

DIAMOND DRILLING



41115SE0061 RATHBUN36 RATHBUN

010

TOWNSHIP: Rathbun

REPORT No.:

WORK PERFORMED BY: Reino Viitala

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
S 574962	RV-2	130.5'	June/84	(1)
	<u>1 DH</u>	<u>130.5'</u>		

NOTES: (1) #24-65

HOLE-RV-2.

SUBBURY
MINING DIV.
RECEIVED
7-7035
A.M. P.M.
7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6

pg-1

DIAMOND DRILL RECORD

Hole No. RV-2 Length 130.5 FT CO-ORDINATES OF COLLAR
 Working Place RATHBUN TWP. Section 0-20 FT Lat.
 Date Finished JUNE 7, 1984. Dip VERT. Dep.
 Bearing Elevation BOX-1,
 Purpose PROVE STRUCTURE AT DEPTH, BB-CORE (1/4") SIZE.

SIGNIFICANT INTERSECTIONS

From	To	C.L.	Cu. %	Au. oz./ton	Remarks

From FT	To FT	DESCRIPTION	Sample No	Width		
0	0.5	MEDIUM-GRAINED META-ARGILLITE. 1/4" SURFACE WEATHERING. CARB (ANKERITE/SIDERITE) WEATHERED LEAVING FE-OXIDE BLEBS.				
.5	1.0	SLIGHT CARBONATE WEATHERING.				
1.0	1.5	SAME, TR-MAGNETITE, PYRITE.				
1.5	2.0	HORZ AND 60°S DIP 1/8" CHLORITE SHEARS.				
2.0	2.5	60°S CHLORITE SHEARS. TR-ALTERED CARBONATE.				
2.5	3.0	CLEAN META-ARGILLITE				
3.0	3.5	CLEAN META-ARGILLITE				
3.5	4.0	150S-1/8" QUARTZ+CHLORITE SHEARED VEINLET. SOME CHLORITE INCLUSIONS AND PYRITE ALONG SHEAR ZONE.				

Hole No. RV-2

LOGGED BY Keith L. Vintala (RV)

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pg 2.

From	To	DESCRIPTION	Sample No	Width			
4.0	4.5	PYRITE ASSOCIATED WITH 60°S SETS OF BANDED ARGILLITE, FE-OXIDES ALONG 15-20°N SHEARS & JOINTING.					
4.5	5.0	60°S - 1/2" APART BANDS OF META-ARGILLITE, TR-PYRITE.					
5.0	5.5	META-ARGILLITE (CLEAN), MEDIUM-GRAINED.					
5.5	6.0	META-ARGILLITE (CLEAN).					5.0 TO 10.5 FT IS 1" CORE TO STRAIGHTEN HOLE BACK TO TRUE VERTICAL. BACK TO BQ-CORE SIZE AT 10.5 FT.
6.0	6.5	60°S - SLIGHTLY BANDED META-ARGILLITE, TR-1/16" PYRITE CUBES, CARBONATE ALTERATION.					
6.5	7.0	CARBONATE ALTERATION					
7.0	7.5	CARBONATE ALTERATION					
7.5	8.0	60°S - BANDED META-ARGILLITE.					
8.0	8.5	60°S - BANDED META-ARGILLITE.					
8.5	9.0	60°S - SHEARS ALONG BANDED META-ARGILLITE.					
9.0	9.5	SAME AS ABOVE, 40°E JOINTING.					
9.5	10.0	SAME, SLIGHTLY BANDED AT 60°S. CARBONATE ALTERATION.					
10.0	10.5	60°S AND 20°N SHEARS → Fe-OXIDE ALONG SHEARS. SLIGHTLY BANDED AT 60°S.					

R-2.

Pg 3.

From	To	DESCRIPTION	Sample No	Width			
10.5	11.0	MEDIUM GRAINED, SLIGHTLY ALTERED ARGILLITE.					
11.0	11.5	SAME AS ABOVE.					
11.5	12.0	20°N-Fe OXIDE COATED JOINTING TR-CHLORITE ALONG JOINTS.					
12.0	12.5	60°S SHEARS. SLIGHTLY ALTERED ARGILLITE. CARBONATE BLEBS. (1/8")					
12.5	13.0	SAME AS ABOVE					
13.0	13.5	SAME, TR-PYRITE,					
13.5	14.0	20, 40°E JOINTING. Fe-OXIDES ALONG JOINTS, TR-CHLORITE.					
14.0	14.5	SAME AS ABOVE.					
14.5	15.0	SAME AS ABOVE.					
15.0	15.5	JOINTING AT 20°N, 50°N, 50°S. Fe-OXIDE + PYRITE ALONG JOINTS.					
15.5	16.0	20°N JOINTING → Fe OXIDES, 50°S JOINTING → PYRITE TRACES.					
16.0	16.5	20, 40°N JOINTING → TR PYRITE, → Fe OXIDES					
16.5	17.0	SLIGHTLY ALTERED ARGILLITE TR-PYRITE. (SPECS)					
17.0	17.5	50°S-CHLORITE SHEAR					
17.5	18.0	20°N-CHLORITE SHEAR.					
18.0	18.5	SAME AS ABOVE					
18.5	19.0	SLIGHTLY ALTERED ARGILLITE.					

