



010

Diamond Drilling

Area Beckington Lake Report NO 30

Work performed by: Umex Inc.

Claim NO	Hole NO	Footage	Date	Note
PA 486261	BE 1	401	Oct/80	(1)
PA 486031	B-6A	145	Nov/82	(1)
PA 486031	B-6B	507	Dec/82	(1)
PA 486065	B-7	500	Oct/82	(1)
PA 486069	B-8	400	Nov/82	(1)
PA 436824	B-9	780	Jan/83	(1)
<hr/>		<hr/>		
TOTAL	GDH	2733 FT		

Notes: (1) #40-83

UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

AREA BECK Hole No. Be # 1 Depth: 401' ✓ Drilled By: Dominik
 ANOMALY: B2 Bearing and Dip: 250°/-50° Started: Oct. 19/80 Machine: Inspiration Described By:
 CLAIM: *fr. 436261* ✓ Local Coord. X= Y= Z= Completed: Oct. 23/80 Diam Drill: AQ P. Burchell
 L1250N: 562.5E

Depth		%	Description & Lithology	Mineralization	Dip to C.A.	No. of Sample
From	To	Core				
0	23.5		Casing			
23.5	45.0	95% recovery	Lapilli Tuff (intermediate to mafic) <ul style="list-style-type: none"> - dark gray in colour - approximately andesitic in composition - fine to medium grained - about 90% crystals, 10% glass <ul style="list-style-type: none"> - crystals average 8 to 10 mm in size - mostly amphiboles randomly arranged - glassy matrix composed of combination of quartz and calcite - trace py and cp as small blebs - weakly foliated at 45° to C.A. 	trace py, cp	45°	
45.0	51.5	100% recovery	Amphibole schist <ul style="list-style-type: none"> - dark gray in colour - fine grained - strongly foliated at 45° to C.A. - thin quartz banding parallel to foliation - weakly magnetic - stringers of py and po - about 10% sulphides - unknown peacock blue mineral along fracture cleavage 	py, po (10%)	45°	
51.5	67.0		Lapilli Tuff <ul style="list-style-type: none"> - as previously described (from 23.5' to 45.0') - locally biotite rich 	trace py, cp		

Be # 1

Depth		% of Core	Description & Lithology	Mineralization	Dip to C.A.	No. of Sample
From	To					
67.0	102.0	100%	<p>Intermediate to Mafic Tuff</p> <ul style="list-style-type: none"> - very fine grained - almost a glass - medium gray in colour - locally biotite rich along fracture cleavages - dacitic to andesitic in composition - increasingly quartz rich down the hole - weakly foliated at 60° to C.A. at 90' - slightly coarser grained at the end of the section - barren of visible sulphides <p>- contact at 102' is distinct</p> <ul style="list-style-type: none"> - intermediate tuff (above contact) is brecciated - matrix composed of small calcite stringers 	barren	60°	
102.0	104.0	100%	<p>Mafic Tuff</p> <ul style="list-style-type: none"> - very fine grained - dark gray to black in colour - locally biotite rich - basaltic in composition - weak foliation at 60° to C.A. - barren of visible sulphides 	barren	60°	
104.0	119.5	100%	<p>Intermediate to Mafic Tuff</p> <ul style="list-style-type: none"> - as previously described (67.0' to 102.0') - locally epidote rich along fracture cleavages 	barren		
119.5	206.5	95%	<p>Mafic Tuff</p> <ul style="list-style-type: none"> - as previously described (from 102.0' to 104.0') - gradational contact with above unit <p>124.0 to 130.0 - strongly foliated at 45° to C.A.</p> <ul style="list-style-type: none"> - locally amphibole rich - thin biotite bands parallel to foliation <p>130.0 to 131.0 - mottled appearance due to quartz enrichment</p> <p>131.0 to 134.0 - as previously described 124' to 130'</p>			

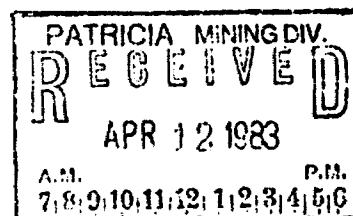
Be # 1

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
119.5	206.5		(Cont'd.)			
			134.0 to 138.5 - mottled appearance - locally epidote rich - slightly vuggy - subhedral quartz crystals in open vugs - fracture fill py, po and cp - about 10% sulphides - weakly magnetic - 1" massive py, po at 137'	py, po, cp (10% sulphides)		
			138.5 to 140.0 - mottled appearance from sphalerite (?) or garnet clusters - about 10 to 15% - locally biotite and epidote rich - about 1% to 2% sulphides - py and po	py, po sph (?)		
			140.0 to 142.5 - as previously described 134 to 138.5' - about 2% sulphides	py, po, cp (2% sulphides)		
			142.5 to 143.5 - as previously described 138.5 to 140'	py, po, sph (?)		
			143.5 to 144.5 - as previously described 131 to 134' - minor py, po, cp	py, po, cp		
			144.5 to 146.5 - as previously described 138.5 to 140'	py, po, sph(?)		
			146.5 to 148.0 - as previously described 131 to 134'	py, po		
			148.0 to 150.0 - as previously described 138.5 to 140'	py, po, sph(?)		
			150.0 to 154.0 - as previously described 131 to 134' - 1" massive py zone at 152'	py, po		
			154.0 to 159.0 - as previously described 138.5 to 140'	py, po, sph(?)		
			159.0 to 162.0 - as previously described 131 to 134'	py, po		
			162.0 to 165.0 - as previously described 138.5 to 140'	py, po, sph(?)		

