



52J02NE0025 52J02NE0020B1 BECKINGTON LAKE

010

Diamond Drilling

Area Beckington Lake

Report No 33

Work performed by: Umex Inc.


Claim No	Hole No	Footage	Date	Note
PA 486068	BE-10/84	322m	Nov/84	(1)
<u>TOTAL</u>	<u>1DH</u>	<u>322m</u>		

Notes: (1) #171-84

UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED
DRILL RECORD.

AREA Beck 1 Hole No. BE-10/84 Depth: 322 m Drilled By: Bradley Bros
 ANOMALY: Moose Cr Bearing and Dip: 250°/67° Started: Nov. 18, 1984 Machine: Boyles 17A Described By:
 CLAIM: Pa 486068 Local Coord. X= 500S Y= 225E Z= Completed: Nov. 22/1984 Diam Drill: BQ Brian Wing

Depth meter		% Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To	Core				
0	5	80	Fine grained felsic tuff, foliated 60° to core axis. 0.45 - 0.8' - fine grained mafic band with small garnets 3.6 - 4.5 lost core			
5	32	95	fine grained foliated mafic tuff interbanded with foliated to massive mafic rock containing detritic amphiboles in a feldspar rich matrix 4.5 - 9 fine grained foliated mafic tuff with feldspar laths in groundmass and mafic fragments. 7.5 - 7.7 1 cm wide quartz veinlets 8.3 - 21 massive to weakly foliated amphibole rich mafic quartz vein 1 cm with mica (muscovite) py, po 14 limonitic zone, highly fractured, bedding contorted 19-19.2 area of amphibolite & quartz in contorted fractures 21 fractured very fine grained tuff or flow 21-22 very highly fractured 25-25.5 massive detritic amphiboles, coarser grained 25.5-26 fine grained tuff 26-31 massive detritic amphiboles, volcanic rock 26.5-26.7 fine grained groundmass, highly contorted quartz vein 30-30.2 green quartz blebs with red garnets 31-32 fine grained massive tuffaceous rock	py & po 1%		
32	40	mafic	tuff fine grained to very fine grained with disseminated sulfide 32-32.2 highly contorted contact with possibly a fault zone 39 2" quartz with sulfide disrupting foliation 40-41 massive, coarser grained minor sulfide 41-42 banded layers of mafic tuff foliated ~ 60° to c.a. 42-42.2 contorted foliation in this area	py (po) < 1% py 5% py < 1%		

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sampl.
From	To					
40	61		<p>massive, porphyritic amphibolite and biotite in mafic groundmass, mafic phenocrysts (amphiboles may be dentritic or hexagonal, biotite phenocrysts in feldspar rich groundmass very minor sulfide</p> <p>44 distorted thin quartz sericite vein</p> <p>44.5 quartz vein 2 cm</p> <p>45 distorted quartz sericite vein</p> <p>45.5 there is an increase in plagioclase groundmass, amphiboles more commonly dentritic and slightly larger</p> <p>46 quartz vein 2 cm, fractured showing right lateral displacement across fracture, edges of quartz vein has tourmaline teeth growing 1-2 mm into vein</p>  <p>47 quartz veinlet, 1 cm</p> <p>48 2 cm quartz vein</p> <p>49 quartz vein amphiboles in feldspar (plagioclase) and chlorite groundmass some rimming of biotite</p> <p>49.1-49.3 very finely banded</p> <p>49.7 1 cm quartz vein</p> <p>50 2 cm quartz vein with staurolite</p> <p>50.2 quartz vein rock has increasing mafic phenocrysts with depth and most of these are amphiboles</p> <p>coarser grain, mafic amphibole in feldspar plagioclase groundmass. massive</p> <p>59-60.3 feldspar alteration zone with red mineral 1" chlorite shear zone highly foliated highly distorted quartz alteration zone schist, porphyry/volcanoclastic breccia zone</p> <p>60.3-60.5 disseminated sulfide</p> <p>60.6 1 cm quartz vein</p>	<p>minor py < 0.5%</p> <p>py(po) < 3%</p>		