R-2.

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From	To	DESCRIPTION	Sample No	Width			
19.0	19.5	60°S - 1/16" QUARTZ + CHLORITE STRINGERS, VEINLETS. PY-AWNING -Fe-OXIDE ALONG 30°E JOINTS.					
19.5	20.0	SLIGHTLY ALTERED ARDILLITE. CARBONATE ALTERATION Fe-OXIDES ALONG 30°E JOINTS.					
		END OF BOX-1. CORE RECOVERY-95%. -NO ASSAY SECTION.					

DIAMOND DRILL RECORD

Pg 5

Hole No. **N-2** Length **130.5'** CO-ORDINATES OF COLLAR
 Working Place **RATHBUN TWP.** Section **20-39'** Lat.
 Date Finished **JUNE 7, 1984.** Dip **VERT** Dep.
 Bearing Elevation
 Purpose **BOX-2** **BQ-CORE (1/4").**

SIGNIFICANT INTERSECTIONS					
From	To	C.L.	Cu. %	Au. oz./ton	Remarks

From	To	DESCRIPTION	Sample No	Width		
BOX - (SUMMARY)	2	CHANGE GRADUAL TO COARSE GRAINED (1/16" & 1/8") CARBONATE RICH ARGILLITE, CARBONATE XLS & PY XLS. Fe-OXIDES ALONG JOINTS. WATER MOVEMENT ALONG Fe-OXIDE COATED JOINTING AT 25, 28, 29.5, 33 AND 37 FT. INCREASED PY-CONTENT, TRS-AU SPECS, BLUE-METALLIC,				
20.0	20.5	60°S, CHLORITE SHEARS, Fe-OXIDES ALONG JOINTS.				
20.5	21.0	50°S, CHLORITE SHEARS, Fe-OXIDES & PYRITE.				
21.0	21.5	20°N Fe-OXIDE COATED JOINTS.				
21.5	22.0	SAME AS ABOVE				

ASSAY
SECTIONS
FIR
AU, PT.

CORE
RECOVERY
95%.

R-2

pg-6.

From	To	DESCRIPTION	Sample No	Width		
22.0	22.5	SAME.				
22.5	23.0	SAME. TR-PYRITE.				
23.0	23.5	SAME. INCREASED PYRITE CONTENT.				
23.5	24.0	SAME.				
24.0	24.5	INCREASED ALTERATION (CHLORITE) Fe-OXIDES ALONG 20°N JOINTS.				
24.5	25.0	1" QUARTZ VEIN AT 60°S. PYRITE, UNGS, Fe-OXIDES ALONG FOOTWALL.			ASSAY (1)	AU
25.0	25.5	PYRITIZED ALONG 50°S CHLORITE SHEARS. 200N OXIDIZED JOINTS.			ASSAY (2)	AU PT.
25.5	26.0	SAME AS ABOVE - PYRITIZED			ASSAY (3)	AU PT
26.0	26.5	SAME AS ABOVE PYRITIZED TO 26.5 FT.			ASSAY (4)	AU PT
26.5	27.0	300N - Fe OXIDIZED JOINTS. HEMATITE ALONG JOINTS. CARBONATE ALTERATION. 70°S - FRACTURES. BLUE METALLIC WITH RADIATION HALO IN CARBONATE AREAS.			ASSAY (5)	AU PT
27.0	27.5	300N - Fe OXIDIZED JOINTS AT 1/2" APART. BLUE METALLICS. CARBONATE RICH.			ASSAY (6)	AU PT.

N-2.

pg-2

From	To	DESCRIPTION	Sample No	Width		
27.5	28.0	SAME.				
28.0	28.5	SAME. BLUE METALLIC, PYRITE, CARBONATE. HEMATITE IN CHLORITE SHEARS AT 60°S.				ASSAY (7) AU PT
28.5	29.0	SAME AS ABOVE.				
29.0	29.5	CARBONATE ALTERATION. HEMATITE ALONG 60°S SHEARS.				
29.5	30.0	CHLORITE RICH SHEARS. PYRITE-HEMATITE. 1/16" QUARTZ CHLORITE, PYRITE, VEINLETS AT 60°S.				
30.0	30.5	60°S - PARALLEL SETS OF CHLORITE SHEARS. CHLORITIC, TR-BLUE METALLIC, PYRITE.				
30.5	31.0	1/16" BLUE METALLIC AND CARBONATE BLEBS. TR-PYRITE.				
31.0	31.5	Fe-OXIDES ALONG 20°N JOINTS. 60°S - CHLORITIZED SHEARS. TRS-BLUE METALLIC + PYRITE THROUGHOUT SECTION. CARBONATE-RICH.				ASSAY (8) AU PT.
31.5	32.0	SAME AS ABOVE				
32.0	32.5	SAME AS ABOVE				
32.5	33.0	Fe AND CARBONATE LEACHING ALONG 20°N JOINTS, TR-HEMATITE.				

R-2.

