po, occasionally in the 1 to 2% range over short intervals			89853 89854	107.4-108.4 110.4-111.9	1.0 1.5	
111.9	116.5	100	WEAKLY SILICIFIED GARNETIFEROUS TUFFS - prominent light coloured tuffaceous fragments elongated parallel to foliation - 1 to 2% round, secondary, blue quartz eyes - 5 to 10% almandine garnet concentrated mainly in chloritic sections - light coloured, silicified bands - very minor disseminated sulphides	< 0.5% py, po					
116.5	122.9	100	WEAKLY SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TUFFS - similar to above, except garnet content here is about 1 to 3% - 1 to 2% round blue quartz eyes - light coloured tuffaceous fragments elongated parallel to foliation - weak pervasive silicification - weakly chloritic and biotitic	< 0.5% sulphides	54° @ 117.8				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
122.9	124.7	100	CHLORITIC AND GARNETIFEROUS TUFFS - intermediate to mafic in composition - similar to 116.5-122.9 except for chlorite here instead of biotite - 1-2% blue quartz "eyes";3-5% garnet	minor sulphides					
124.7	126.0	100	WEAKLY SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TUFFS - as from 116.5-122.9						
126.0	143.6	100	WEAKLY SILICIFIED INTERMEDIATE TUFFS - very pronounced light coloured felsic fragments elongated parallel to foliation comprise 30-40% of the rock; some are quite angular - groundmass is dark coloured and weakly biotitic and weakly silicified; biotite is mostly confined to foliation planes - variable garnet content, though generally 1-3% - rock is rather "fresh" looking in places - occasional thin, chloritic bands - 1 to 2% round, transluscent to blue quartz "eyes" - rare sulphides After about 137 m - becoming increasingly silicified and intermediate to felsic in composition - 3 to 6 cm white quartz veins at 141.5; 141.8 and 142.0	Tr. py,po	66° @ 132.2 61° @ 139.9	89855	131.7-133.2	1.5	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
143.6	149.1	100	MODERATELY SILICIFIED TUFFS - probably a more silicified version of 126.0 to 143.6, since there are short intervals here of that unit - variable silicification and sericitization, some chloritization - increase in po, which occurs mainly as vein-like remobilizations associated with chlorite rich bands (< 3 cm thick) - minimal biotite, occasional quartz "eyes" - fragmentary nature distinct only in the less altered intervals	1-3% po	65° @ 150.0	89856 89857 89858	143.5-145.4 145.4-147.2 147.2-148.6	1.9 1.8 1.7	
149.1	158.0	100	VARIABLY SILICIFIED INTERMEDIATE TUFFS - something of a mixture of 126.0 to 143.6 and 143.6 to 149.1 - variable silicification, chloritization, and fragmental development - increasing development of chloritic and garnetiferous banding toward the bottom of the unit	1-3% po variable	60° @ 160.5	89859	150.8-152.8	2.0	
158.0	175.0	100	QUARTZ PORPHYRITIC & GARNETIFEROUS INTERMEDIATE TO MAFIC TUFF OR METASEDIMENT - green, well banded, with colour banding reflecting varying proportions of chlorite and sericite - anhedral almandine garnets concentrate locally in several cm wide dark green chloritic bands; they may comprise 50% of the rock locally	< 1% po, py	61° @ 166.0				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
158.0	175.0	100	Cont'd. - 1 to 2% blue, secondary, quartz "eyes" - occasional thin quartz veins - very fine fragmental texture - may be dealing here with a tuff or an interbedding of tuffs and reworked tuffs (metasediments) - minor fine disseminations of py, po, or in association with chlorite-garnet material - general chloritization is the main alteration 160.8-162.3 - up to 70% garnet in numerous 2-10 cm wide dark green, chloritic bands After 166.0 - becoming less garnetiferous and increasingly staurolitic - GRADATIONAL CONTACT -			89860	160.8-162.3	1.5	
175.0	204.5	100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF OR METASEDIMENT - as above, except with only minor garnet here - strong pervasive chloritization - 5 to 10% staurolite, generally in bands parallel to foliation - well banded, with staurolite rich and chlorite rich bands - staurolite rich bands are quite pronounced in some sections	< 1% po,py	55° @ 182.5				

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
175.0	204.5	100	Cont'd.						
			179.3-179.5 - white quartz vein with intensely chloritized wallrock xenoliths			89861	178.9-179.7	0.8	
			187.3 - 4 cm white quartz vein						
			- a few sections, generally < 2 m in length, exhibit moderate silicification, as from 191.1 to 194.2; also short (< 5 cm) siliceous bands occur periodically		57° @ 194.9				
			195.9 - 7 cm white quartz vein						
			200.1 - quartz vein causing intense local chloritization and sericitization						
			200.3-204.5 - increasingly garnetiferous			89862	200.0-201.4	1.4	
			- GRADATIONAL CONTACT -						
204.5	214.3	near 100	MODERATELY SILICIFIED QUARTZ PORPHYRITIC INTERMEDIATE TUFF OR SEDIMENT						
			- as above, but with moderate pervasive silicification	< 1% po,py	59° @ 208.0				
			- staurolite continues in thin bands parallel to foliation						
			- 2 to 4% secondary blue quartz "eyes"						
			- silicification occurs mostly in bands						
			After 212.5 - becoming increasingly silicified toward the contact at 214.3; also strong staurolitic banding in this interval			89863	212.7-214.2	1.5	
						89864	214.2-215.7	1.5	
						89865	215.7-217.0	1.3	
						89866	217.0-218.9	1.9	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
214.3	217.8	100	SILICIFIED AND STRONGLY ALTERED TUFFS - strong silicification and sericitization - rock is strongly altered leaving few primary textures - some patchy, vein-like areas of intense silicification - numerous dark chloritic bands, otherwise rock is very light coloured - scattered tourmaline? 217.7 - 8 cm carbonate vein causing intense local chloritization 218.3-218.7 - biotitic banding	< 1% sulphides					
217.8	227.7	100	QUARTZ PORPHYRITIC INTERMEDIATE TO MAFIC TUFF OR METASEDIMENT - identical to 175.0 to 204.5	< 1% sulphides	71° @ 221.7				
	227.7		END OF HOLE ACID DIP TESTS 45.7 m -68° 91.4 m -68° 137.2 m -67° 182.9 m -64° 213.4 m -67°						