Depth		% of Core	Description & Lithology	Mineralization	Dip	No of Samp
From	To					
61	65.2		<p>very fine grained felsic tuff, quartz porphyry in spots so fine grain may be flow</p> <p>64 1" quartz vein feldspathic quartz tuff</p> <p>64.7-64.8 highly fractured talc core</p> <p>65.1-65.2 less foliated</p>			
65.2	111		<p>Mafic garnet bearing tuff or metasediments, mafic groundmass is contorted, sulfides painting fractures</p> <p>Rock is homogeneous</p> <p>70 becoming andesitic in composition</p> <p>73-75 fine grain mafic tuff with green and grey color very small garnets, finely disseminated sulfide and sulfide painting fractures</p> <p>75 rock becoming increasingly mafic and losing its foliation, disseminated sulfide</p> <p>76 increasing sulfide in contorted mafic matrix at least two types of sulfide, py,po</p> <p>78 rock slightly more acidic increase sulfides</p> <p>76.2 & 77.1 1 cm quartz vein</p> <p>78.2-78.4 contact with finer grained sulfides in veinlets highly chloritized rock, fine grained mafic tuff</p> <p>84-85-86 1 cm quartz vein sulfides are fine banded throughout rock</p> <p>84.2 highly contorted area</p> <p>90-91 2 ft. zone of quartz and epidote alteration</p> <p>porphyritic mafic tuff</p> <p>94-94.1 strongly foliated</p> <p>94.1 contains rimmed garnets</p> <p>94.6 shattered quartz eye phenocrysts foliation 60° to c.a.</p> <p>Mafic tuff with disseminated sulfide</p> <p>96 massive area</p> <p>96.2 quartz vein</p> <p>96.8 chlorite rich groundmass with feldspar (plagioclase)</p> <p>97 sulfide disseminated</p> <p>97.6-98 slightly more andesitic</p>	<p>py 3%</p> <p>po 1%</p> <p>py,po 7%</p> <p>py(po) < 3%</p> <p>py 3%</p>		

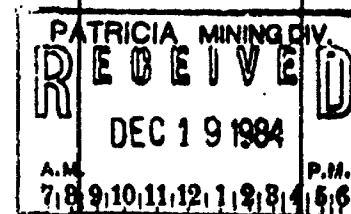
Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sample
From	To					
65.2	111		(Cont'd.) fine grained mafic tuff, minor disseminated sulfide, grey, foliated 60° c.a. grey-green color banding, chlorite and amphibole groundmass mafic fragments small garnets 108 40% garnets and garnet intergrowths 110 occasional garnets 110 2 cm quartz vein, the mafic tuff has shattered quartz eyes	S < 1%		
111	112		felsic tuff, fine grained with minor mafic banding, very siliceous			
112	116.3		fine grained mafic, small garnets, small sulfide veinlet 113.8 10 cm zone of contorted sulfide and quartz zone 114.5 10 cm zone of contorted sulfide and quartz zone	S = 5%		
116.3	121		fine grained dacitic tuff, banded @ 60° to c.a., pale grey 117 4 cm quartz vein with thin chlorite bands 119 coarse grained veinlet or dyke			
121	122.5		increase in mafic content, coarse grained, mafic phenocrysts, strongly foliated, with blue quartz "eyes" phenocrysts.			
122.5	136.5	95%	porphyritic quartz feldspar porphyry, white feldspar and coarse blue quartz limonitic alteration for 10 cm @ 124.5 m, 126 m, 126.5 m 127.8 rock grading to red-brown sericitic/hemititic schist; groundmass still porphyritic 128.5 staurolite present 129-131.5 fine grained felsic tuff bands with feldspar quartz porphyry 131 m hemititic stain 133 20 cm of fine grained felsic tuff with coarse blue quartz phenocrysts 136 feldspar altered and have hemititic stain			