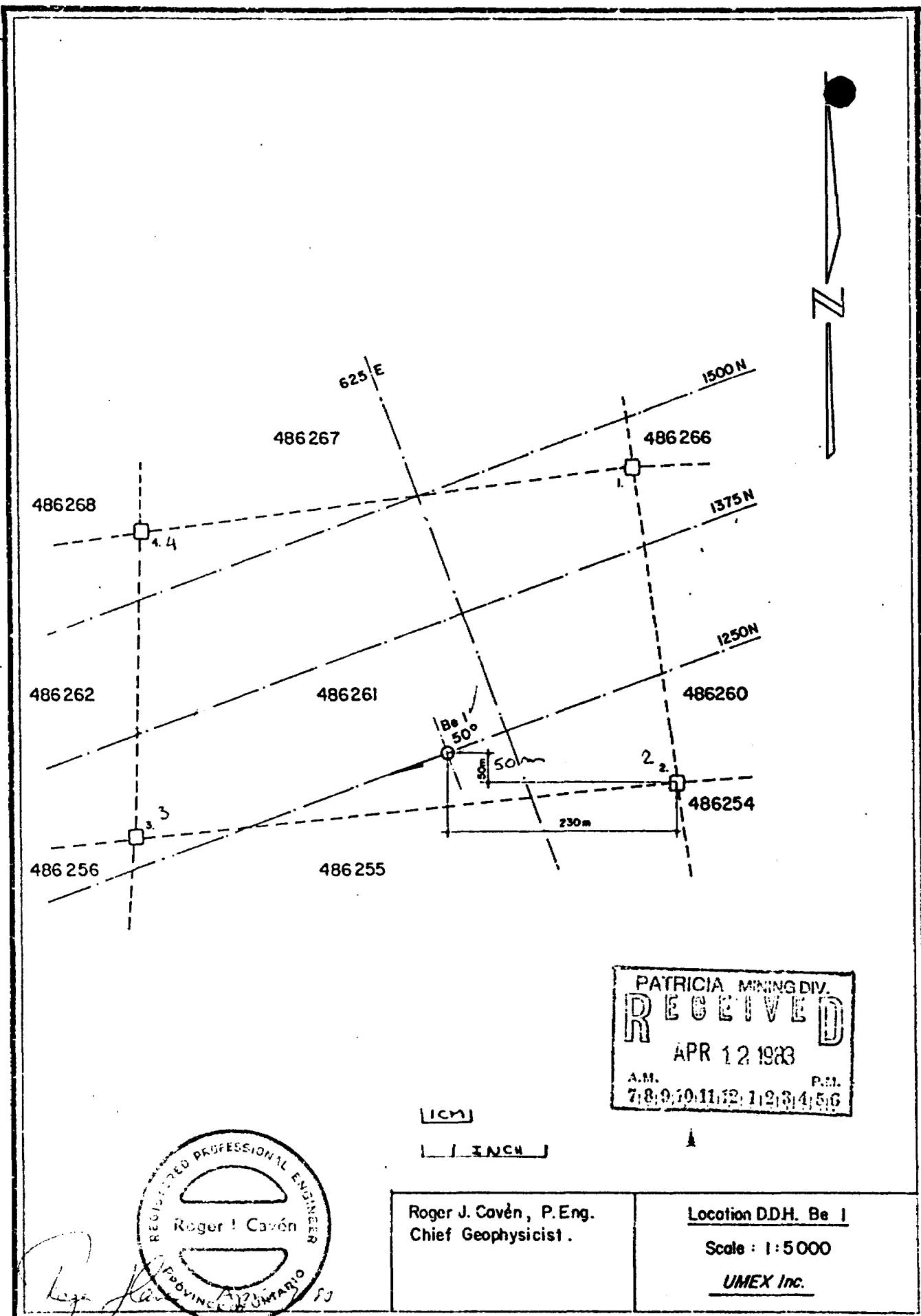
Depth		% of Core	Description & Lithology	Mineralization	Dip to C.A.	No of Samp
From	To					
119.5	206.5		(cont'd.)			
			165.0 to 180.0 - as previously described 131 to 134' - several 1" massive py, po zones - weakly magnetic - common thin veins of py, po - about 5% sulphides	py, po		
			180.0 to 182.5 - as previously described 138.5 to 140' - 1" massive py zone at 182' - very vuggy	py, po, sph(?)		
			182.5 to 185.5 - as previously described 131 to 134' - disseminated and fracture fill py, po - about 5% sulphides	py, po		
			185.5 to 196.0 - as previously described 138.5 to 140' - semi massive sulphides throughout - about 10% sulphides	py, po, sph(?)		
			196.0 to 198.5 - as previously described 131 to 134' - minor cp at 197.75'	py, po, cp		
			198.5 to 201.0 - as previously described 138.5 to 140'	py, po, sph(?)		
			201.0 to 205.0 - as previously described 131 to 134'	py, po		
			205.0 to 206.5 - as previously described 138.5 to 140'	py, po, sph(?)		
206.5	214.0	90%	Intermediate to Mafic Tuff - fine grained, gray in colour - muscovite and quartz rich - approximately dacitic to andesitic - foliation at 45° to C.A. - less than 1% po and py	py, po (< 1%)	45°	

Be # 1

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
214.0	281.0		Mafic Tuff - as previously described 131 to 134' - some small mottled zones (as previously described 138.5-140') - quartz rich locally - fracture fill py and po - about 3% sulphides - locally calcite rich (up to 1" veins) - some small brecciated zones - around 280', becoming more quartz rich - composition intermediate to mafic - gradational change	py, po (3% sulphides)		
281.0	326.5		Intermediate to Mafic Tuff - as previously described 206.5 to 214.0' - small zones of mottled garnetiferous mafic tuff - thinly banded py and po - about 5% sulphides	py, po		
326.5	401.0		Intermediate Tuff - dacitic in composition - fine grained - gray in colour - small lapilli tuff zones - quartz rich zones - thinly banded biotite and po, py - about 2% sulphides - common calcite enrichment	py, po		
	401.0		END OF HOLE <u>Acid Tests</u> -45° @ 200' -43° @ 400'			

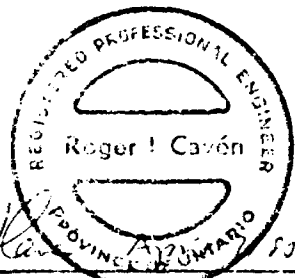


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[1 CM]
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Roger J. Cavén

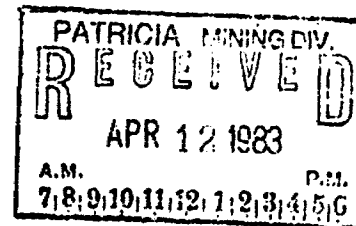
Roger J. Cavén, P. Eng.
 Chief Geophysicist.

Location DDH. Be 1
 Scale : 1 : 5000
 UMEX Inc.

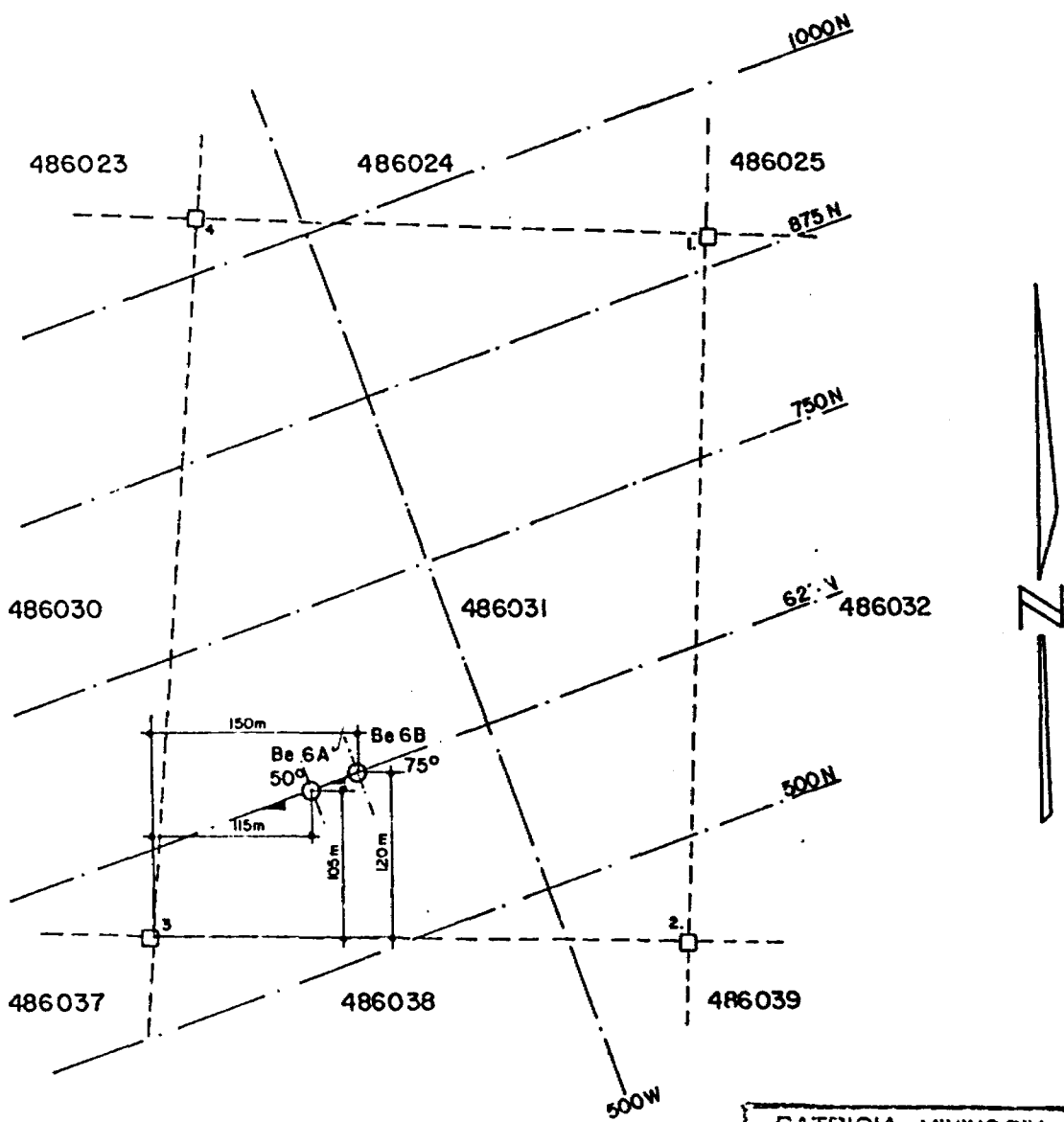
UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

AREA BECK Hole No. B-6A ✓ Depth: 145' (44.2 m) Drilled By: Armstrong Described By:
 ANOMALY: Beck 1 West Bearing and Dip: 250°/-50° Started: Nov. 22/82 Machine:
 CLAIM: Pa 486031 (B-1) Local Coord. X= 625NY= 600W Z= 427 m Completed: Dec. 5/82 Diam Drill: AQ J.-J. Lefebvre

Depth		% Core	Description & Lithology	Mineralization	Dip	No. of Sample.
From	To					
0	145.0		Overburden Drill hole stopped in overburden because of broken drill rods. <i>Roger Klein</i>			



*N. 900m
N. 600m*



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REGISTERED PROFESSIONAL ENGINEER
 Roger J. Caven
Roger J. Caven
 4/12/83
 ONTARIO

Roger J. Caven, P.Eng.
 Chief Geophysicist.