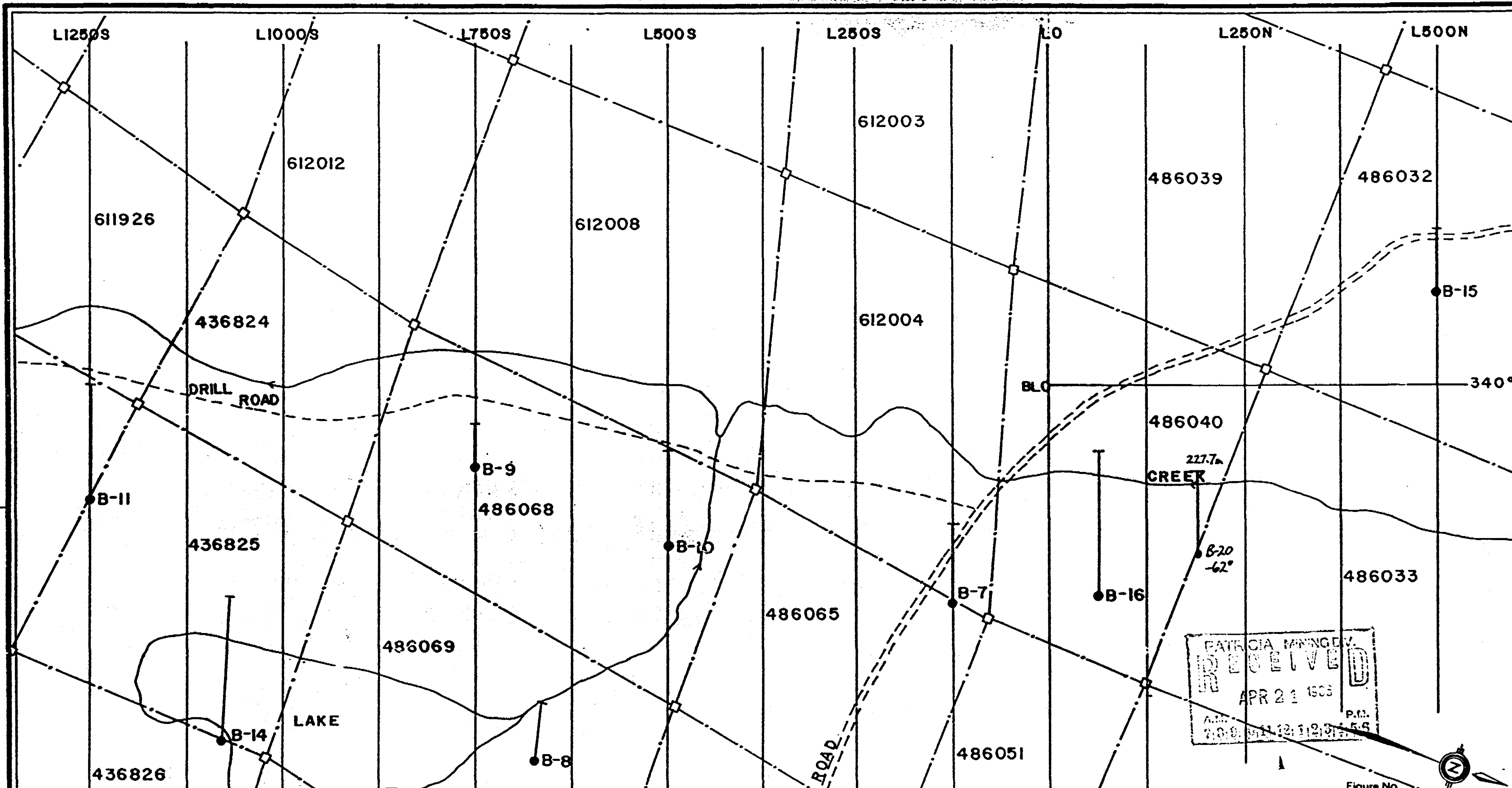


Figure No.