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Samp!
From	To					
136.5	175		<p>Fine grained quartz feldspar crystal tuff with minor bands of quartz/ feldspar porphyry, minor disseminated sulfide</p> <p>139-140 missing core</p> <p>142 quartz alteration and veinlet</p> <p>142.8-143.8 1 m band of red hematite alteration contain limonite and staurolite in quartz, feldspar porphyritic groundmass</p> <p>143.8 fine grained felsic tuff</p> <p>144.5-144.8 sericitic and hemititic alteration, blocky core, foliation 60°</p> <p>150 minor 3 veinlets and stringers</p> <p>155.5-156 minor disseminated sulfide, pale grey to green banding</p> <p>158.5-161 felsic tuff interbanded with feldspar rich layers</p> <p>161-162.5 slightly more massive</p> <p>162.5-163.2 medium grained with disseminated sulfides, rock has blue hue to it, a fine grained felsic tuff Minor sulfite // to foliation along small veinlets</p> <p>blue quartz eyes 1-2 mm in diameter</p> <p>164-165.5 rock slightly more massive</p> <p>167 1-2 cm quartz and sulfide vein, altered</p> <p>167.5 feldspars becoming fine grained</p> <p>167.5-168 foliation becomes disrupted</p> <p>168-169 foliation becomes disrupted with small folds and sulfide veinlets, thin chloritic seams</p> <p>169 fine grained felsic tuff with sulfides</p> <p>170-171 groundmass becomes slightly more mafic with sulfide painting fractures</p> <p>172 crenulations in foliation</p> <p>173-175 coarser grained feldspar rich with high percent of porphyroblasts and randomly oriented quartz grains</p>	<p>S < 5%</p> <p>S < 3%</p> <p>S < 4%</p> <p>S < 3%</p> <p>S < 10%</p>		
175	175.5		strongly foliated chlorite shear with sulfides	S < 7%		