Location D.D.H. Be 6A & 6B
 Scale: 1:5000
 UMEX Inc.

UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

AREA BECK

Hole No.

B-6B

Depth: 507' (154.5m) Drilled By: Armstrong

Described By:

ANOMALY: Beck 1 West Bearing and Dip: 250°/-75°

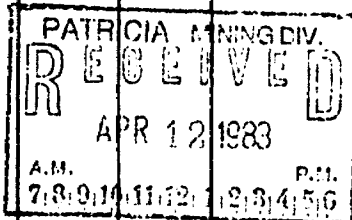
Started: Dec. 12/82 Machine:

CLAIM: Pa 486031 (B-1) Local Coord. X= 638.5W Y= 625N Z= 428 m

Completed: Jan. 10/83 Diam Drill: AQ

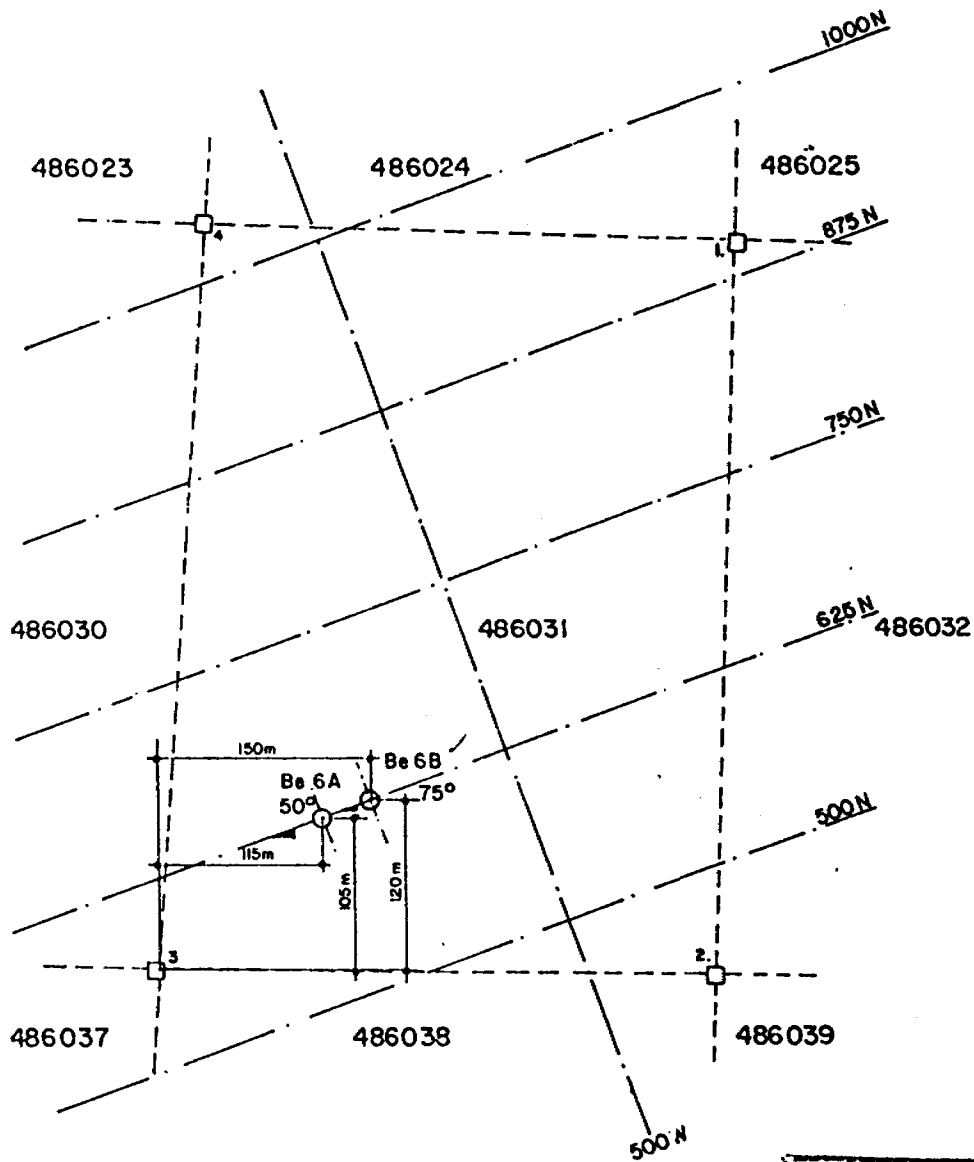
J.-J. Lefebvre

Depth (ft.)		%	Description & Lithology	Mineralization	Dip to C.A.	No. of Sample
From	To	Core				
0.0	172.0		Casing (Overburden: gravel and boulders)			
172.0	175.0		Mafic tuff - fractured, massive, dark grey green and medium grained chlorite (actinolite) rich rock			
175.0	293.0		Quartz porphyry rhyodacite tuff -175.0-195.0 - strongly foliated, whitish - very fine grained, slightly sericitized and propylitized. - rare thin quartz lenses and veins containing very rare specks of sulfide (Py - Cp ?) - rare dissemination of blue quartz - numerous fractures and microfaults. Poor recovery between 180 and 196' -195.0-207.0 - fine grained, poorly foliated to massive greenish white rhyodacitic tuff with white phenocrysts of quartz - very weak sericitization - propylitization vanishes at 205.0 -207.0-293.0 - fine grained, massive felsic tuff, light grey in color with a faint lilac tint - clearly a crystal tuff between 207.0 and 237.0' - loc. carbonate and sericite-rich stringers - very rare and extremely fine grains of pyrite - numerous thin quartz veins containing a very weak pyritic mineralization - from 263, veins with quartz, carbonate and possible epidote and rare specks of pyrite - from 255, weak pervasive propylitization associated with a rather marked sericitization		176.0 40°	
					223.0 51°	
					289.0 52°	



Depth (ft.)		% of Core	Description & Lithology	Mineralization	Dip to C.A.	No. of Sam.
From	To					
293.0	299.0		Sericitized andesitic zone			
299.0	346.5		Dacitic tuff or tuffaceous material - well sericitized, strongly foliated fine dacitic tuff containing small blue quartz phenocrysts - quartz vein between 319 and 321.0'		318.0 57°	
346.5	380.0		Dacitic tuff, weakly foliated, containing minor garnet and local staurolite crystallizations (plus tourmaline, pyrite and pyrrhotite) 349.0-355.0'			
380.0	411.0		Amphibole porphyry mafic intrusive - massive, actinolite-chlorite-plagioclase rock with minor magnetite and very rare garnets. - some calcite-quartz veins contain rare tiny grains of pyrite and chalcopyrite - the rock may be composed of minor cummingtonite	trace py-cp		
411.0	449.0		Crystal dacitic tuff - rare garnet dissemination - local accumulations of staurolite		440.0 53°	
449.0	493.0		Fine dacitic tuff - grey in colour, fine grained and poorly foliated - containing rare small garnets - well foliated garnet, amphibole-rich andesitic lapilli tuff between 473 and 481' (abundant pyrrhotite) - abundant patches of pyrrhotite mineralizations	abundant po (loc. up to 15%)		
493.0	502.5		Weakly foliated actinolite-chlorite rock - numerous quartz-carbonate veins, some associated with minor chalcopyrite and pyrrhotite mineralizations	trace py-cp		
502.5	507.0		Well foliated, light grey, rhyodacitic lapilli tuff.			
	507.0		END OF HOLE			

Roger Lane



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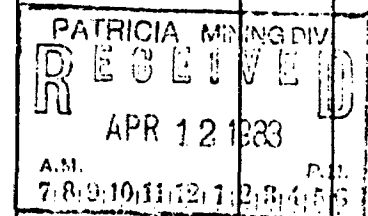
Roger J. Cavén, P.Eng.
 Chief Geophysicist.