BECKINGTON PROJECT
"CREEK ZONE"
Drill Hole Locations
Location of 6-20 [illegible]

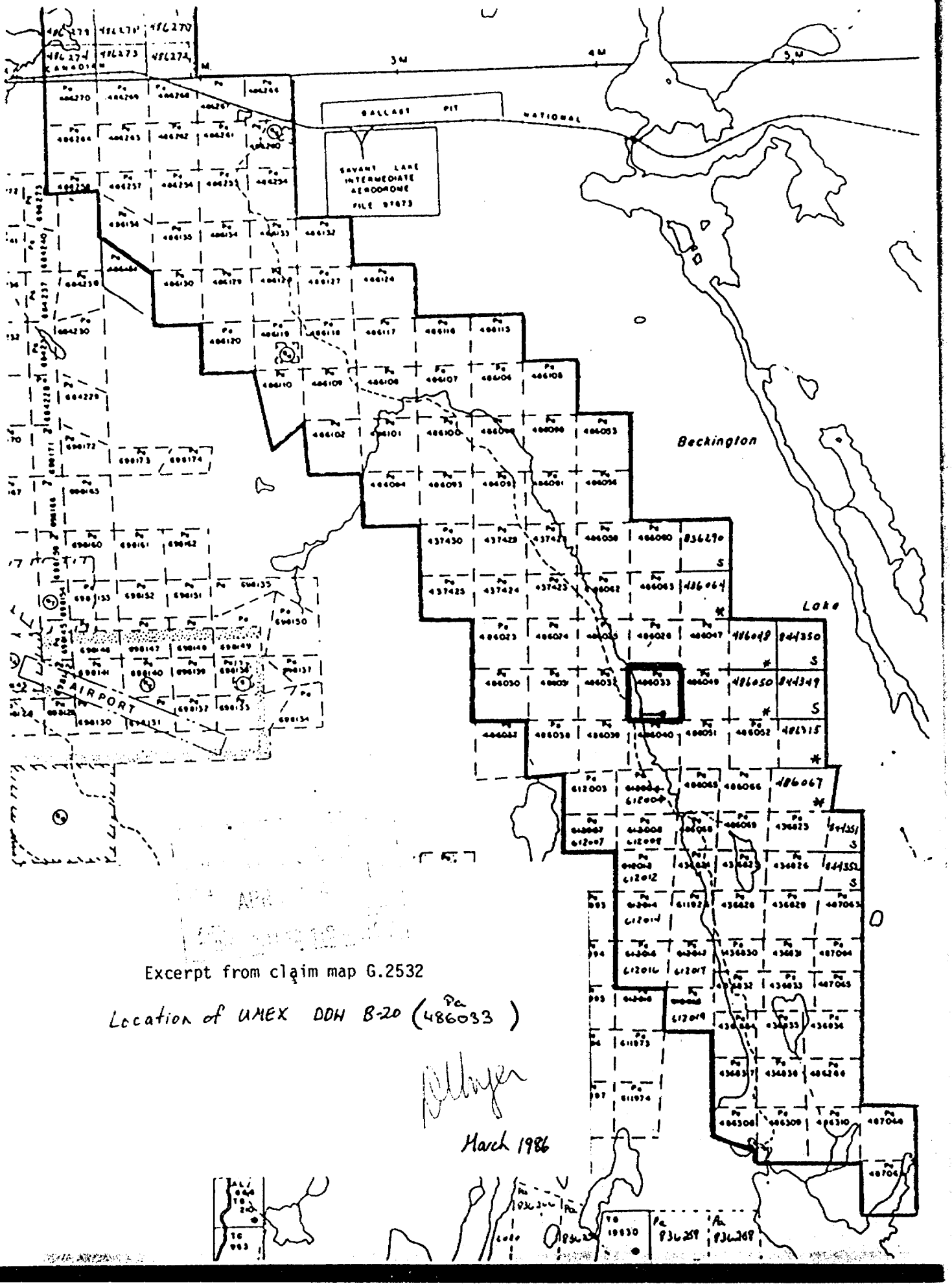
Scale: 1:5000 1 INCH

UMEX CORPORATION LTD.

Drawn by: D. UNGER
Date: 15 OCTOBER 1985
Surveyed by:

DWG. No.

NCI-351



Excerpt from claim map G.2532

Location of UMEX DDH B-20 (Pa 486033)

March 1986

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No.: B-21 | Local Coord. : L1000S; 150E | Started : 28 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 197.2 metres | Completed: 30 March 1986 | Described By: David Unger

CLAIM : Pa 436825 | Dip : -60° | Core Diameter: BQ | Machine : Boyles 35 A

Depth From	Depth To	% Core	Description & Lithology SUMMARY LOG	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
0	3.7		Casing									
3.7	9.7		Mafic volcanic									
9.7	18.1		Feldspar porphyritic intermediate to felsic intrusive									
18.1	51.7		Mafic volcanic									
51.7	66.7		Mafic Intrusive (gabbro)									
66.7	94.6		Mafic volcanic or intrusive									
94.6	97.5		Weakly silicified and sericitized tuffs									
97.5	105.2		Mafic tuff or metasediment									
105.2	109.0		Intensely silicified and sericitized tuffs									
109.0	115.5		Altered tuffs with occasional garnetiferous intervals									
115.5	156.6		Strongly silicified and sericitized tuffs - lapilli tuffs									
156.6	162.7		Altered tuffs and sericite schist									
162.7	179.7		Silicified, sericitized and chloritized tuffs									
179.7	189.0		Intensely sericitized tuffs - lapilli tuff									
189.0	194.7		Altered tuff with garnetiferous intervals									
194.7	197.2		Quartz porphyritic silicified and sericitized tuffs									
	197.2		END OF HOLE									