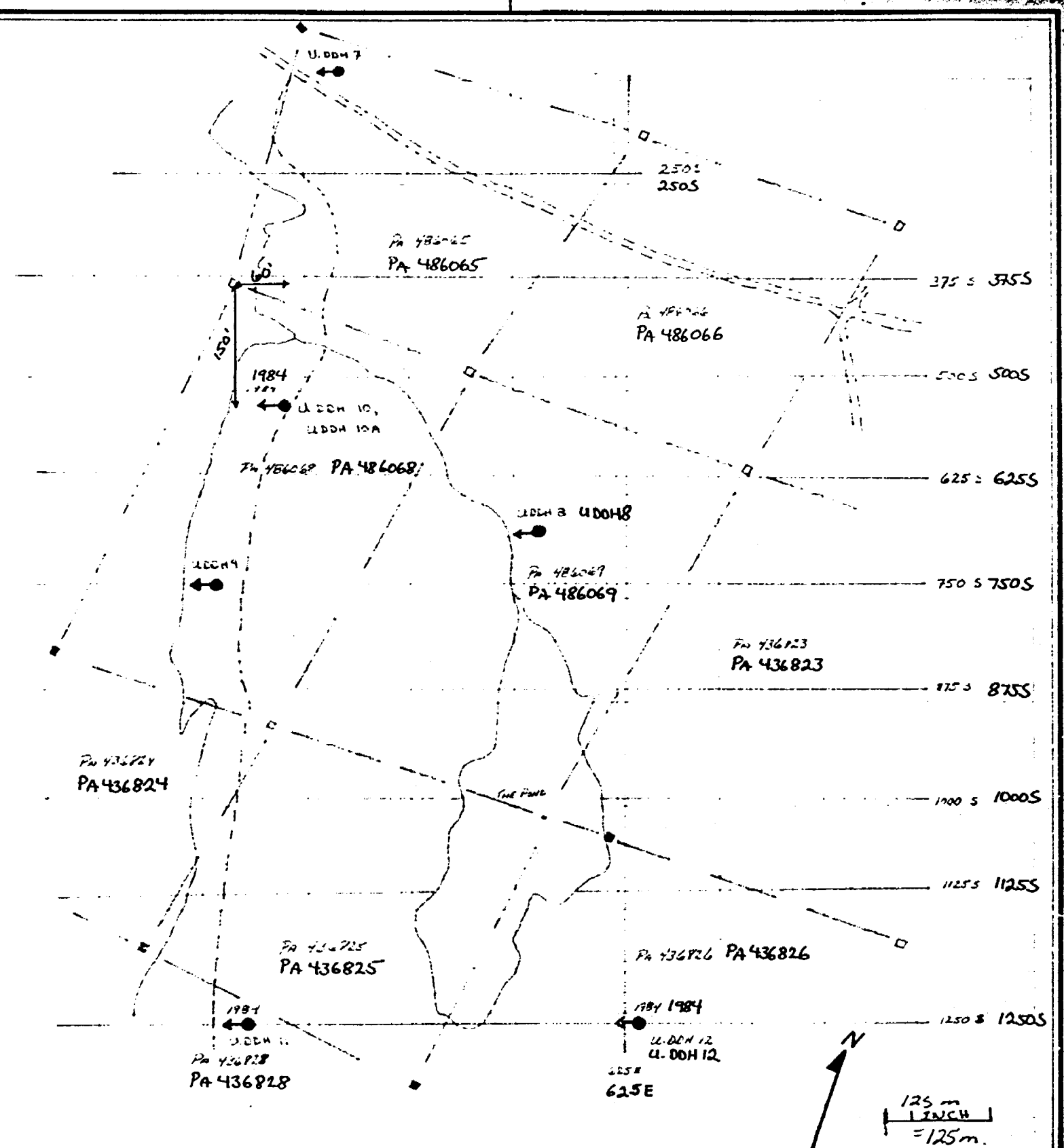
Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sampl
From	To					
175.5	192		<p>fine grained porphyritic feldspar/quartz felsic tuff with sulfide along fractures and veinlets, bands of felsic and intermediate layers</p> <p>177.5-178 increase in sulfide</p> <p>180 chlorite shear with epidote alteration, blocky core</p> <p>180.3 quartz vein with sulfide</p> <p>180.9 disseminated felsic tuff with sulfide painting fractures texture somewhat like a flow</p> <p>181.5-182 more massive</p> <p>182-182.5 coarse grained porphyritic, talcose, hematitic stain and sulfide along fractures</p> <p>182.5 rock has green hue</p> <p>185 blocky core</p> <p>185.5-189 minor disseminated sulfide, rock with pale grey and red hue</p> <p>189-190 chlorite alteration vein with disseminated sulfide</p>	<p>S < 12%</p> <p>S < 7%</p> <p>S ~ 5%</p>		
192	195		<p>fine grained intermediate to mafic groundmass with minor garnets - may be metasediment</p> <p>192.5-193.5 feldspar/quartz, felsic tuff with coarse quartz phenocrysts randomly oriented</p> <p>193.5-194 increase in sulfides in sediment minor garnets // foliation 60° to c.a.</p>	<p>py(po) 10-15%</p>		
195	199.2		<p>fine grained felsic tuff with quartz and chlorite alteration sulfide along fractures, green mica along fractures</p> <p>198.7-199 quartz vein with minor py</p>	<p>py 5%</p>		
199.2	211		<p>finely banded garnets and quartz, a silicate iron formation mass sulfide (py) with 10 cm quartz vein this is interlayered with fine grained felsic tuff</p> <p>200-201.5 fine grained felsic tuff</p> <p>201.5 garnets, chlorite, quartz alteration along shear with massive sulfide</p> <p>203 garnets starting to have rims or rotted cores, garnets 1-2 mm dia., disseminated sulfides (py), chlorite blebs</p> <p>211 less garnets</p>	<p>py 5%</p> <p>py, po 10-20%</p>		