Location D.D.H. Be 6A & 6B
 Scale: 1:5000
 UMEX Inc.

UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

AREA Beck Hole No. B-7 ✓ Depth: 500' (152.4 m) Drilled By: Armstrong Described By:
 ANOMALY: Beck 1 Bearing and Dip: 250°/-50° Started: Oct. 20/82 Machine:
 CLAIM: Pa 486065 ✓ creek north Local Coord. X= 284E Y= 125S Z= 421 m Completed: Oct. 29/82 Diam Drill: AQ J.-J. Lefebvre

Depth		%	Description & Lithology	Mineralization	Dip	No. of Sample.
From	To	Core				
0.0	34.0		Casing			
34.0	38.0		Altered felsic lapilli tuff - silicified and sericitized, well foliated tuff locally containing some chlorite - abundant tourmaline and minor andalusite - very rare pyrite dissemination.			
38.0	44.0		Altered fine mafic tuff - moderately foliated, dark green, chlorite-actinolite-garnet rock - garnets are rather abundant - finely disseminated magnetite, rare tiny crystals of pyrite - thin quartz veins are frequent			
44.0	80.0		Altered felsic (?) lapilli-tuff - andalusite, silica, sericite rich rock with abundant tourmaline - locally well marked foliation - fine pyrite-pyrrhotite dissemination			
80.0	87.5	80-87% 50% recovery	Fracture zone - greenish white clay-rich fragments chlorite-sericite schist - fragments of garnet-rich amphibolite			
87.5	88.5		Andesitic tuff - dark, massive, fine grained amphibole, biotite rock with abundant fine garnets - very abundant extremely fine disseminations of pyrrhotite			
88.5	107.0		Felsic volcanic breccia - heterolithic breccia predominantly composed of felsic fragments			



Po loc. up to
10%

B-7

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
88.5	107.0		(Cont'd) - fragments variable in size (half a cm up to 10 cm) - well oriented rock with flattened fragments (some small fragments are rounded) - rock mainly unaltered (weak sericite in the matrix?) - at 96' small vein in quartzitic lens with minor chalcopyrite			
107.0	157.0		Felsic Tuff - pinkish cream, slightly oriented, felsic tuff; locally lapilli-tuff - from 118.0 these tuffs are progressively affected by sericitization accompanied by abundant tourmaline - at 107.0' and 113.0', 5" band of mafic material (amph. chlorite, rare garnet) + abundance of disseminated pyrite and pyrrhotite (tr. of chalcopyrite) - sericitization increases to a maximum at 140' up to 3-4% tourmaline - typical lapilli-tuff from 140'	Py, Po (Cp)		
157.0	176.0		Sericitized Andesitic tuff - well foliated light grey rock - abundant partly silicified mafic lenses containing amphibole, chlorite, some garnets, magnetite and pyrrhotite - between the mafic lenses most of the mafic minerals have been altered to give sericite, chlorite, chloritoid and tourmaline assemblages.			
176.0	199.0		Chlorite-sericite schist - well foliated greenish rock rich in sericite, chlorite and quartz - rare very small stringers of pyrrhotite and chalcopyrite - locally, nice concentration of tourmaline - Andalusite is locally present	tr. Po Cp		
199.0	211.0		Mafic (basaltic) tuff? - massive, very fine grains, dark green rock - amphibole, chlorite and biotite are major components - rare veins and streaks of quartz and carbonate.			

B-7

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sampl
From	To					
211.0	217.5		Sericitized andesitic tuff - well foliated, silicified mafic tuff - rich in sericite and chlorite, rare garnets - minor pyrite in the more mafic bands, tourmaline			
217.5	225.0		Sericite schist - schistosed sericite quartz (chlorite) rock - quartz vein between 222-297			
225.0	261.5		Altered mafic to intermediate volc. rock - poorly foliated amph. chlorite garnet rock - very abundant quartz phenocrysts, local patchy silicification - rare and diffuse crystallizations of fine pyrrhotite - local tuff or lapilli tuff texture - between 253' and 255' bleaching and quartz-muscovite veins	less 1% Po		
261.5	262.0		Zone with siliceous nodules and very thin graphitic layers		262' 22° to	CA
262.0	279.0		Biotite rich mafic rock - fine, rather massive, dark green - frequent thin quartz and carbonate veins - extremely fine pyrrhotite-chalcopyrite dissemination	tr. Po Cp		
279.0	283.0		Progressive change to			
283.0	304.0		Grey, felsic tuff - possibly epiclastic (?) - weakly sericitized - small fragments (1-3 cm) - between 293 and 300' lapilli tuff to breccia - more intense sericitization + andalusite between 283 and 285 - locally the rock contains rather abundant chlorite and traces of chalcopyrite		302' 21° to	CA