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From	To	DESCRIPTION	Sample No	Width			
33.0	33.5	Fe-oxides, hematite, pyrite, carbonate along 20°N joints blue metallic and pyrite disseminated thru section. 1/16" qrt veinlet at 75°S.					
33.5	34.0	SAME AS ABOVE					
34.0	34.5	50°S - chlorite shears. vertical Fe-oxide joints. TR-blue metallic, pyrite.					
34.5	35.0	SAME - CARBONATE RICH.					
35.0	35.5	SAME - CARBONATE RICH.					
35.5	36.0	SAME - CARBONATE RICH.					
36.0	36.5	SAME - INCREASED Fe, hematite, carbonate leaching. 20°N - Fe oxides joints.					
36.5	37.0	SAME AS ABOVE					
37.0	37.5	CARBONATE RICH META- ARGILLITE.					
37.5	38.0	60°S - INTENSE CHLORITE SHEARS ZONE.					
38.0	38.5	pyrite & carbonate along chlorite shears.					
38.5	39.0	SAME AS ABOVE. END OF BOX-2.					

HOLE: RV-2.

DIAMOND DRILL RECORD

pg 9.

Hole No. **RV-2** Length **130.5'** CO-ORDINATES OF COLLAR
 Working Place **RATHBUN TWP** Section **39-59'** Lat.
 Date Finished **JUNE 7, 1984** Dip **VERT.** Dep.
 Purpose **Box-3** Bearing Elevation

SIGNIFICANT INTERSECTIONS

From	To	C.L.	Cu. %	Au. oz./ton	Remarks

BB-CORE (1 1/2")

From	To	DESCRIPTION	Sample No	Width		
Box-3 (SUMMARY)		QUARTZ-CARBONATE VEIN TRUE WIDTH 1 FT INTERCEPTED AT 42.0 FT. CONTACT TO DARKER, DENSER FINE GRAINED ARGILLITE (END OF CARBONATE RICH ZONE) AT 54.5 FT.			CORE RECOVERY 95%	
39.0	39.5	1/16" PYRITE CUBES. 20°N JOINTS WITH FE & CARBONATE ALTERATION.				
39.5	40.0	CARBONATE RICH ARGILLITE, 500S CHLORITE SHEARS.				
40.0	40.5	SAME WITH TR-PYRITE.				
40.5	41.0	SAME WITH INCREASED PYRITE CONTENT.				
41.0	41.5	SAME - DISSIMINATED & CLUSTERS OF PYRITE.				

Logged By *Raw. L. Vintler*

From	To	DESCRIPTION	Sample No	Width			
41.5	42.0	SAME. 50'S CHLORITE SHEARS, DISSIMINATED PYRITE. PYRITE AND CARBONATE ASSOCIATION.					
42.0	42.5	20'E FE-OXIDE COATED JOINTS, FINE PYRITE. CONTACT (HANGING WALL) TO 60'S QUARTZ-CARBONATE VEIN.			ASSAY (9)	AU	
42.5	43.0	LEACHED, UGGY, HANGING WALL TO VEIN. PY, CARB, HEM ALONG JOINTS IN QUARTZ (WHITE).			ASSAY (10)	AU	
43.0	43.5	SAME QRT-CARB VEIN			ASSAY (11)	AU	
43.5	44.0	CARBONATE STRINGERS, LENSES IN QUARTZ VEIN. HEMATITE ALONG FOOTWALL CONTACT AT 44.0' AT 60'S DIP.			ASSAY (12)	AU	
44.0	44.5	1-2" CHLORITE INCLUSIONS. PYRITE, CARBONATE RICH. FINE GRAIN CLUSTERS. 10'S FRACTURES.			ASSAY (13)	AU.	
44.5	45.0	60'S CHLORITIZED ZONE ENDS INCREASED CARB & PY CONTENT.			ASSAY (14)	AU.	
45.0	45.5	PYRITE, CARBONATE RICH.			ASSAY (15)	AU.	
45.5	46.0	70'S CHLORITE SHER ZONE.			ASSAY (16)	AU.	
46.0	46.5	10'W Fe-OXIDE JOINTS. TR-FINE PYRITE					

R-2

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From	To	DESCRIPTION	Sample No	Width			
46.5	47.0	HORIZONTAL Fe-OXIDE JOINTS. TR-PYRITE. DECREASED CARBONATE. MORE SILICIOUS.					
47.0	47.5	SAME AS ABOVE					
47.5	48.0	CHLORITE SHEARS AT RANDOM. INCREASED CARBONATE, PYRITE.					
48.0	48.5	SAME AS ABOVE. 1/16" PYRITE CRYSTALS, DISSIMINATED.					
48.5	49.0	SAME AS ABOVE. CHLORITE SHEARS. 1/16" PYRITE XLS.					
49.0	49.5	SAME. LESS PYRITE.					
49.5	50.0	600S CHLORITE SHEARS THRU CARBONATE RICH ARGILLITE. TR- FINE GRAINED PYRITE.					
50.0	50.5	ASSOCIATED PYRITE ALONG 600S SHEARS. 1/8" QUARTZ VEINLET AT 60S					
50.5	51.0	1/8" QUARTZ INCLUSIONS, TR-PY AND AU-SPECS IN CARBONATE RICH ARGILLITE.			ASSAY (17)	AU	
51.0	51.5	SAME AS ABOVE, TR-PYRITE.					
51.5	52.0	500S - CHLORITE SHEARS.					
52.0	52.5	500S - CHLORITE SHEARS.					
52.5	53.0	SHALE- TR PYRITE					
53.0	53.5	INCREASED CHLORITE INCLUSIONS, PYRITE, DARK GREEN LEACHED SPECS,					
53.5	54.0	300E CHLORITE SHEARS. PYRITE, DARK GREEN SPECS.					