Depth		% of Core	Description & Lithology	Mineralization	Dip	No of Samp
From	To					
211	218		fine grained felsic tuff with smaller garnetiferous horizons minor disseminated sulfides and minor blue quartz eyes which are very fine grained			
218	231		Mafic to intermediate with garnets and disseminated sulfides, very fine grained except for quartz phenocrysts, sulfide also painting fractures 219 2 cm quartz vein sulfides in veinlets // foliation in what appears to be original layers 220 garnets with massive po, py in fine grained matrix 1% quartz phenocrysts 222-224 garnets are absent	po,py 10-15%		
231	239		Rock approaches an intermediate tuff, very fine grained may still be sediment sulfide in bands // foliation foliation 60° 234 1 m very fine grained garnetiferous horizon with amphibole and hematite with minor sulfide intermediate tuff with mafic phenocrysts 237.5-239 massive sulfide in fine grained tuff groundmass with mafic phenocrysts	po,py 15%		
239	243.5		Felsic volcanic tuff with massive to disseminated sulfide 242.5 less sulfide, contains very small garnets in very fine grained tuff with sillimanite and chlorite	po,py 10%		
243.5	251		Felsic volcanic tuff with massive to disseminated sulfide 242.5 less sulfide, contains very small garnets in very fine grained tuff with sillimanite and chlorite garnet rich horizons, fine grained with sillimanite and chlorite stringers grey-green color banding with minor sulfide along fractures similar to metasediment, garnet rich horizons but garnets not disseminated throughout the rock 248.5 3 cm quartz vein and staurolite alteration 248.4 249 fine grained garnets	S 20%		
251	289		fine grained grey felsic tuff with disseminated sulfide and sulfide along stringers // foliation, 5 mm quartz eyes, some shattered quartz and feldspar phenocrysts, banded with schistose pockets, fractures filled by disseminated sulfide small garnetiferous horizons some larger sillimanite phenocrysts (rare) feldspar laths in groundmass and sulfide stringers	S 10-20% py, po, cpy		
				S 7-10%		
				po, py 10% cpy 1%		
				S ~ 4%		

Depth		% of Core	Description & Lithology	Mineralization	Dip	No. of Sampl
From	To					
251	289		(cont'd.) 257.5-258.5 rock slightly more felsic 259.5 talcose area with hematite stain, rock in a fine grained dacite with disseminated sulfide 261.8 1 cm quartz vein with chlorite 265 sulfides become massive with rock becomes schistose 267 larger quartz eyes, foliation is disrupted 270 6 cm quartz vein, 273.2 2 cm quartz vein rock is fine grained tuff, foliated with blue quartz eyes 273 chlorite shear in fracture After 273 m, sulfide content drops but still minor disseminated sulfide 275 minor sulfide, rock has grey-green banding coarse hexagonal quartz phenocrysts, some shattered but becoming larger and less numerous 276 banding becoming alterea and irregular as is foliation, very disrupted by sulfides 283.0-284 minor disseminated sulfide with altered feldspars 288 talcose zone, disseminated quartz phenocrysts and epidote alteration 288.5 1 mm wide mafic stylolite	S ~ 15%		
289	311		Talcose, staurolite rich sediment or tuff with quartz phenocrysts 293 garnet phenocrysts and plagioclase laths in groundmass, garnets and amphibole present 309.5 fine banded with staurolite			
311	322		Mafic tuff with quartz vein alteration and epidote at 65-70° to c.a. very minor garnets foliation 60° 318-319.5 rock slightly more massive 321-322 quartz alteration vein END OF HOLE 322 meters Collar 67° Dip Test 200 m 71° 300 m 71° 322 m 69°			