B-7

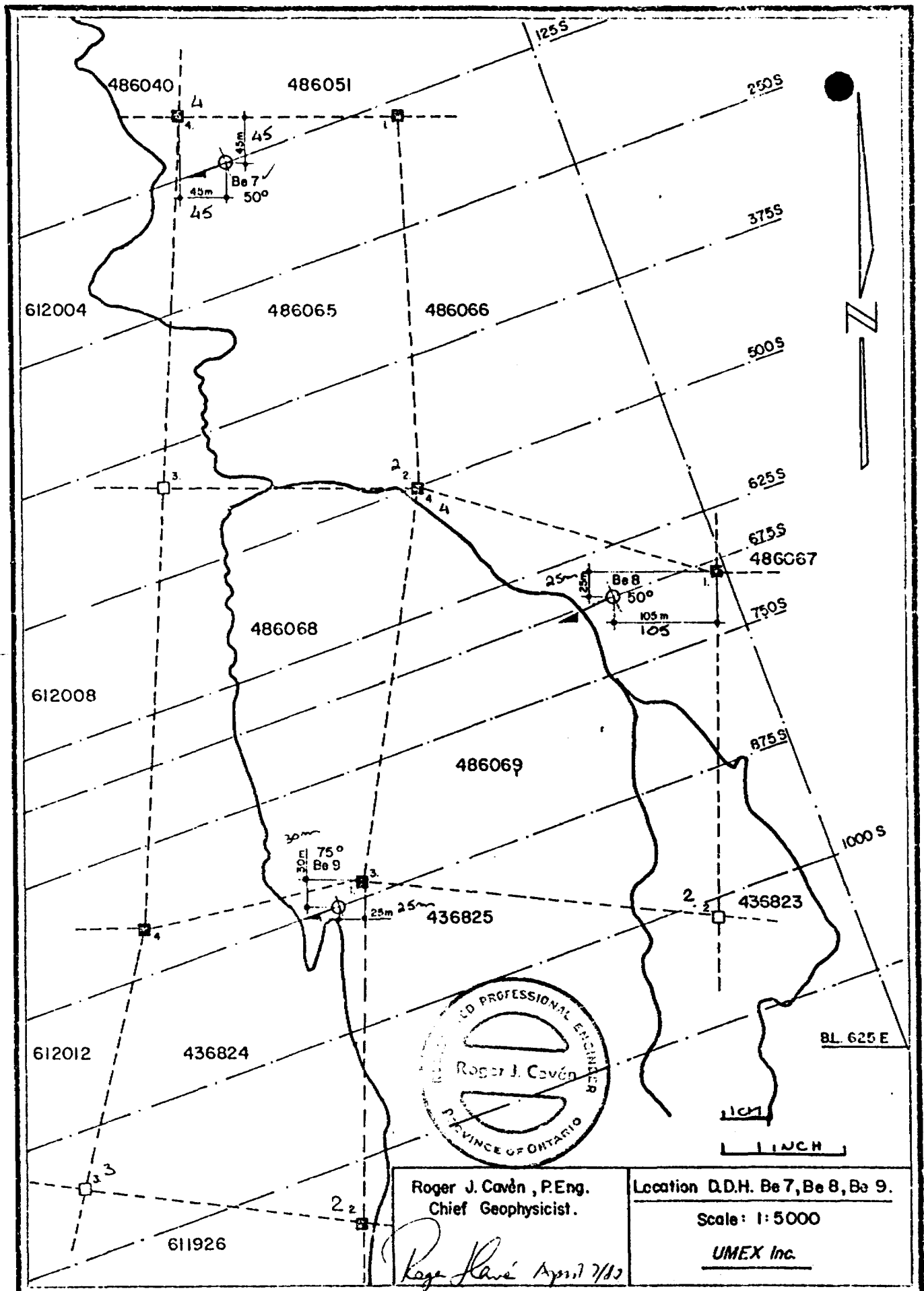
Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Samp
From	To					
304.0	329.0		Biotite rich mafic rock (ref. 262-279)			
329.0	382.0		White rock, almost massive, very fine sericitic foliation - granular and rich in silica - loc. chlorite rich + abundant andalusite - locally fine sulphide rich lenses (pyrite + chalcopyrite) - more basic between 337.5 and 345.5 - amph. and garnets between 344.5 and 345.5	tr. Cp-Py	371' 12° to	CA
382.0	388.5		Chlorite-sericite schists - zones of more mafic material (chlorite) with fine fractures coated with pyrite - local andalusite concentrations		loc. up to 12' Py	
388.5	394.5		Felsic lapilli tuff? altered - numerous quartz patches and veins - rare Py concentrations in thin mafic lenses. - loc. andalusite rich' at 393' qtz tourmaline rich vein (1")			
394.5	420.0		Sericite schist - very finely foliated - a few qtz veins with pyrite disseminations - richer in chlorite between 403 and 420.0'	tr. Py	408' 5° to	CA
420.0	444.0		Chlorite-sericite schist - similar rock, richer in chlorite - more mafic zones with loc. concentrations of pyrite and pyrrhotite - zones of very fine, contorted foliation - locally more sericite-rich with andalusite		442' 15° to	CA
444.0	451.0		Basalt flow? intrusive? - poorly foliated, non or weakly altered mafic, fine and massive rock with rare dispersed garnets.			

B-7

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
451.0	477.5		Chlorite-sericite schist - loc. andalusite and qtz veins - abundant pyrite and pyrrhotite as disseminated min. or as stringers parallel to foliation - at about 460' staurolite crystallizations - lenses of mafic to intermediate material relatively enriched in pyrrhotite and pyrite	Po + Py up to 5% loc.	453' 25° to	CA
477.5	500.0		Strongly but irregularly sericitized mafic to intermediate volc.? material remarkably rich in large, pinkish, quartz phenocrysts. - Rare disseminated pyrite		496' 21° to	CA
	500.0		END OF HOLE			

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 7 8 9 10 11 12 1 2 3 4 5 6



Roger J. Caven, P. Eng.
Chief Geophysicist.

Location D.D.H. Be 7, Be 8, Be 9.

Scale: 1:5000

UMEX Inc.

Roger J. Caven April 7/82

UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

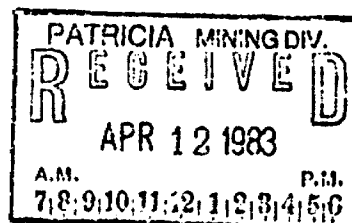
AREA BECK Hole No. B-8 Depth: 400' (121.9 m) Drilled By: Armstrong
 ANOMALY: Beck 1 Bearing and Dip: 255°/-50° Started: Nov. 7/82 Machine: Described By:
 CLAIM: Pa 486069 Local Coord. X= 506E Y=675S Z= Completed: Nov. 17/82 Diam Drill: AQ J.-J. Lefebvre

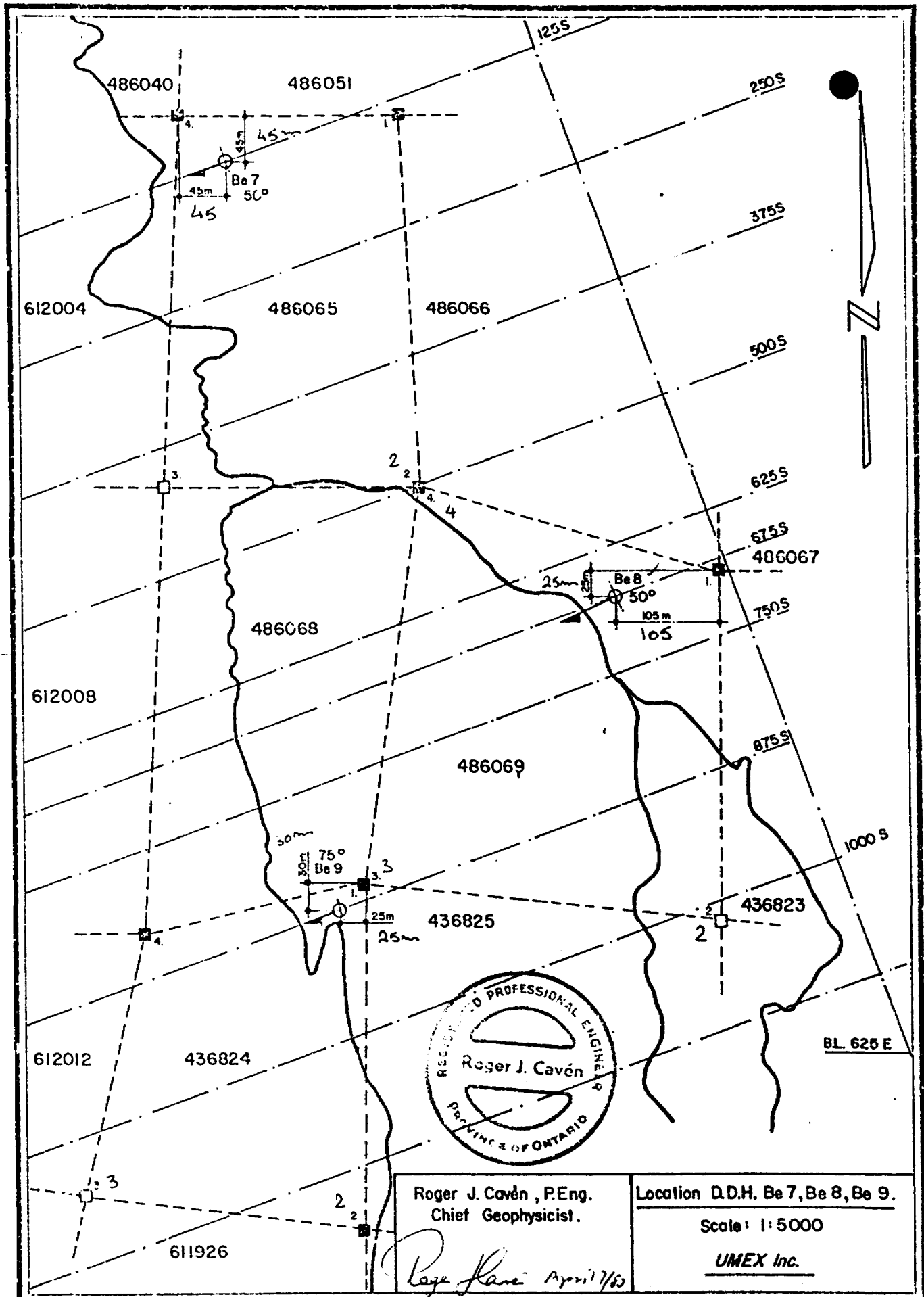
Depth		% Core	Description & Lithology	Mineralization	Dip to CA	No of Samp
From	To					
0.0	10.0		Casing			
10.0	17.5		Intermediate tuff lapilli - grey in color, poor foliation - numerous mafic lenses (cummingtonite possible) - locally bleached (incipient sericitization) 17.5 abnormal contact (fault, fracture?)		33° (fractur	
17.5	25.5		Andesitic tuff - dark blue, moderate foliation - numerous mafic lenses between 22' and 25.5' dacitic to andesitic tuff with small cherty lenses		19'-20° 22'-30°	
25.5	41.0		Altered intermediate tuff (?) - finely foliated, white rock, progressively massive - some amphibolitic lenses - rock remarkably rich in silica, sericite and andalusite - at the end, some fragment lapilli sized - very rare pyrite	trace py.		
41.0	72.0		Volcanic breccia - white, massive rhyolitic breccia with fragments up to 2' - poor matrix, rich in silica and sericite - frequent pods and stringers of pyrite - between 59.5 and 72' weathered fractured zone	Pyrite locally up to 5%	65'-10°	
72.0	85.3		Deeply altered rock - rich in quartz and sericite, white rock - possibly a felsic lapilli tuff with some quartz veins no sulphides		82'-20°	