UMEX INC
DRILL RECORD

PROJECT : BECKINGTON | Hole No : B-21 | Local Coord. : L1000S; 150E | Started : 28 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 197.2 metres | Completed: 30 March 1986 | Described By: David Unger

CLAIM : Pa 436825 | Dip : -60° | Core Diameter: BQ | Machine : Boyles 35 A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au ppb	Cu ppm	Pb ppm	Zn ppm
0	3.7		Casing									
3.7	9.7	100	MAFIC VOLCANIC - medium grained, green, composed primarily of feldspar and amphibole altering to chlorite - some very weak banding observable in places, but generally the unit is massive - possibly an altered mafic tuff or flow - cut by numerous thin (< 1 cm) quartz-carbonate veins - weak pervasive carbonatization - minor disseminated sulphides	< 1% sulphides								
9.7	18.1	100	FELDSPAR PORPHYRITIC INTERMEDIATE TO FELSIC INTRUSIVE - grey, siliceous with 3-5% plagioclase phenocrysts - unit has a medium grained interior and very fine grained margins, suggesting an intrusive - a few minor quartz-carbonate veinlets - very sharp upper and lower contacts - negligible sulphides	minor sulphides	61° @ contact @ 9.7							

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
18.1	51.7	100	MAFIC VOLCANIC	1% py,po					
			· identical to 3.7 to 9 ' though with some coarse grained intervals						
			- strong chloritic alteration			89937	18.6- 20.1	1.5	
			- occasional patches of coarse grained amphibole						
			- sulphides occur as weak disseminations and as remobilizations into thin veinlets and seams						
			- massive to very weakly foliated						
			- occasional quartz carbonate veinlets						
			29.9- 30.5 - irregular quartz-carbonate veining, with xenoliths of mafic volcanic within the vein material			89938	29.6- 30.7	1.1	
			47.3- 50.3 - fine grained mafic flow with numerous quartz-carbonate veins			89939	47.5- 49.3	1.8	
						89940	49.3- 50.3	1.0	
			49.7 - 10 cm epidote vein						
51.7	66.7	100	MAFIC INTRUSIVE (GABBRO)	1-3% po	55° @ contact @ 51.7				
			- mineralogically and texturally similar to the above volcanic unit, except this unit is coarser grained						
			- coarse grained assemblage of plagioclase and amphibole altering to chlorite, also minor quartz						
			- minor quartz-carbonate stringers and veinlets						
			- massive to weakly foliated						
			- up to 3% disseminated py, po locally, with po predominating						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
51.7	66.7	100	Cont'd.						
			57.0 - carbonated fault gouge			89941 89942	58.0- 59.1 59.1- 60.8	1.1	
66.7	94.6	100	MAFIC VOLCANIC OR INTRUSIVE	1-3% po					
			- similar to 18.1 to 51.7, except for medium to coarse grained intervals which appear to be intrusive						
			- difficult to tell whether this material is volcanic or intrusive, since it shares features of both						
			- local concentrations of disseminated po up to 3%			89943	66.1- 67.6	1.5	
			- continued occasional quartz-carbonate veining						
			- occasionally banded and foliated						
			74.2 - 15 cm irregular white quartz vein			89944	73.8- 75.5	1.7	
			78.8- 79.2 - quartz-carbonate-epidote vein, with late carbonate brecciating the vein quartz			89945	78.3- 79.8	1.5	
			87.5- 89.0 - coarse grained, dendritic amphiboles						
			86.0- 86.2 - irregular quartz and late carbonate veining			89946	85.9- 86.9	1.0	
94.6	97.5	near 100	WEAKLY SILICIFIED AND SERICITIZED TUFFS	2-4% py,po					
			- grey, well banded and foliated						
			- weak to locally moderate silicification and sericitization						
			- weak chloritic banding						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
94.6	97.5	near 100	Cont'd. - numerous < 1 cm quartz-carbonate veinlets generally parallel to foliation - sulphides occur as fine disseminations and thin bands parallel to foliation			89947	94.6- 95.6	1.0	
			96.5 - 10 cm white quartz vein			89948	95.6- 97.0	1.4	
97.5	105.2	near 100	MAFIC TUFF OR METASEDIMENT - well banded rock consisting of alternating chlorite, feldspar, and biotite rich bands - considerable quartz ± carbonate veins aligned parallel to foliation - very small, light coloured tuffaceous fragments discernible in places	1-3% po,py	60° @ 98.0	89949	97.5- 99.0	1.5	
			- occasional siliceous bands			89950	99.0-100.5	1.5	
						89951	100.5-102.0	1.5	
			- sulphides, predominantly po, occur as fine disseminations and thin bands parallel to foliation			89952	102.0-103.6	1.6	
			103.6-105.2 - increasingly silicified toward the contact at 105.2						
105.2	109.0	near 100	INTENSELY SILICIFIED AND SERICITIZED TUFFS - light coloured intensely altered rock - original? banding clearly visible however, suggesting a tuffaceous origin	1-2% py	61° @ 106.8	89953	105.7-107.3	1.6	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
105.3	109.0	near 100	Cont'd. - occasional darker, chloritic intervals - 1 to 2% disseminated py 108.4 - 5 cm of 15% py			89954	107.3-109.0	1.7	
109.0	115.5	98	ALTERED TUFFS WITH OCCASIONAL GARNETIFEROUS INTERVALS - moderately to strongly silicified, sericitized and chloritized - local concentrations of chlorite-garnet material, occasionally pyrrhotite rich, generally <10 cm in width - sulphides confined mainly to the garnetiferous intervals - a few thin, vuggy, weathered intervals 109.8-110.3 - 20-30% garnet, 3-5% pyrrhotite, some magnetite? - strongly magnetic - carbonate veining 111.8-113.8 - minor red Fe oxidation	1% po,py	62° @ 112.1	89955 89956	109.0-110.3 111.4-112.8	1.3 1.4	
115.5	156.6	98	STRONGLY SILICIFIED AND SERICITIZED TUFFS-LAPILLI TUFFS - greyish-green in colour, with light coloured tuffaceous fragments - strong though locally variable degree of silicification, sericitization and chloritization	1-2% py,po to 123.2					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
115.5	156.6	98	Cont'd. - well banded, foliated and schistose, also talcose in places - fine grained intervals alternate with more coarsely fragmental (lapilli) intervals, with fragments generally siliceous in composition - also, silica rich and chlorite rich sections alternate - pyrite is the dominant sulphide, occurring as disseminations and thin stringers in sporadic local concentrations of up to 2%						
			118.0-119.0 - 5 to 10% py as thin stringers and disseminations and streaks aligned parallel to foliation	118.0-119.0 5-10% py		89957	118.0-119.0	1.0	
			122.6-122.8 - white quartz vein			89958	122.1-123.1	1.0	
			123.2-128.7 - lapilli tuff, with rounded to angular siliceous clasts, occasionally exhibiting relict banding or bedding; very minor sulphides	< 1% py,po after 123.2					
			126.8; 126.6; 126.4 - three 3 cm quartz veins						
			128.7-131.6 - increased chlorite content here, plus numerous very irregular white quartz veins		70° @ 128.6	89959 89960	128.9-130.1 130.1-131.5	1.2 1.4	
			- negligible sulphides						
			132.8-135.0 - very intensely silicified coarse fragmental, likely a lapilli tuff			89961	133.1-134.1	1.0	
			- negligible sulphides						