Patricia Mining
Dec 12/84



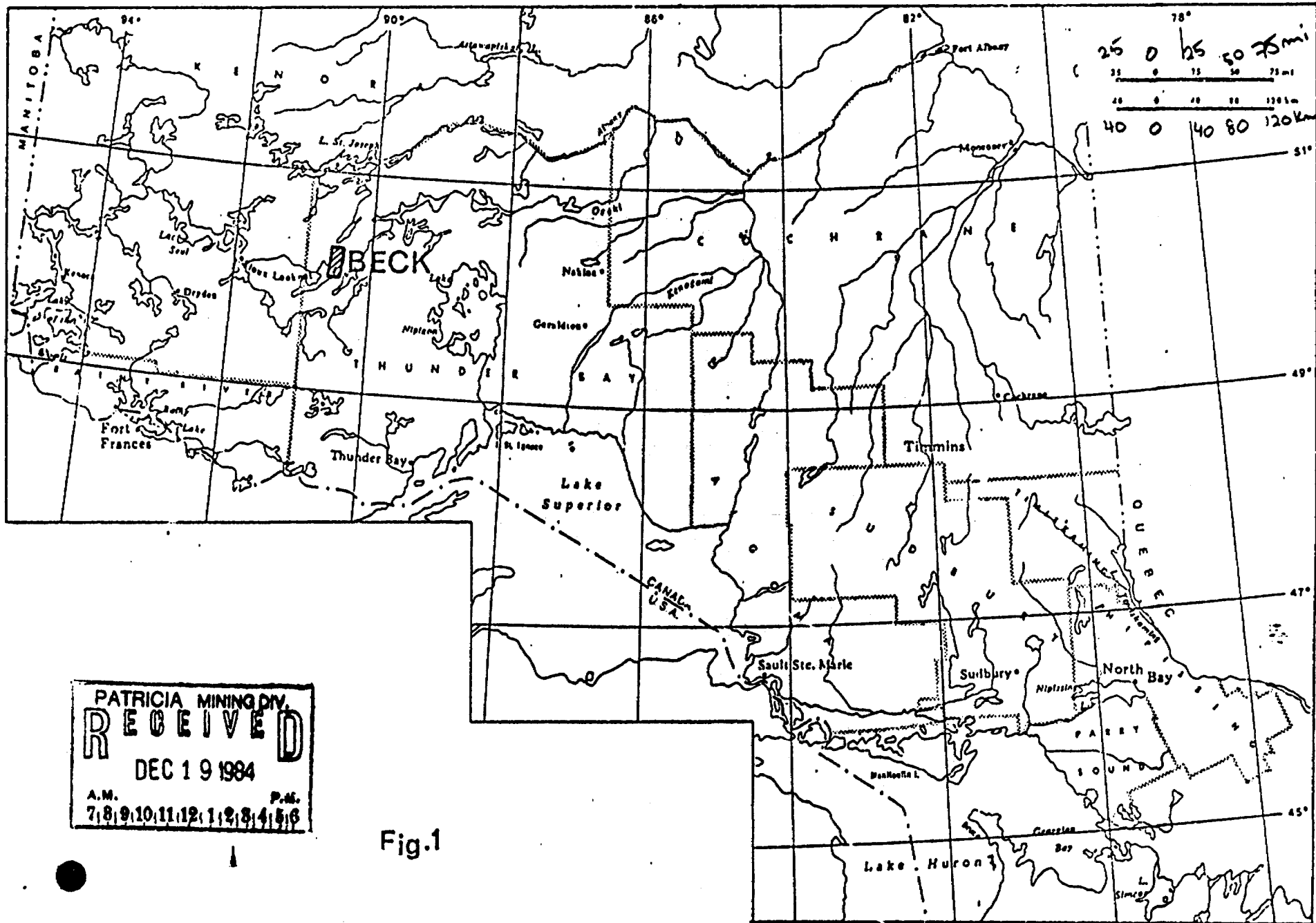
PATRICIA MINING DIV.
RECEIVED
 DEC 19 1984
 A.M. P.M.
 7:59:10:11:12:13:14:15:16

Area: *BECK 1*
 Anomaly:
 Claim:

Instrument:
 Frequency:
 Bearing:

Hole No: *Br 7-12*
 Bearing & Dip:
 Local coord.:

UMEX CORPORATION LTD.
 Scale: 1" = 125 m
 Surveyed by: *B. Wong*



PATRICIA MINING DIV.
RECEIVED
 DEC 19 1984
 A.M. P.M.
 7 8 9 10 11 12 1 2 3 4 5 6

Fig.1



52J02NE0025 52J02NE0020B1 BECKINGTON LAKE

900

BOUCHER TWP.

FOR STATUS REFER TO TWP PLAN - M1664

PATRICIA MINING CO.
RECEIVED
DEC 19 1984
A.M. 7:8:9:10:11:12:1:2:3:4:5:6
P.M.