Depth		% of Core	Description & Lithology	Mineralization	Dip	No of Samp
From	To					
85.3	93.0		Similar rock as above, but a little coarser - tuff lapilli? white in colour - breccia possible between 87 and 89'			
93.0	127.5		Altered andesitic (?) tuff - foliated, light grey rock with dots, patches and lenses of biotite - rich in tourmaline - tuff lapilli at 100', 120' - chloritized mafic zone between 103 and 106' and 107.5-109.0 with oxydized magnetite - at 123', one foot of garnet rich amphibolite (+magnetite) - at 125.6, half a foot of amphibolite		119'- 26° 122'- 22°	
127.5	143.0		Felsic lapilli tuff well sericitized			
143.0	146.5		Very altered andesitic tuff			
146.5	181.0		Deeply altered lapilli tuff - very siliceous, heterogeneous rock with abundant sericite and siderite veins - patches and veins rich in quartz - fracturations at 179' (very siliceous zone)		148'- 28° 155'- 21°	
181.0	205.0		Deeply altered tuff - locally quartz-sericite schist with contorted foliation - rare biotitic lenses - originally the rock could have been dacitic or andesitic in composition			
205.0	244.0		Fine felsic tuff (?) - light grey in color - apparently deeply altered, massive, medium grained - possibly a relatively coarse sediment or undefined alteration - andesitic intrusive intersected between 216 and 217' 224 and 231.5 232.5 and 244.0' - thick siderite vein at 237'		214'- 22°	

B-8

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
244.0	267.5		Sericite schist, very siliceous, contorted foliation			
267.5	296.0		Altered andesitic tuff with garnet rich mafic lenses and fine sediments	section of silica iron formation		
296.0	325.5		Contorted sericite-chlorite schist chloritic zone between 316 and 317 318 and 319 with sphalerite mineralization numerous quartz veins between 319 and 324'	Sp. 2-3%		
325.5	341.0		Andesitic intrusive associated with quartz and carbonate veins			
341.0	352.0		Deeply altered, massive, coarse material - massive sericite-chlorite rock (?) with patches of pyrite and pyrrhotite	3% Py Po		
352.0	360.5		Andesite spotted with cummingtonite and carbonate - fine dissemination of pyrite, pyrrhotite and possibly chalcopyrite	minor Py Po		
360.5	373.5		Deeply altered tuff with local cummingtonized mafic lenses - intense sericitization and abundant quartz phenocrysts - disseminated pyrite - contorted foliation	trace py		
373.5	400.0		Altered mafic rock with numerous carbonate veins (siderite ?)			
	400.0		END OF HOLE			





UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

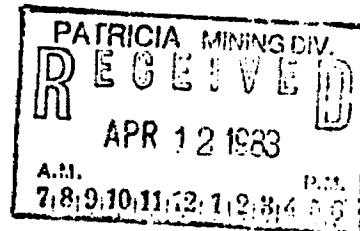
AREA BECK Hole No. B-9 ✓ Depth. 780' (237.7 m) Drilled By: Armstrong Described By:
 ANOMALY: Beck 1 South Bearing and Dip: 250°/-75° Started: Jan. 18/83 Machine:
 CLAIM: (B-1) Local Coord. X= 125E Y= 875S Z= Completed: Feb. 4/83 Diam Drill: AQ J.-J. Lefebvre
 Pa 436824

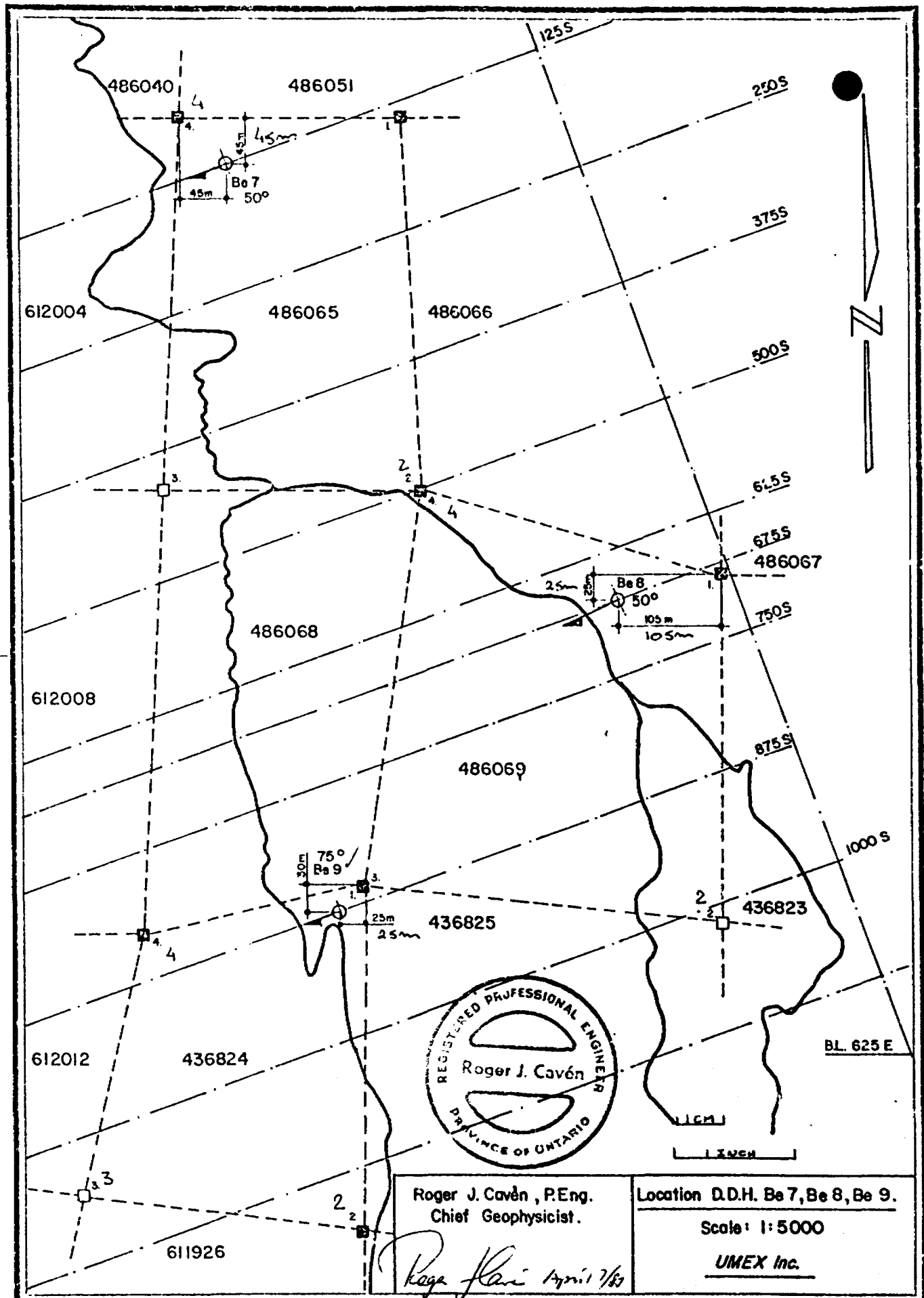
Depth		%	Description & Lithology	Mineralization	Dip to CA	No. of Sampl
From	To	Core				
0.0	84.0		Casing			
84.0	179.5		Coarse mafic (gabbro) intrusive - Massive green rock, locally slightly foliated - 84' to 125', rather massive amphibole porphyry metagabbro minor thin qtz-carbonate (epidote) veins - 125' to 179.5' massive and much coarser (amph. crystals up to 1.5 cm) locally weak interstitial Cp Py Po mineralization	3-4% sulfides as stringers between 171.5 and 173.0		
179.5	188.0		Finely foliated metasediments - lilac grey sericite-biotite rich, fine grained rock - greenish massive to poorly foliated chlorite-sericite rock - fine dissemination of pyrrhotite and minor chalcopyrite	tr. Po Cp	180' 37.5°	
188.0	448.0		Deeply altered rock (tuffaceous sediments ? or felsic tuffs) - highly silicified, locally sericitized light grey, massive to poorly foliated rock, loc. quite abundant andalusite (alteration of more mafic zones may contain some staurolite) - numerous diffuse stringers of pyrite and pyrrhotite - between 227.5 and 230'; 234.0 and 328' finely foliated garnet amphibolite - between 241.0 and 260.0' intercalation of finely foliated chlorite-sericite schists (altered meta-andesites?) - from about 280': quartz-sericite-andalusite schist - concentration of pyrite stringers between 399.0 to 406.0 410.0 to 430.0	(Po) Py loc. up to 5% tr. py up to 15% Py	277' 31.5° 360' 42.5° 434' 33.5°	