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
115.5	156.6	98	Cont'd. 137.7-139.7 - intensely silicified 141.9 - 6 cm white quartz vein 144.7-146.9 - intensely silicified coarse fragmental with light coloured fragments, as from 132.8-135.0 143.5-144.7 - chloritic and sericitic 153.2-156.5 - considerable coarse fragmental material - possibly a lapilli tuff or autobreccia - fine banding is present in some of the fragments 154.8; 155.1 - two 1 cm bands of 20-30% py 155.1 - 15 cm of dark, intermediate to mafic material		65° @ 156.5	89962 89963 89964	141.3-142.3 142.7-143.7 154.5-155.5	1.0 1.0 1.0	
156.6	162.7	95	ALTERED TUFFS AND SERICITE SCHIST - strong silicification, sericitization and chloritization, as above - locally intense sericitization has created very schistose and broken intervals - several quartz veins, generally < 2 cm wide, parallel to foliation - occasional carbonate veining	1-3% py					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
156.6	162.7	95	Cont'd. - difficult to make out primary textures - py occurs as disseminations, stringers and in association with quartz-carbonate veins 161.2-162.2 - considerable quartz-carbonate veining with strong local chloritization - vuggy carbonate veining with up to 3% py 161.7 - staurolite? associated with an irregular chloritic band			89965 89966	160.6-162.3 162.3-163.8	1.7 1.5	
162.7	179.7	near 100	SILICIFIED, SERICITIZED AND CHLORITIZED TUFFS - similar to 115.5 to 156.6, except for generally finer fragment size here as well as a slight but pervasive increase in chlorite - this rock is most likely an altered intermediate tuff - vague banding present throughout, though silicification has obscured most primary features - tuff and occasionally lapilli sized clasts are visible in places - rare garnet and occasional very small blue quartz "eyes" - py is by far the dominant sulphide, occurring as disseminations, veinlets and stringers 165.2-166.1 - garnet chlorite unit with 25% garnet, minor po	1% py		89967	165.2-166.1	0.9	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
162.7	179.7	near 100	Cont'd.						
			168.9-170.1 - 1-2% py as stringers and veinlets	168.9-170.1 1-2% py		89968	168.9-170.1	1.2	
			171.6-176.8 - 2-3% py as <1 cm bands; also in stringers and disseminations and irregular blebs	171.6-176.8 2-3% py		89969	171.6-173.1	1.5	
						89970	173.1-174.9	1.8	
						89971	174.9-176.8	1.9	
179.7	189.0	near 100	INTENSELY SERICITIZED TUFFS-LAPILLI TUFFS	1-2% py					
			- as from 162.7 to 179.7 but with increased sericitization and fragment size						
			- considerable yellow-brown and some apple-green sericite/talc		73° @ 182.7				
			- siliceous clasts, often highly elongated parallel to foliation, reach lapilli in size						
			- occasional blue quartz "eyes", probably secondary						
			- well banded						
			- py occurs in stringers, disseminations, and thin bands						
			179.9 - 4 cm quartz vein			89972	179.6-181.5	1.9	
			179.9-180.2 - shear zone with fault gouge and broken core		70° @ 187.3	89973	184.2-185.8	1.6	
			186.2-189.0 - increasing abundance of dark green, chloritic bands						
			184.2-184.5 - 15% banded py in two <1 cm bands			89974	185.8-187.6	1.8	
			185.6 - 4 cm quartz vein			89975	187.6-189.0	1.4	