R-2.

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From	To	DESCRIPTION	Sample No	Width			
54.0	54.5	60°S - CONTACT OF CARBONATE, PYRITE RICH COARSE GRAINED ARGILLITE WITH DARK GREEN FINE GRAINED META-ARGILLITE. 1/16" CHILL MARGIN AT CONTACT. TRS - BLUE METALLIC IN DARK GREEN SPECS. QUARTZ, PYRITE, CHLORITE ALONG CONTACT. CONTACT AT 54.5'					
54.5	55.0	SHEARED AT 60°S. TA-PYRITE, PYRROTITE. (NI-SULPHIDES).					
55.0	55.5	1/16" CARB-BLEBS IN DARK-GREEN META-ARGILLITE. CHLORITE SHEARS AT 60°S AND RANDOM SECONDARY RIES. TR-PYRITE.					
55.5	56.0	SAME. SOME VERTICAL CHLORITE SHEARS.					
56.0	56.5	30°W QUARTZ STRINGERS (1/16")					
56.5	57.0	50°S - CHLORITE SHEARS. RANDOM FRACTURING.					
57.0	57.5	SAME. PYRITE SPECS.					
57.5	58.0	SAME					
58.0	58.5	SAME					
58.5	59.0	SAME ⇒ DARK GREEN META- ARGILLITE. FINE GRAINED.					
		END OF BOX-3,					

HOLE: R-2.

DIAMOND DRILL RECORD

pg 13.

Hole No. **R-2** Length **130.5'** CO-ORDINATES OF COLLAR
 Working Place **RATHBUN TWP.** Section **59-79'** Lat.
 Date Finished **JUNE 7, 1984.** Dip **VERT** Dep.
 Bearing Elevation
 Purpose **BOX-4. BG-CORE (1 1/2")**

SIGNIFICANT INTERSECTIONS					
From	To	C.L.	Cu. %	Au. oz./ton	Remarks

From	To	DESCRIPTION	Sample No	Width			
59.0	59.5	FINE-GRAINED DARK GREEN METAMORPHOSED ARGILLITE, TR-PY.					
59.5	60.0	SAME AS ABOVE					
60.0	60.5	SAME, TR-CALCOPYRITE SPECS. 400S-CHLORITE SHEARS.					
60.5	61.0	SAME, TR-CALCO. CARBONATE ALTERATION. PRESENCE OF SULFUR.					
61.0	61.5	600S CHLORITE SHEARS. FINE GRAINED PYRITE, MAGNETITE, PIRROTITE, NI-SULPHIDES, TR-CALCO.					
61.5	62.0	VERT, 400S CHLORITE SHEARS. FINE GRAINED NI-SULPHIDES. TR-CALCO.					
62.0	62.5	40,500S CHLORITE SHEARS. TR-NI, Cu SULPHIDES.					
62.5	63.0	CARBONATE ALTERATION. NI, Cu-SULPHIDE TRACES. 1/8" GRANITIC INCLUSION IN ARGILLITE. (GOWANDA FORMATION TYPE).					

Hole No.

Logged By *Keith Z. Vitale*

From	To	DESCRIPTION	Sample No	Width			
63.0	63.5	70'S, 40'N CHLORITE SHEARS. CARBONATE ALTERATION, TR- NI-SULPHIDES.					
63.5	64.0	SAME, CARB-LESS ALTERED.					
64.0	64.5	TR-BLUE METALLIC.					
64.5	65.0	SAME					
65.0	65.5	SAME					
65.5	66.0	1/16" QRT-VEINLET AT 30'S.					
66.0	66.5	VERTICAL CHLORITE SHEAR.					
66.5	67.0	30'S-QRT VEINLET.					
67.0	67.5	50'S-CHLORITE SHEAR, TR-PYRITE, DISSIMINATED BLUE METALLIC.				ASSAY (18)	AY PT
67.5	68.0	60'S-CHLORITE SHEAR, TR-PYRITE, DISSIMINATED BLUE METALLIC.					
68.0	68.5	30'E-Fe OXIDE JOINTING.					
68.5	69.0	MORE SILICIOUS, 30'E JOINTING AT EVERY 3". CHLORITIZED, WATER MOVEMENT ALONG JOINTS.					
69.0	69.5	40,30,20'S AND N Fe-OXIDIZED JOINTING. EVERY 1-2".					
69.5	70.0	LESS JOINTING & FRACTURING.					
70.0	70.5	60'S CHLORITIZED SHEARS. 10'W-QUARTZ VEINLET					
70.5	71.0	CHLORITIZED ARGILLITE, HEMATITE ALONG JOINTS, TR-MAGNETITE.					