B-9

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
448.0	460.0		Deeply altered rock (andesitic tuff?) abundant stringers of pyrite	loc. up to 20% Py		
460.0	518.0		Deeply altered rock (mafic flow or tuff?) - well foliated, medium grey, quartz, sericite, andalusite (?) staurolite, amphibole rock - disseminated, fine grained pyrite and pyrrhotite (concentrated in more mafic bands and lenses) rare garnets	up to 10% Py Po between 465.0 and 468' trace cp	468' 28.5°	
518.0	540.0		Less altered, massive mafic rock - massive, dark green, rich in chlorite and magnetite - locally, abundance of garnet			
540.0	562.0		Massive, mafic rock, metabasalt? - massive, dark green, amphibolite rich rock - medium grained, partly recrystallized			
562.0	602.5		Altered intermediate tuff (metaandesite) - banded, silicified rock, rich in quartz phenocrysts - locally abundant crystallizations of garnet, staurolite, alumino-silicates - stringers of pyrite and pyrrhotite between 562.0 and 569.0	Po and Py up to 10%	563' 28.5°	
602.5	729.0		Quartz porphyry, sericite-chlorite schist - weakly foliated, grey green rock - composed mainly of sericite, chlorite and minor andalusite - very fine dissemination of pyrite and pyrrhotite - possibly an altered mafic to intermediate rock	tr. Py Po	605' 31.5°	

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
729.0	780.0		<ul style="list-style-type: none"> - Foliated to banded light grey and green rock - mainly composed of chlorite-sericite-quartz and patches of actinolite - tiny garnets less locally associated with amph. patches - rare thin quartz veins - few blue quartz 			
	780.0		END OF HOLE	very variable from 65° to 10°	670' 21°	





Roger J. Cavén, P.Eng.
Chief Geophysicist.

Roger J. Cavén April 7/87

Location D.D.H. Be 7, Be 8, Be 9.

Scale: 1:5000

UMEX Inc.



52J02NE0048 52J02NE0019 BECKINGTON LAKE

900



Report of Work

Beckington Lake #83-40 M-1740 The 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)"

3:5/2 N

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

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 2860	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	Pa	612001, etc...							
	As per Attached Appendix D & Appendix E								

All the work was performed on Mining Claim(s): Pa 436824, Pa 486031, Pa 486065, Pa 486069, Pa 486261

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

Please see attached core-logs also. 179 days taken from Balance on #82-44

Drilling Contractor: George Armstrong
P.O. Box 818
Fort Frances, Ontario
P9A 3N1

~~2912~~ ²⁷⁶⁷ feet of core-drilling including previous balance of 179 days ²⁷⁶⁷ ~~2912~~ days of Total credits. Appendix E
93 days of credits for core samples as per Mining Act 86(6). Appendix D

PATRICIA MINING DIV.
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 7:8|9|10|11|12|1|2|3|4|5|6

Date of Report April 8, 1983	Recorded Holder or Agent (Signature) <i>Roger J. Cavén</i>
---------------------------------	---

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 Roger J. Cavén, P.Eng., c/o UMEX Inc., 1935 Leslie Street, Don Mills, Ont. M3B 2M3	
Date Certified April 8, 1983	Certified by (Signature) <i>Roger J. Cavén</i>

Table of Information/Attachments Required by the Mining Recorder

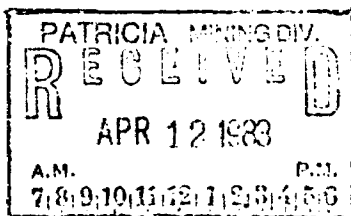
Type of Work	Specific Information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of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

APPENDIX "D"

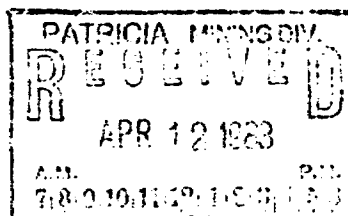
Core samples

BECK CLAIMS

Pa 611926	July 19, 1982	Pa 487062	February 2, 1981
		487063	"
Pa 612001	August 3, 1982	487064	"
612002	"	487065	"
612003	"	487066	"
612004	"	487067	"
612005	"	487068	"
612006	"	486069	"
612007	"		
612008	"	Pa 487533	February 16, 1981
612009	"	487634	"
612010	"	487635	"
612011	"	487636	"
612012	"	487637	"
		487638	"
Pa 612014	"	487639	"
		487640	"
Pa 612016	"	487641	"
612017	"		
612018	"	Pa 486913	October 1, 1980
612019	"	486914	"
612020	"	486915	"
612021	"	486916	"
		Pa 436823	April 10, 1980
		436824	"
		436825	"
		436826	"
		Pa 436828	"
		436829	"
		436830	"
		436831	"
		436832	"
		436833	"
		436834	"
		436835	"
		436836	"
		436837	"
		436838	"



BECK CLAIMS
Page 2.