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
189.0	194.7	100	ALTERED TUFF WITH GARNETIFEROUS INTERVALS - chloritic, sericitic, well banded tuffs with numerous chloritic-garnetiferous intervals up to several cm in width - chlorite-garnet horizons contain up to 5% disseminated po and represent silicate iron formations - continued strong sericitization and local silicification 193.4-194.1 - siliceous interval with 3-5% stringer py, po 194.3 - 1.5 cm of semi-massive po, py	5% po locally		89976 89977 89978 89979	189.0-190.4 190.4-191.9 191.9-193.4 193.4-194.7	1.4 1.5 1.5 1.3	
194.7	197.2	100	QUARTZ PORPHYRITIC SILICIFIED AND SERICITIZED TUFFS - mottled grey-green colour - siliceous fragments in a sericitic, chloritic groundmass - 1 to 2% transluscent to blue secondary quartz "eyes" - no visible sulphides	Nil					
	197.2		END OF HOLE ACID DIP TESTS: 45.7 m -66° 91.4 m -65° 137.2 m -61° 197.2 m -59°						

UMEX INC
DRILL RECORD

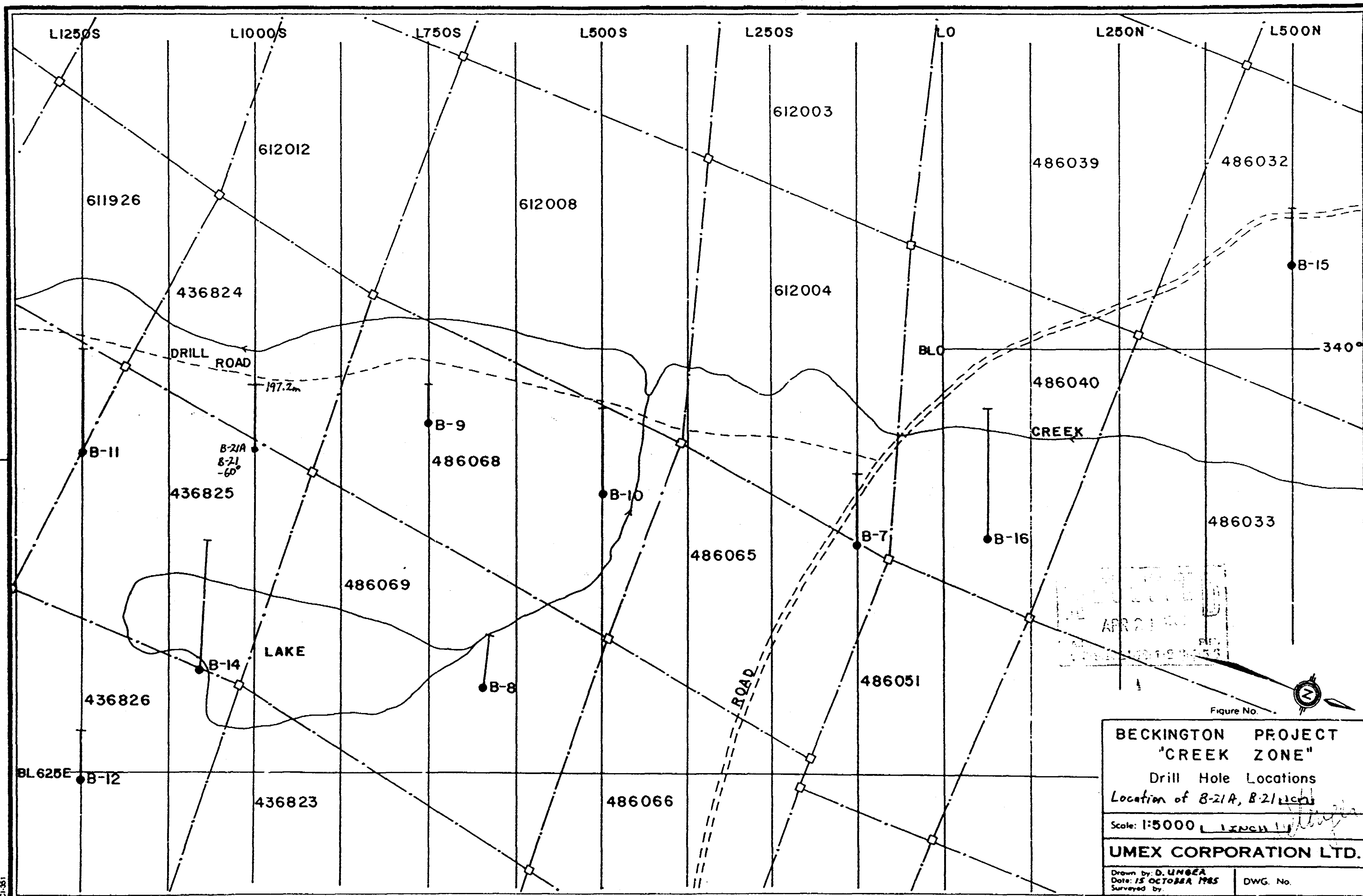
PROJECT : BECKINGTON | Hole No.: B-21A | Local Coord. : L1000S; 150E | Started : 25 March 1986 | Drilled By : Morissette