R-2,

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From	To	DESCRIPTION	Sample No	Width			
71.0	71.5	CHLORITE BRECCIA. MAGNETITE AND HEMATITE ALONG 60'S CHLORITIZED SHEARS.					
71.5	72.0	40, 50'S CHLORITE SHEARS. Fe-OXIDES ALONG JOINTS. TR-PYRITE, BLUE METALLIC, MAGNETITE, HEMATITE.					
72.0	72.5	SAME AS ABOVE. VERT-JOINTING.					
72.5	73.0	SAME					
73.0	73.5	SAME					
73.5	74.0	SAME					
74.0	74.5	SAME					
74.5	75.0	SAME					
75.0	75.5	QUARTZ, HEMATITE, MAGNETITE ALONG SHEARS.					
75.5	76.0	HIGHLY FRACTURED, CHLORITE SHEARS AT 60'S. HEMATITE ALONG FRACTURES.					
76.0	76.5	60'S, 60'E CHLORITE SHEARS. FRACTURED. TR-PYRITE, PYRROTITE.					
76.5	77.0	CHLORITIZED - VERY FINE GRAINED METAMORPHOSED ARDILLITE.					
77.0	77.5	60'S, 60'E - CHLORITE SHEARS. QRT, HEM, MAGN ALONG SHEARS.					
77.5	78.0	LESS ALTERED. VERT-SHEARS.					
78.0	78.5	SAME. VERT-JOINTS.					
78.5	79.0	60'S - CHLORITIZED SHEARS. CARBONATE, FE ALTERATION.					

END OF BOX-4.

HOLE: R-2.

DIAMOND DRILL RECORD

pg-16.

Hole No. R-2 Length 130.5' CO-ORDINATES OF COLLAR
 Working Place RATHBAN TWP. Section 79-99' Lat.
 Date Finished JUNE 7, 1984. Dip VERT Dep.
 Bearing Elevation
 Purpose BOX-5, BQ-CORE (1 1/2")

SIGNIFICANT INTERSECTIONS

From	To	C.L.	Cu. %	Au. oz./ton	Remarks

From	To	DESCRIPTION	Sample No	Width			
79.0	79.5	CHLORITIZED ARGILLITE, 30°N SHEARS.					
79.5	80.0	SAME					
80.0	80.5	50°S CHLORITE SHEARS. QUARTZ, HEM- ATITE ALONG JOINT FACES.					
80.5	81.0	SAME					
81.0	81.5	SLIGHT, CHLORITE ALTERATION AND CARBONATE ALTERATION. TR-PYRITE					
81.5	82.0	SAME					
82.0	82.5	SAME					
82.5	83.0	SAME					
83.0	83.5	UNALTERED FINE-GRAINED DARK GREEN ARGILLITE. TR-PYRITE, MAGNETITE, BEDDING 1/2" - 1/8".					
83.5	84.0	SAME					
84.0	84.5	70°S & HORZ CHLORITE SHEARS THRU BEDDING.					

Ken. L. V. Stoh

R-2

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From	To	DESCRIPTION	Sample No	Width			
84.5	85.0	TR-HEM, Fe-OXIDES ALONG JOINTS					
85.0	85.5	10°E Fe-OXIDE JOINTING. TA-MAGN					
85.5	86.0	60°S & HORIZ CHLORITE & Fe OXIDE JOINTING & SHEARS, TA-MAGNETIC.					
86.0	86.5	SAME					
86.5	87.0	SAME					
87.0	87.5	SAME					
87.5	88.0	SAME					
88.0	88.5	50°S - SHEARS					
88.5	89.0	SAME					
89.0	89.5	SAME					
89.5	90.0	SAME					
90.0	90.5	70°S - 1/16" QRT-VEINLET WITH PYRITE. CHLORITIZED.					
90.5	91.0	60°S & 40°E JOINTING. FRESH CARB- ONATE.					
91.0	91.5	SAME					
91.5	92.0	SAME					
92.0	92.5	INCREASED PYRITE, HEM, CHLORITE.					
92.5	93.0	LESS ALTERED.					
93.0	93.5	VERTICAL JOINTING.					
93.5	94.0	SAME					
94.0	94.5	CHLORITIZED. VERT & 10°E JOINTING. HEMATITE ALONG JOINT FACES.					
94.5	95.0	SLIGHTLY ALTERED. PYRITE - TRS.					

(1) R-2.

pg 18 (1)

From	To	DESCRIPTION	Sample No	Width			
95.0	95.5	SAME.					
95.5	96.0	SAME - VERT JOINTING					
96.0	96.5	SAME					
96.5	97.0	400S, 700S CHLORITIZED SHEARS AND JOINTING. TR-PY, HEM.					
97.0	97.5	SAME, VERT JOINTING.					
97.5	98.0	300N CHWATE SHEARS.					
98.0	98.5	SLIGHT CARBONATE ALTERATION.					
98.5	99.0	SLIGHTLY ALTERED DARK GREEN (FINE-GRAINED) ARGILLITE. END OF BOX-5. -NO ASSAYS IN BOX-5.					