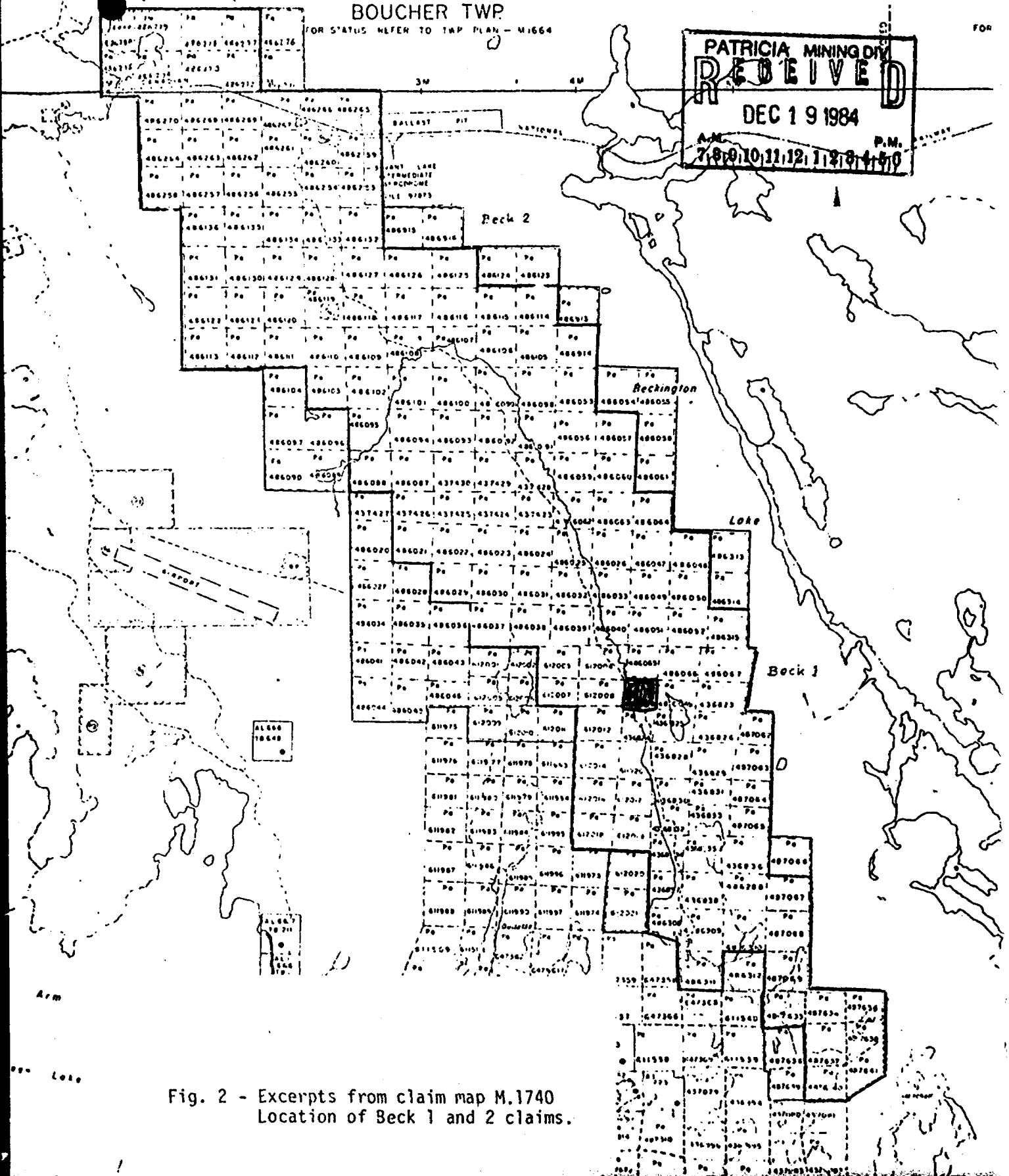


Fig. 2 - Excerpts from claim map M.1740
Location of Beck 1 and 2 claims.