ANOMALY: Creek Zone | Bearing : 250° | Depth : 25.0 metres | Completed: 27 March 1986 | Described By: David Unger

CLAIM : Pa 436825 | Dip : -60° | Core Diameter: BQ | Machine : Boyles 35A

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
0	3.7		Casing						
3.7	9.7	98	MAFIC VOLCANIC - medium to coarse grained assemblage of feldspar and amphibole altering to chlorite - numerous quartz-carbonate stringers - some metamorphic biotite - minor py, po associated mainly with quartz-carbonate veining	<1% py,po					
9.7	18.1	100	FELDSPAR PORPHYRITIC INTERMEDIATE TO FELSIC INTRUSIVE - fine grained chill margins extend for about a metre into the unit from both the upper and lower contact - fine to medium grained assemblage of quartz, feldspar, amphibole and some biotite, probably metamorphic - plagioclase phenocrysts comprise about 5% of the unit and are best developed near the contacts of the unit - negligible sulphides	minor sulphides					

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results
18.1	25.0	100	MAFIC VOLCANIC OR INTRUSIVE - as from 3.7 to 9.7, except for coarser grained intervals that may be intrusive - frequent carbonate veining - negligible sulphides	minor sulphides					
	25.0		HOLE ABANDONED DUE TO SAND SEAM						



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L1000S
L750S
L500S
L250S
L0
L250N
L500N
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612012
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612008
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486032
436824
612004
B-15
DRILL
ROAD
197.2m
BL0
340°
486040
B-9
CREEK
B-11
B-21A
B-21
-60°
486068
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B-10
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B-16
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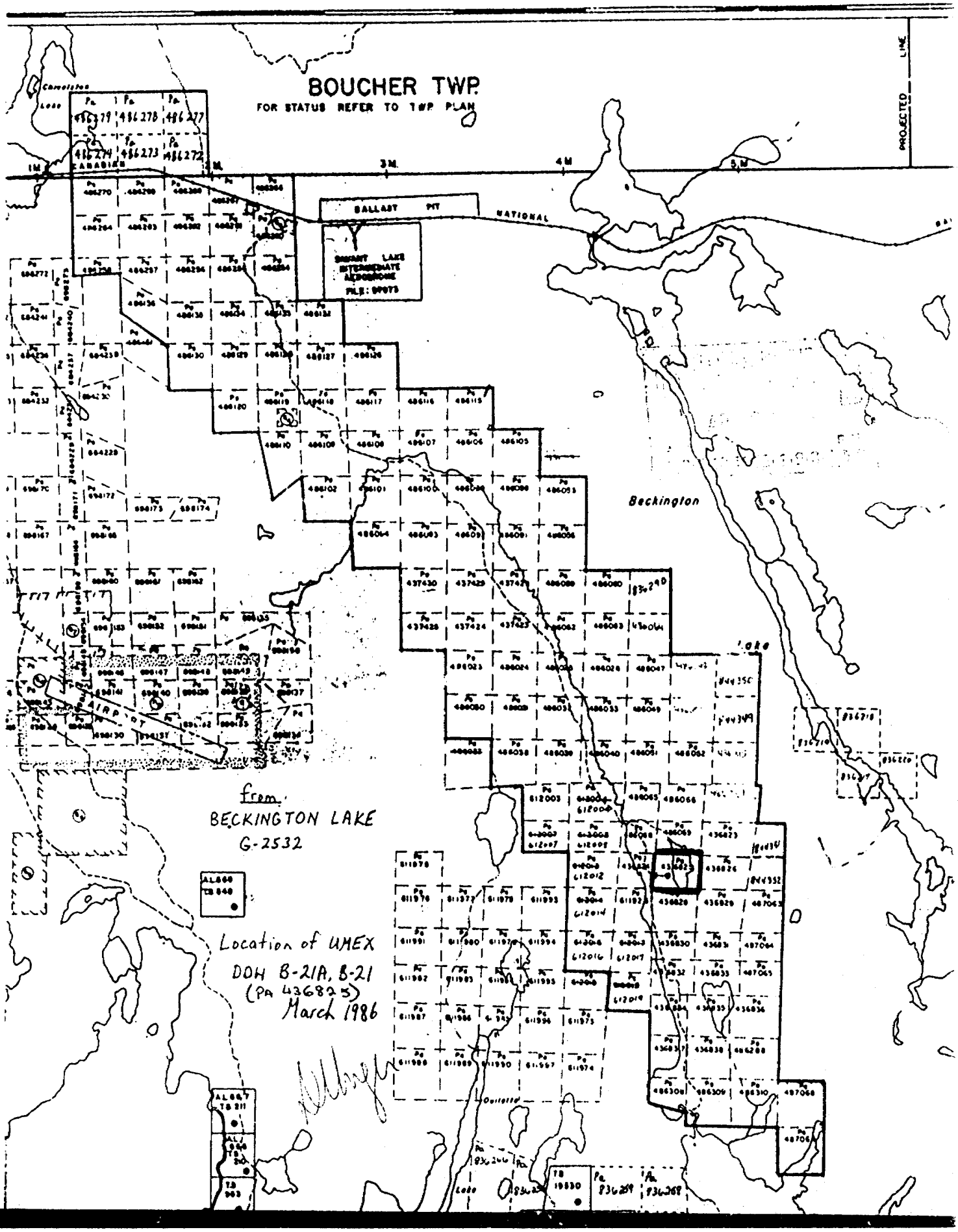
486069
LAKE
B-14
B-8
ROAD
486051
436826
N
Figure No.
BL 625E
B-12
436823
486066
BECKINGTON PROJECT
"CREEK ZONE"
Drill Hole Locations
Location of B-21A, B-21
Scale: 1:5000
UMEX CORPORATION LTD.
Drawn by: D. UNGER
Date: 15 OCTOBER 1985
Surveyed by
DWG. No.

Evans Lake Area - G-2031



52J02NE0033 52J02NE0017 BECKINGTON LAKE

900

Beckington Lake G2532

Ministry of Northern Affairs and Mines

Ontario

Report of Work #86-39

Mining Act

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Name and Postal Address of Recorded Holder	Prospector's Licence No.
UMEX Inc	T-133
1935 Leslie Street, Don Mills, Ontario M3B 2M3	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 1,315

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking, Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☑ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
Pa	612014	40	Pa	486107	60	Pa	486255	48
	612016	40		486108	60		486263	40
	612019	40		486117	60		486269	41
	437428	60		486118	60		486270	60
	486091	60		486127	60		486272	41
	486092	43		486128	60		486273	60
	486099	60		486133	60		486274	41
	486100	60		486134	60		486278	60
							486279	41

All the work was performed on Mining Claim(s): Pa 486269, 436826, 486032 and 486040, 436825

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

Remaining from Submissions #85-172 and 85-216 1,319.3
Used this submission 1,315.
Remaining 4.3

Recorded

PATRICIA MINING DIV. RECEIVED FEB 10 1986 A.M. P.M. 2 3 9 10 11 12 1 2 3 4 5 6

APR 21 1986

Pa. 437423

Date of Report	Recorded Holder or Agent (Signature)
February 5, 1986	David Unger

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: David Unger, c/o UMEX Inc, 1935 Leslie Street, Don Mills, Ontario M3B 2M3

Date Certified	Certified by (Signature)
February 5, 1986	David Unger

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	Nil	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.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core	Signed core log showing: footage, diameter of		Work Sketch (as

Beckington Lake G2532 52S/02NE (83)

Ministry of Northern Affairs and Mines
Ontario

Report of Work

#86-63

Assess. Lib.

Mining Act

Instructions – Supply required data on a seperate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Name and Postal Address of Recorded Holder	Prospector's Licence No.
UMEX Inc	T-133
1935 Leslie Street, Don Mills, Ontario M3B 2M3	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
3595		See Attached Appendix							

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

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All the work was performed on Mining Claim(s): Pa 486040, 486033, 486062, 486033, 436825, 436825

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

DDH B-17 - Depth 215.5 m - Bearing 250°, Dip -64° - Core Size BQ, drilled by Morissette Drilling, March 1 to March 7, 1986 — 707'

B-18 - Depth 233.8 m - Bearing 250°, Dip -60° - Core Size BQ, drilled by Morissette Drilling, March 9 to March 12, 1986 — 767'

B-19 - Depth 215.5 m - Bearing 225°, Dip -60° - Core Size BQ, drilled by Morissette Drilling, March 14 to March 17, 1986 — 707'

B-20 - Depth 227.7 m - Bearing 245°, Dip -62° - Core Size BQ drilled by Morissette Drilling, March 20 to March 23, 1986 — 747'

B-21 - Depth 197.2 m - Bearing 250°, Dip -60° - Core Size BQ drilled by Morissette Drilling, March 28 to March 30, 1986 — 6 holes — 646'

B-21A- Depth 25 m - Bearing 250°, Dip -60° - Core Size BQ drilled by Morissette Drilling, March 25 to March 27, 1986 — 3595'

~~82~~ 20
4' DMT
~~3660~~ 3579

Remaining from #86-39 — 3599
Total — ~~3,660~~ days — Pa. 436823
Used this submission — 3,085
Remaining for future submission — 514 ~~575~~ days

Date of Report	Recorded Holder or Agent (Signature)
April 18, 1986	David Unger

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	Date Certified	Certified by (Signature)
David Unger, c/o UMEX Inc, 1935 Leslie Street, Don Mills, Ontario M3B 2M3	April 18, 1986	David Unger

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	Nil	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.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

768 (85/9)

APPENDIX

Pa 436832	53 days	Pa 486119	60 days
436834	60 "	120	60 "
835	55 "	486126	60 "
836	60 "	486129	60 "
837	60 "	130	60 "
838	60 "	485132	60 "
437423	53 "	486135	60 "
424	60 "	136	60 "
437429	60 "	486254	60 "
430	60 "	486257	60 "
486023	60 "	486261	60 "
024	40 "	486267	60 "
486031	60 "	486277	60 "
032	53 "	486288	60 "
486038	60 "	486309	50 "
039	53 "	310	48 "
486056	60 "	611926	80 "
486060	60 "	612003	40 "
486093	60 "	004	40 "
094	60 "	612008	40 "
486098	60 "	612012	40 "
486101	60 "	612014	40 "
102	60 "	612017	40 "
486105	60 "	612019	40 "
106	60 "	836290	20 "
486109	60 "	844349	20 "
110	60 "	350	20 "
486115	60 "	351	20 "
116	60 "	352	20 "

Total: 3,085 days