HOLE: R-2.

DIAMOND DRILL RECORD

pg-19.

Hole No. *R-2.* Length *130.5'* CO-ORDINATES OF COLLAR
 Working Place *RATHBUN TWP.* Section *99-119'* Lat.
 Date Finished *JUNE 7, 1964.* Dip *VERT* Dep.
 Bearing Elevation
 Purpose *BOX-6, BQ-CORE (1 1/2")*

SIGNIFICANT INTERSECTIONS					
From	To	C.L.	Cu. %	Au. oz./ton	Remarks

From	To	DESCRIPTION	Sample No	Width		
99.0	99.5	CARBONATE ALTERATION IN DARK GREEN FINE-GRAINED ARBILITE.				
99.5	100.0	400S, 200N JOINTING				
100.0	100.5	CHLORITIZED - 1/8" CHLORITE INCLUSIONS. TR-PYRITE, CALCO PYRITE.				
100.5	101.0	50°S CHLORITE SHEARS. TR-CALCO.				
101.0	101.5	CHLORITE INCLUSIONS - 1/8".				
101.5	102.0	SAME				
102.0	102.5	50°S - CHLORITE SHEARS. 200N - HEM, OXIDIZED JOINT FACES.				
102.5	103.0	1/8" CHLORITE, QUARTZ INCLUSIONS. TR-PY, CALCO.				
103.0	103.5	SAME				
103.5	104.0	60°S - Fe, CHLORITE SHEARS.				
104.0	104.5	50°S - CHLORITE SHEARS. 60°E - HEM-COATED JOINTS.				
104.5	105.0	SAME				
105.0	105.5					
105.5	106.0					

Hole No.

Logged By *Russ, L. Vittala*

()

Hole: R-2.

()

Pg 20.

()

From	To	DESCRIPTION	Sample No	Width			
106.0	106.5	SAME.					
106.5	107.0	PY-RICH CHLORITE SHEAR-50°S.					
107.0	107.5	50°S CHLORITE SHEARS THROUGH OUT SECTION.					
107.5	108.0						
108.0	108.5						
108.5	109.0	60°S- $\frac{1}{16}$ " QRT VEINLET, Fe-CARB ALTERATION ALONG 50°W SHEARS.					
109.0	109.5	CHLORITIZED ARGILLITE					
109.5	110.0	SAME					
110.0	110.5	SAME					
110.5	111.0	SAME					
111.0	111.5	60°S-CHLORITE SHEARS. TR-PY, CALCO, HEM.					
111.5	112.0	SAME					
112.0	112.5	SAME					
112.5	113.0	SAME.					
113.0	113.5	$\frac{1}{16}$ "-50°S-QRT STRINGERS. TR-PY, CALCO.					
113.5	114.0	SAME					
114.0	114.5	VERT-CHLORITE SHEARS. Fe-C CARBONATE ALTERATION.					
114.5	115.0	SAME					
115.0	115.5	SAME					
115.5	116.0	$\frac{1}{16}$ "-60°S QRT-VEINLET. TR-PY, CALCO, AU-SPECS ALONG CHLORITIZED SHEAR FACES.					

N-2

pg 21.

From	To	DESCRIPTION	Sample No	Width			
116.0	116.5	SAME. TR-PY, AU-SPECS IN CHLORITIZED SHEAR FACES		ASSAY #19. SECTION 115.5 TO 116.5'	AU.		
116.5	117.0	SAME					
117.0	117.5	SAME.					
117.5	118.0	50 ⁰⁰ S - 1/16" QRT VEINLETS ALONG CHLORITE SHEARS.					
118.0	118.5	SAME					
118.5	119.0	SAME					
		END OF BOX-G.					

Hole: R-2.

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DIAMOND DRILL RECORD

Hole No. **R-2** Length **130.5'** CO-ORDINATES OF COLLAR
 Working Place **RATHBUN TWP.** Section **119-130.5'** Lat.
 Date Finished **JUNE-7, 1984.** Dip **VERT** Dep.
 Bearing Elevation
 Purpose **BOX-7, BB-CORE (1 1/2").**