		<u>Days</u>			<u>Days</u>
Pa 437423	April 11, 1980		Pa 486056	April 9, 1980	
437424	"		486057	"	
437425	"	1	486058	"	
437426	"	20	486059	"	
437427	"	20	486060	"	
437428	"		486061	"	
437429	"		486062	"	
437430	"	20	486063	"	
			486064	"	
Pa 486020	April 9, 1980		486065	April 10, 1980	
486021	"		486066	"	
486022	"		486067	"	
486023	"		486068	"	
486024	"		486069	"	
486025	"				
486026	"		Pa 486087	April 11, 1980	
486027	"		486088	"	
486028	"		486089	"	
486029	"		486090	"	
486030	"	20	486091	"	
486031	"		486092	"	
486032	"		486093	"	
486033	"		486094	"	
486034	"		486095	"	
486035	"		486096	"	
486036	"		486097	"	
486037	"		486098	"	
486038	"		486099	"	
486039	"		486100	"	
486040	"		486101	"	
486041	"		486102	"	
486042	"		486103	"	
486043	"		486104	"	
486044	"		486105	"	
486045	"		486106	"	
486046	"		486107	"	
486047	"	12	486108	"	
486048	"		486109	"	
486049	"		486110	"	
486050	"		486111	"	
486051	"		486112	"	
486052	"		486113	"	
486053	"		486114	"	
486054	"		486115	"	
486055	"		486116	"	
			486117	"	
			486118	"	

Core Samples 93 days

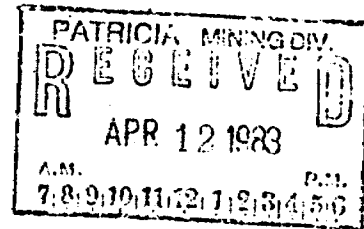
Days

Pa 486119 April 11, 1980
486120 "
486121 "
486122 "
486123 "
486124 "
486125 "
486126 "
486127 "
486128 "
486129 "
486130 "
486131 "
486132 "
486133 "
486134 "
486135 "
486136 "

Pa 486288 April 10, 1980
Pa 486308 April 10, 1980
486309 "
486310 "
486311 "
486312 "
486313 "
486314 "
486315 "

Boys plan

Pa 486253 "
486254 "
486255 "
486256 "
486257 "
486258 "
486259 "
486260 "
486261 "
486262 "
486263 "
486264 "
486265 "
486266 "
486267 "
486268 "
486269 "
486270 "
486271 "
486272 "
486273 "
486274 "
486275 "
486276 "
486277 "
486278 "
486279 "
486280 "



APPENDIX "E"

Drilling

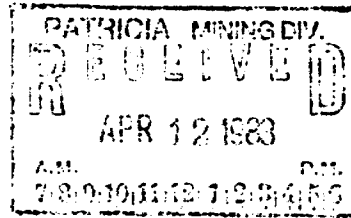
BECK CLAIMS

Pa 611926	July 19, 1982	Pa 487062	February 2, 1981
		487063	"
Pa 612001	August 3, 1982	487064	"
612002	"	487065	"
612003	"	487066	"
612004	"	487067	"
612005	"	487068	"
612006	"	486069	"
612007	"		
612008	"	Pa 487633	February 16, 1981
612009	"	487634	"
612010	"	487635	"
612011	"	487636	"
612012	"	487637	"
		487638	"
Pa 612014	"	487639	"
		487640	"
		487641	"
Pa 612016	"		
612017	"		
612018	"	Pa 486913	October 1, 1980
612019	"	486914	"
612020	"	486915	"
612021	"	486916	"
		Pa 436823	April 10, 1980
		436824	"
		436825	"
		436826	"
		Pa 436828	"
		436829	"
		436830	"
		436831	"
		436832	"
		436833	"
		436834	"
		436835	"
		436836	"
		436837	"
		436838	"

+ 0
20 9

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BECK CLAIMS
Page 2.



		<u>Days</u>			<u>Days</u>
Pa 437423	April 11, 1980		Pa 486056	April 9, 1980	40
437424	"		486057	"	40
437425	"		486058	"	40 0
437426	"		486059	"	
437427	"		486060	"	
437428	"		486061	"	40
437429	"		486062	"	
437430	"		486063	"	
			486064	"	40
Pa 486020	April 9, 1980	40	486065	April 10, 1980	
486021	"	40	486066	"	
486022	"		486067	"	40
486023	"		486068	"	
486024	"		486069	"	
486025	"				
486026	"		Pa 486087	April 11, 1980	20
486027	"	40	486088	"	
486028	"	40	486089	"	
486029	"	40	486090	"	
486030	"		486091	"	40
486031	"		486092	"	
486032	"		486093	"	20
486033	"		486094	"	20
486034	"	40	486095	"	20
486035	"	40	486096	"	20
486036	"	40	486097	"	20
486037	"	40 30	486098	"	40
486038	"		486099	"	40
486039	"		486100	"	40
486040	"		486101	"	40
486041	"	40	486102	"	20
486042	"	40	486103	"	20
486043	"	40	486104	"	20
486044	"	40	486105	"	40
486045	"	40	486106	"	40
486046	"	40	486107	"	40
486047	"	8	486108	"	40
486048	"	20	486109	"	20
486049	"		486110	"	20
486050	"	20	486111	"	20
486051	"		486112	"	20
486052	"		486113	"	
486053	"	40	486114	"	40
486054	"	40 0	486115	"	40
486055	"	40 0	486116	"	40
			486117	"	20
			486118	"	20

BECK CLAIMS
Page 3.

		<u>Days</u>			
Pa 486119	April 11, 1980	20	Pa 486288	April 10, 1980	40
486120	"				
486121	"		Pa 486308	April 10, 1980	40
486122	"	20	486309	"	20
486123	"	40	486310	"	40
486124	"	40	486311	"	20
486125	"	20	486312	"	20
486126	"	20	486313	"	40
486127	"	20	486314	"	40
486128	"	20	486315	"	40
486129	"	20			
486130	"	20			
486131	"	20			
486132	"	40			
486133	"	20			
486134	"	20			
486135	"	20			
486136	"	20			
Pa 486253	"	40			
486254	"	20			
486255	"	20			
486256	"	20			
486257	"	20			
486258	"	20			
486259	"	40			
486260	"	20			
486261	"	20			
486262	"	20			
486263	"	20			
486264	"				
486265	"	40			
486266	"	20			
486267	"				
486268	"				
486269	"				
486270	"				
486271	"	20			
486272	"				
486273	"				
486274	"				
486275	"	20			
486276	"	40			
486277	"				
486278	"				
486279	"				
486280	"				

Legs Jan

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A.M. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

52J/02NE - 0019 #1

LOCATED IN THE MAP
CHANNEL IN THE
FOLLOWING SEQUENCE

(X)

X		

Evans Lake Area - M.1774

CHEVRIER TWP

FOR STATUS REFER TO TWP PLAN - M.1673

BOUCHER TWP

FOR STATUS REFER TO TWP PLAN - M.1664

AREA OF

BECKINGTON LAKE

DISTRICT OF THUNDER BAY

PATRICIA MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

DISPOSITION OF CROWN LANDS

- PATENT, SURFACE AND MINING RIGHTS
- " SURFACE RIGHTS ONLY
- " MINING RIGHTS ONLY
- LEASE, SURFACE AND MINING RIGHTS
- " SURFACE RIGHTS ONLY
- " MINING RIGHTS ONLY
- LICENCE OF OCCUPATION
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

NOTES

400' Surface Rights Reservation along the Shores of all lakes and rivers.

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O.1970).

Order No.	File	Date	Disposition
Reserved for Public Use			S.R.
143788		18/10/71	S.R.
W 36/74	143788	27/6/74	S.R.
W 38/76	188555	8/6/76	S.R.

One mile wide CNR reserve - Surface Rights withdrawn under Sec 43 of The Mining Act File 168405

SAND and GRAVEL

- MTC Gravel Pit No 636
- Pit No 637
- Gravel File 183333
- 143788
- MTC Gravel Pit No 635
- Pit No 1646
- Pit No 1430, File 143788
- Gravel File 160704
- MTC Gravel Pit No 1614 File 143788
- Q.P. QUARRY PERMIT

Roger J. Coven, P.Eng. Chief Geophysicist.

D.O.H. Bel, Be6, Be7, Be8, Be9
Clustr maps M 1664 & M 1740
Boucher TWP & Beckington Lake

LOCATION MAP

Scale: 2" = 1 Mile
UMEX Inc.

NATIONAL TOPOGRAPHIC SERIES 52J2

PLAN NO. M.1740

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Squaw Lake Area - M.1904

525/02NE - 0019, #1

502903

Barnard Lake Area M.1744

Fog Lake & Manion Twp. M.3191



52J02NE048 52J02NE0819 BECKINGTON LAKE