SIGNIFICANT INTERSECTIONS

From	To	C.L.	Cu. %	Au. oz./ton	Remarks

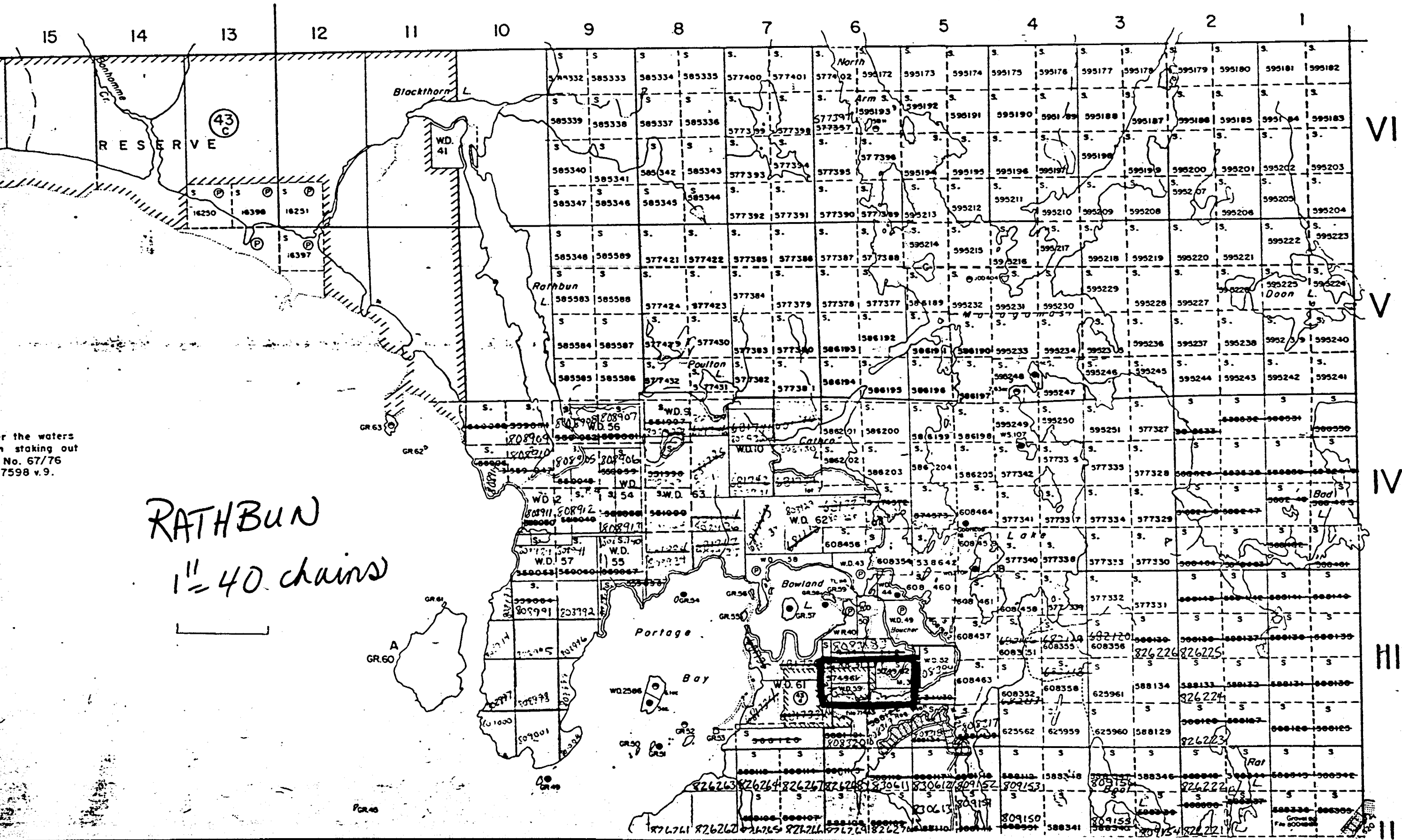
From	To	DESCRIPTION	Sample No	Width		
119.0	119.5	500S - CHLORITE, SERPENTINE SHEARS,				
119.5	120.0	CHLORITIZED - 500S,				
120.0	120.5	TR-PY.				
120.5	121.0	TR-PY.				
121.0	121.5	TR-AU SPECS IN CHLORITE.		ASSAY	Au	
121.5	122.0	400S, 200W CHLORITE SHEARS,		#(20)		
122.0	122.5	TR-MARCASITE, PY, AU-SPECS.		SECTION		
				121.5 TO	122.5.	
122.5	123.0	300S-, VERT-CHLORITE SHEARS. TR-AU SPECS TO 123.0'				
123.0	123.5	SAME, BUT NO AU-SPECS.				
123.5	124.0	TR-PYRITE ALONG JOINTS.				
124.0	124.5	200, 700S - CHLORITE SHEARS				
124.5	125.0	WITH TR-PY, MARCASITE, FO, ALONG				
125.0	125.5	SHEAR FACES.				
125.5	126.0	-SERPENTING ALONG SHEARS. -FINE GRAINED DARK-GREEN ALTERED ARDILLITE.				

Hole: R-2.

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From	To	DESCRIPTION	Sample No	Width			
126.0	126.5	SAME.					
126.5	127.0	400S, VERT-CHLORITE SHEARS. AN-SPECS & PY ALONG FACES. 1/8" CHLORITE INCLUSIONS.		ASSAY #21	AU		
127.0	127.5			SECTION 126.5-127.5.			
127.5	128.0	CHLORITIZED AT 400S, SHEARED.					
128.0	128.5	FINE-GRAINED					
128.5	129.0	NO VISIBLE AN-SPECS OR PY.					
129.0	129.5	300S, 30°N CHLORITE FRACTURED, SHEARS. TR-PY, MARCASITE.					
129.5	130.0	400S CHLORITE SHEARS IN					
130.0	130.5	META-FINE GRAINED ARGILLITE. TR-PY. VERTICAL SHEARS.					
		END OF HOLE AT 130.5 FT.					

MACKELCAN TWP. M.840



for the waters
staking out
No. 67/76
7598 v.9.

RATHBUN
1" = 40 chains

VI

V

IV

III

KELLY TWP. M.963



411 155E0061 RATHBUN36 RATHBUN

900

85-24
Ministry of Natural Resources
Report of Work
Ontario

RATHBUN TWP
(NW-1071)
The Mining Act

FILED - 574961
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 REINO, L. VIITALA, RR-17, THUNDER BAY, ONT. P7B-6C2,	Prospector's Licence No. C-32251
---	--

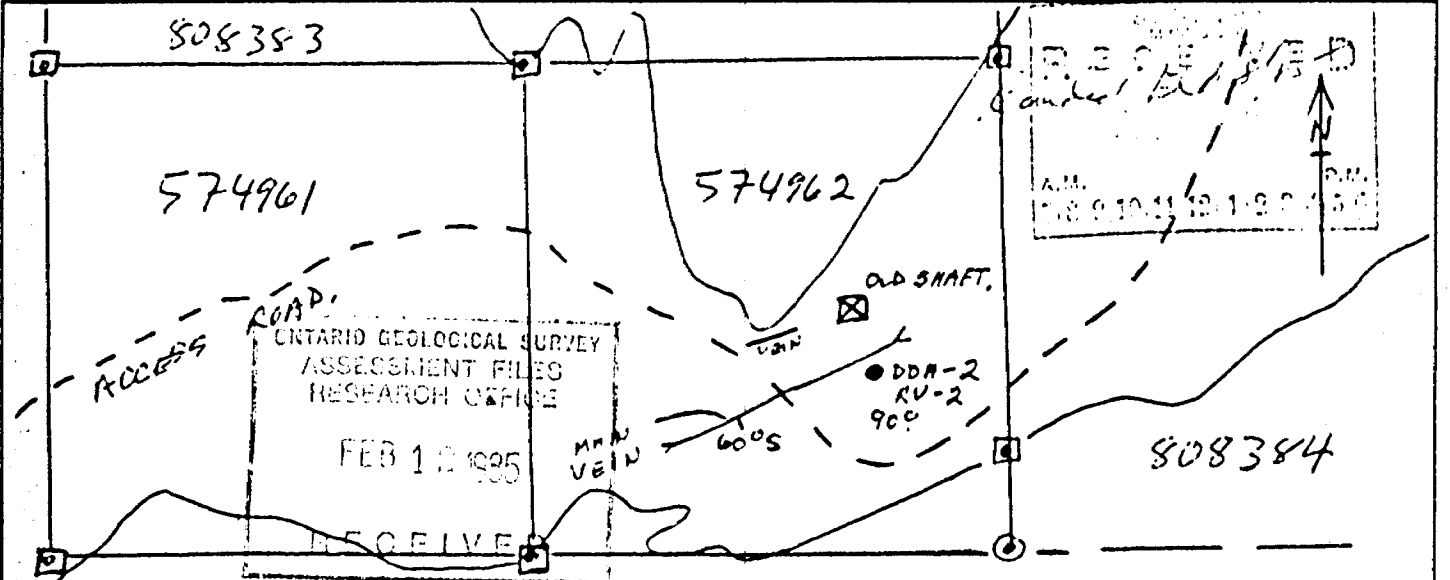
Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 130.4	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
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									
		574961	32.6						
		574962	32.6						
		808383	32.6						
	808384	32.6							

WORK ASSIGNMENT:
5-574962 = 97.8
BAW. 20382

All the work was performed on Mining Claim(s): **574961 AND 574962, WORK PERMIT #215**

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



Date of Report Feb 6/1985.	Recorded Holder or Agent (Signature) Reino L. Viitala
--------------------------------------	---

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 - SAME -	Date Certified Feb 6/85.	Certified by (Signature) Reino L. Viitala
---	------------------------------------	---

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 and/or operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.			
Power Stripping	Type of equipment 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.	Work Sketch (as above) in duplicate
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil



The Mining Act

Name and Postal Address of Recorded Holder REINO, L. VIITALA RR-17, THUNDER BAY, ONT.	Prospector's Licence No. C-32251 P7B-6C2
---	--

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	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									
		574961	32.6						
		574962	32.6						
		508383	32.6						
		508384	32.6						

All the work was performed on Mining Claim(s): **574961 and 574962. WORK PERMIT H218**

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

DRILLING IS B&B - 1 1/4" CORE SIZE.
BY. ROBERT AND MARK TURCOT
P.O. MARKSTAY, ONT. PDM-3CD.

DATES: MAY 30/84 TO JUNE 14/84.
DDH-R1-2 COMPLETED TO 130.5 FT ON JUNE 7, 1984.

Date of Report: **Feb 6 1985**
 Recorded Holder or Agent (Signature): *Reino L. Viitala*

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:
- SAME -

Date Certified: **Feb 6/85**
 Certified by (Signature): *Reino L. Viitala*

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.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil