

DIAMOND DRILLING



52J07SE9223 52J07SE34D1 JUTTEN

010

Township: Jutten Twp (Evans Lake)

Report No:

WORK PERFORMED FOR: Bird River Mines Ltd

RECORDED HOLDER: SAME AS ABOVE [X]

: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
pa. 309417	1	708'	72	
pa. 202294	2	278'	72	
pa. 202294	3	218'	72	
pa. 202293	4	38'	72	
pa. 202296	5	168'	72	
pa. 202296	6	208'	72	
pa. 309417	<u>7</u>	<u>348'</u>	72	
TOTAL	7 DH	1966'		

NOTES:

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DIAMOND DRILL RECORD

Hole No <u>1</u>	Sheet No <u>1</u>	Started <u>March 13, 1972</u>	Completed <u>March 18, 1972</u>
Location <u>6+00N, 2+75E (B.L.)</u>	Latitude _____	Departure _____	Elevation _____
Bearing <u>Southwest</u>	Dip <u>52°</u>	Length <u>708'</u>	
Purpose <u>To test E.M. conductor</u>			

FOOTAGE		LOGGED BY: Dr. D.T. Anderson	CORE A.g.								
From	To	Description	Sample No	Footage		Width	Cu	Ni	Zn	Ag	Cd
				From	To						
0	47.0'	Casing in overburden									
47.0	708.0	Fine-grained dark green chlorite greenstone									
		72.0' - 75.0' - white massive quartz									
		@82.0' - minor native copper in slip planes									
		@419.0' - slight shearing									
		498.0' -505.0' - dense grey quartz-feldspar porphyry									
	708.0	End of hole									



DIAMOND DRILL HOLE No 1 - @ 52°
Collar location 600'N - 275'E (0-0 Base Line)
Scale: 1" = 100'

DDH No. 1

Surface

47' CASING

72' White massive quartz.

82' Minor native copper in slip planes.

SECTION
FACING - SOUTH EAST

Fine-grained dark green chloritic greenstone.

419' Slight shearing

Scale
100'

505' Dense grey quartz, feldspar, porphyry.

BIRD RIVER MINES
SAVANT LAKE OPTION
Julien Township
ONTARIO



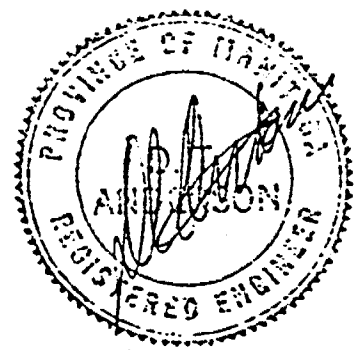
700' END OF HOLE

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DIAMOND DRILL RECORD

Hole No. <u>2</u>	Sheet No. <u>1</u>	Started <u>March 19, 1972</u>	Completed <u>March 20, 1972</u>
Location <u>9+85S, 30+05E (Main B.L.)</u>	Latitude _____	Departure _____	Elevation _____
Bearing <u>Southeast</u>	Dip <u>35°</u>	Length <u>278'</u>	
Purpose <u>To test E.M. conductor</u>			

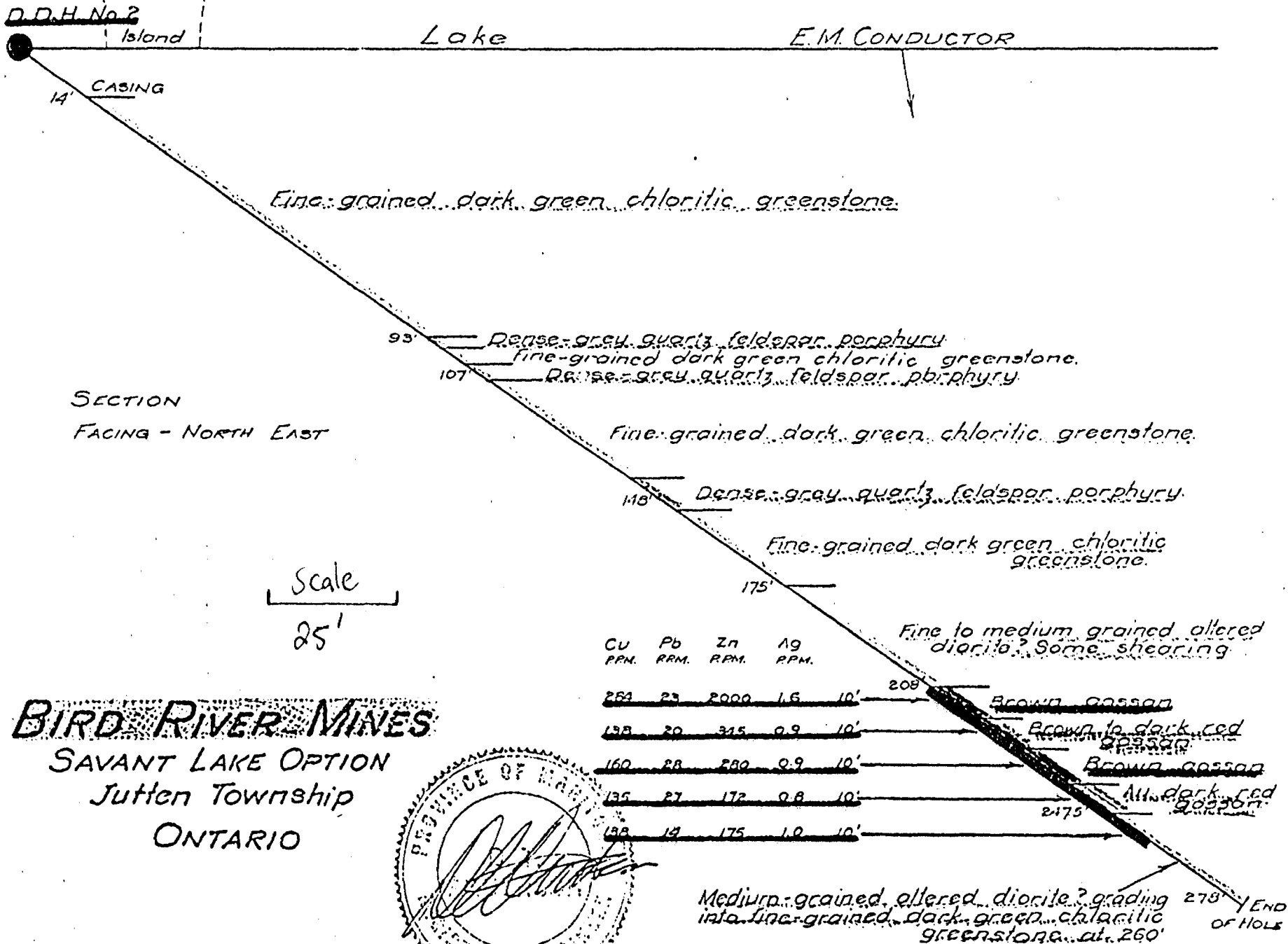
FOOTAGE		LOGGED BY: D.T. Anderson	CORE A.g.								
From	To	Description	Sample No.	Footage		Width	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Cd
				From	To						
0	14.0'	Casing in overburden									
14.0'	175.0'	Fine-grained dark green chlorite greenstone @25.0' - minor pyrite-pyrrhotite to 50.0' - minor 12"-18" siliceous zones 92.0' - 94.0' - dense grey quartz-feldspar porphyry 102.0' - 107.0' - dense grey quartz-feldspar porphyry 137.0' - 148.0' - dense grey quartz-feldspar porphyry									
175.0'	208.0'	Fine to medium-grained altered diorite? sl. shearing									
208.0'	247.5'	Brown to brownish-red gossan siliceous residue origin? some core lost 208.0' - 218.0' - brown sludge 17 oz recovered 218.0' - 228.0' - brown-red sludge 26 oz recovered 228.0' - 238.0' - brown sludge 22 oz recovered 238.0' - 248.0' - red sludge 4 oz recovered 248.0' - 258.0' - red sludge 12 oz recovered	569 570 571 572 573	208.0' 218.0' 228.0' 238.0' 248.0'	218.0' 228.0' 238.0' 248.0' 258.0'	10'lost 4 10'lost 7 10'lost 7 10'lost 4 10'	284 138 160 135 138	23 20 28 27 14	2000 345 280 172 175	1.6 0.9 0.9 0.8 1.0	
247.5'	278.0'	Medium-grained altered diorite? grading into fine-grained dark green chlorite greenstone at 260'									
	278.0'	End of hole									



DIAMOND DRILL HOLE No. 2 - @ 35°

Collar location 3005'E-985'S - Main Base Line

Scale: 1" = 25'

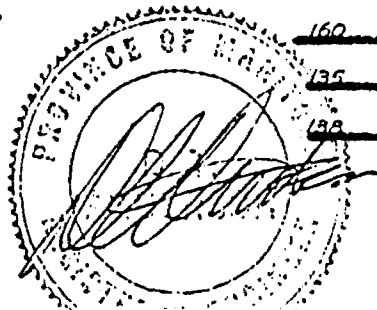


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Jutten Township

ONTARIO

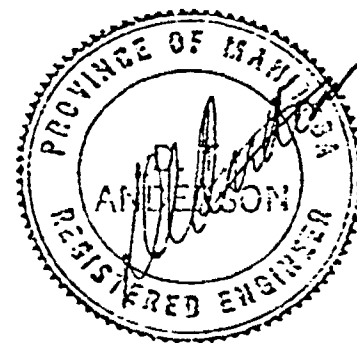


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DIAMOND DRILL RECORD

Hole No. <u>3</u>	Sheet No. <u>1</u>	Started <u>March 21, 1972</u>	Completed <u>March 23, 1972</u>
Location <u>13+75S, 31+73E (Main B.L.)</u>	Latitude _____	Departure _____	Elevation _____
Bearing <u>southeast</u>	Dip <u>35°</u>	Length <u>218'</u>	
Purpose <u>To test E.M. conductor</u>			

FOOTAGE		LOGGED BY: D.T. Anderson	CORE A.q.								
From	To	Description	Sample No.	Footage		Width	Cu	Ni	Zn	Ag	Cd
				From	To						
0	22.0'	Casing in overburden									
22.0	59.0'	Fine-grained dark-green chlorite greenstone									
59.0	63.0'	Dense grey quartz-feldspar porphyry									
63.0	153.5'	Fine-grained dark-green chloritic greenstone 120.0' - 128.0' - shear zone 6.5' core lost 148.0' - 153.5' - shear zone 2.5' core lost									
153.5	158.5'	Fine-grained red stained acid dyke									
158.5	218.0'	Fine-grained dark-green chloritic greenstone 158.5' - 165.0' - shear zone 2.5' core lost									
	218.0'	End of hole.									



DIAMOND DRILL HOLES No 3 - @ 35°

Collar location 3173E - 1375S - Main Base Line

Scale: 1" = 25'

O.D.H. No 3

Lake

22' CASING

Fine-grained dark green chloritic greenstone

59' Dense grey quartz feldspar porphyry

SECTION
FACING - NORTH EAST

Scale

25'

Fine-grained dark green chloritic greenstone

120' — Shear zone, 6.5' core lost.

128'

148' — Shear zone, 2.5' core lost.

153.5'

Fine-grained red stained
acid dake

165' — Shear zone, 2.5' core lost.

Fine-grained dark
green chloritic
greenstone.

218' END OF HOLE

BIRD RIVER MINES

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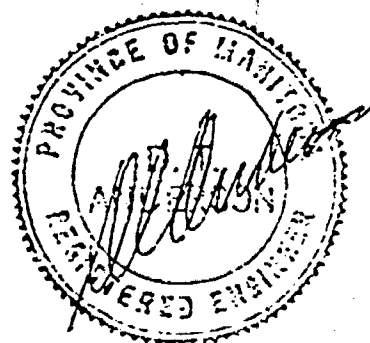


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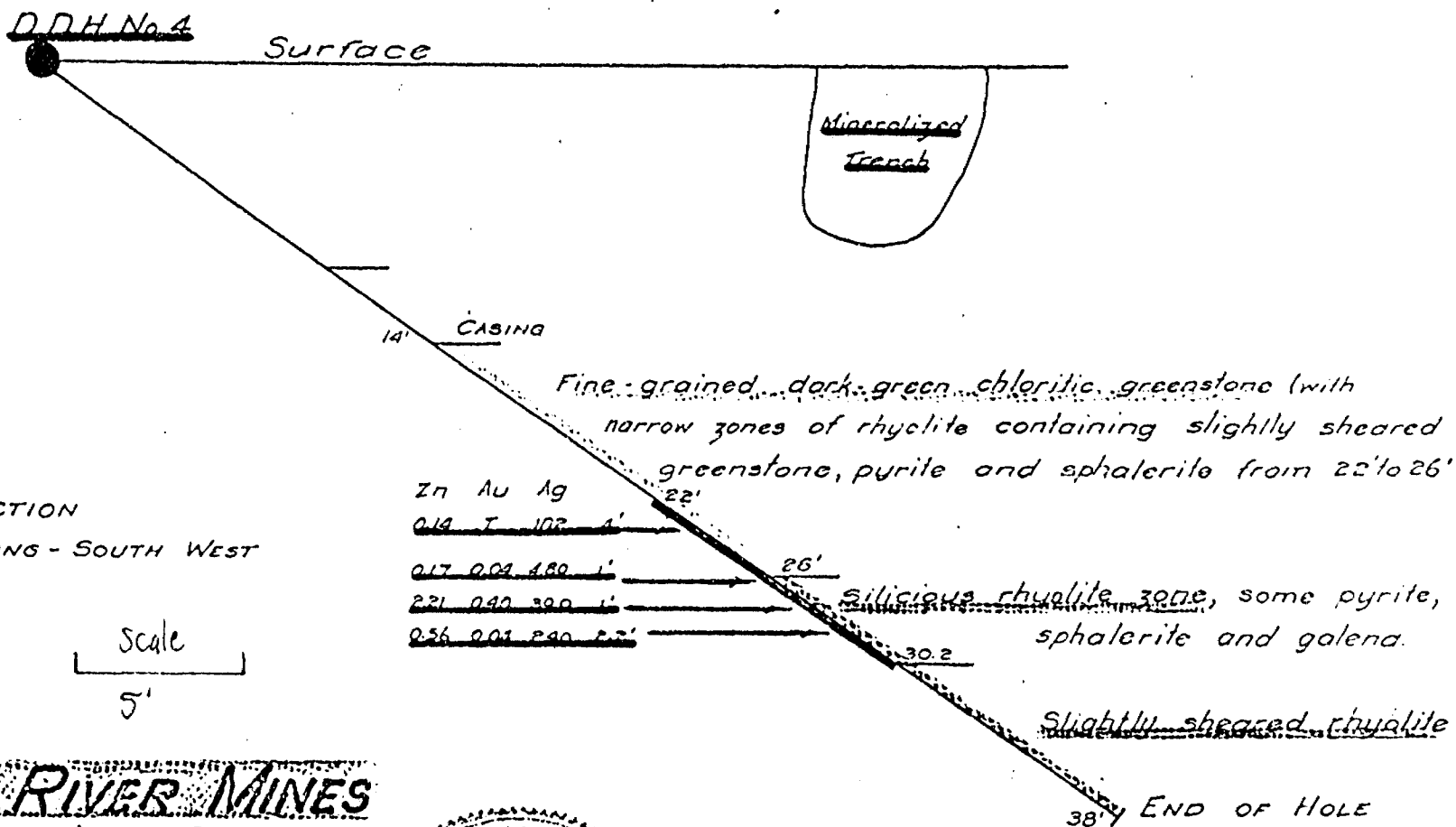
DIAMOND DRILL RECORD

Hole No. <u>4</u>	Sheet No. <u>1</u>	Started <u>March 23, 1972</u>	Completed <u>March 23, 1972</u>
Location <u>2+20S, 21+00E (Main B.L.)</u>	Latitude _____	Departure _____	Elevation _____
Bearing <u>north-west</u>	Dip <u>35°</u>	Length <u>38'</u>	
Purpose <u>To test beneath mineralized trench</u>			

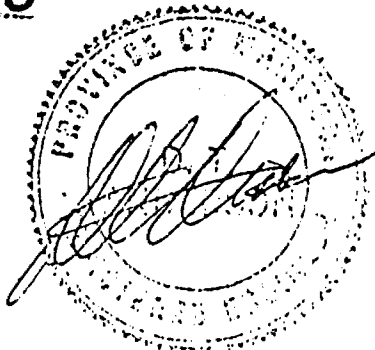
FOOTAGE		LOGGED BY: <u>D.T. Anderson</u>	CORE A.g.								
From	To	Description	Sample No.	Footage		Width	Cu	Ni Au oz/ton	Zn	Ag oz/ton	Cd
				From	To						
0	14.0'	Casing in overburden									
14.0'	26.0'	Fine-grained dark-green chloritic greenstone with narrow zones of rhyolite containing pyrite and sphalerite from 22.0 - 26.0'	312	22.0'	26.0'	4'		Trace	0.14	1.02	
26.0'	30.2'	Siliceous rhyolite zone, some pyrite, sphalerite and galena	313	26.0'	27.0'	1'		0.04	0.17	4.80	
			314	27.0'	28.0'	1'		0.40	2.21	39.00	
30.2'	38.0'	Slightly sheared rhyolite	315	28.0'	30.2'	2.2'		0.04	0.56	2.40	
	38.0'	End of hole									



DIAMOND DRILL HOLE No. 4 @ 35°
 Collar location 2100'E - 220'S - Main Base Line
 Scale: 1" = 5'



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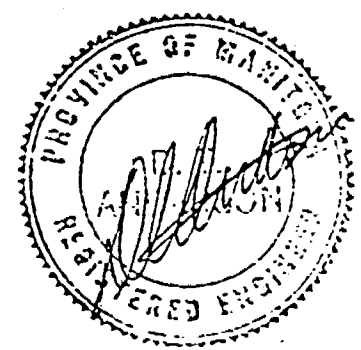


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DIAMOND DRILL RECORD

Hole No <u>5</u>	Sheet No <u>1</u>	Started <u>March 25, 1972</u>	Completed <u>March 25, 1972</u>
Location <u>51+00E 6+30S (Main B.L.)</u>	Latitude _____	Departure _____	Elevation _____
Bearing <u>North-west</u>	Dip <u>37°</u>	Length <u>168'</u>	
Purpose <u>To test E.M. conductor</u>			

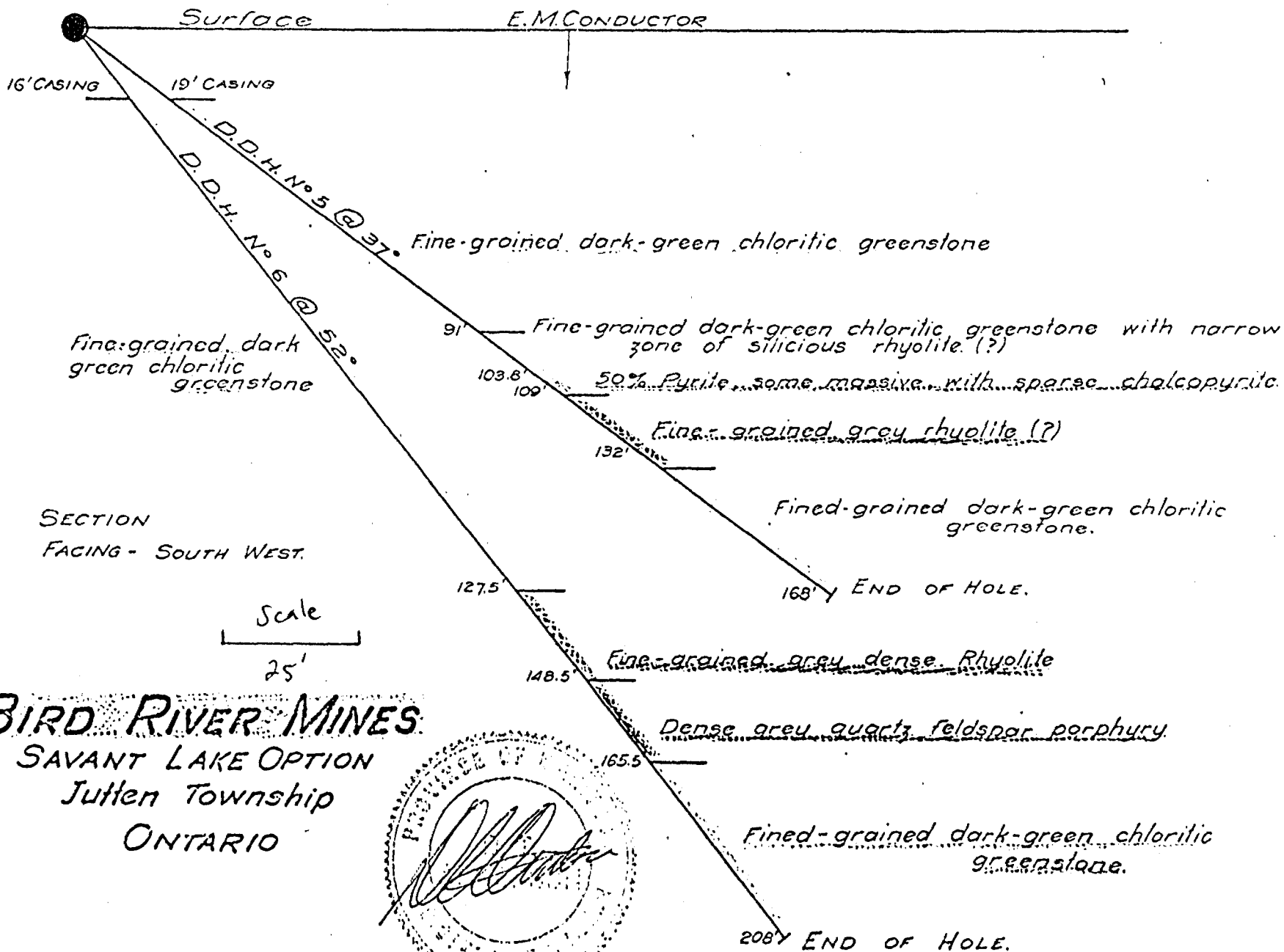
FOOTAGE		LOGGED BY : D.T. Anderson	CORE A.g.								
From	To	Description	Sample No	Footage		Width	Cu	Ni	Zn	Ag	Cd
				From	To						
0	19.0'	Casing in overburden									
19.0'	91.0'	Fine-grained dark-green chloritic greenstone									
91.0'	109.0'	Fine-grained dark-green chloritic greenstone with narrow zones of siliceous rhyolite (?) 100.1' - 103.8' - 50% pyrite, some massive with sparse chalcopyrite									
109.0'	132.0'	Fine-grained grey rhyolite(?)									
132.0'	168.0'	Fine-grained dark-green chloritic greenstone									
	168.0'	End of hole.									



DIAMOND DRILL HOLES Nos 5 & 6

Collar locations 5100E - 630S - Main Base Line

Scale: 1" = 25'



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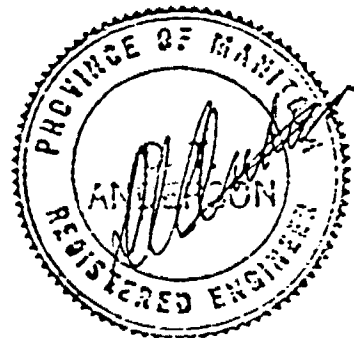


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DIAMOND DRILL RECORD

Hole N ^o <u>6</u>	Sheet N ^o <u>1</u>	Started <u>March 25, 1972</u>	Completed <u>March 26, 1972</u>
Location <u>51+00E 6+30S (Main B.L.)</u>	Latitude _____	Departure _____	Elevation _____
Bearing <u>North-west</u>	Dip <u>52°</u>	Length <u>208'</u>	
Purpose <u>To test E.M. conductor</u>			

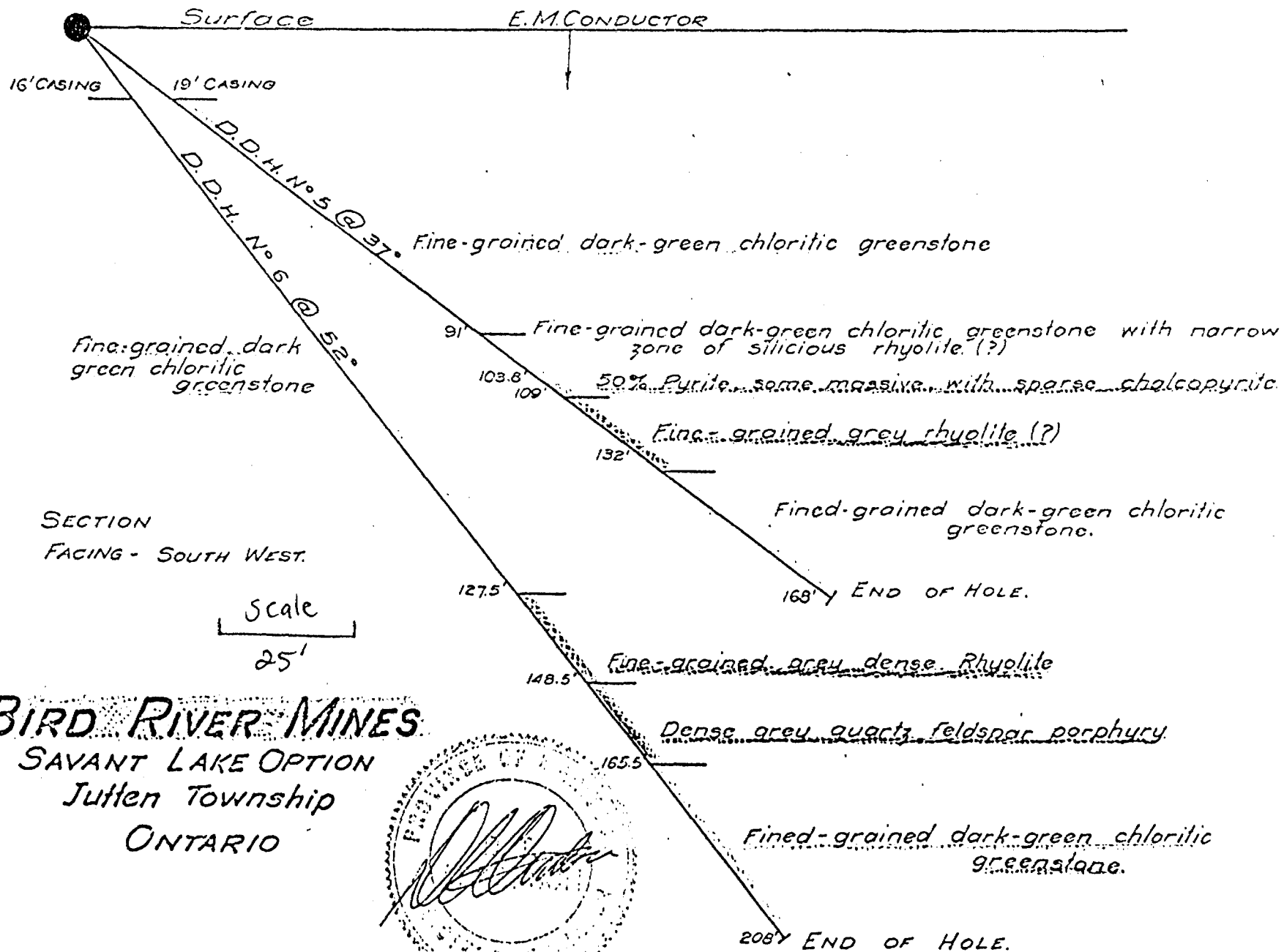
FOOTAGE		LOGGED BY : D.T. Anderson	CORE A.q.								
From	To	Description	Sample N ^o	Footage		Width	Cu	Ni	Zn	Ag	Cd
				From	To						
0	16.0'	Casing in overburden									
16.0	127.5'	Fine-grained dark-green chloritic greenstone									
127.5'	148.5'	Fine-grained grey dense rhyolite									
148.5'	165.5'	Dense grey quartz feldspar porphyry									
165.5	208.0'	Fine-grained dark-green chloritic greenstone									
	208.0'	End of hole.									



DIAMOND DRILL HOLES Nos 5 & 6

Collar locations 5100E - 6305 - Main Base Line

Scale: 1" = 25'



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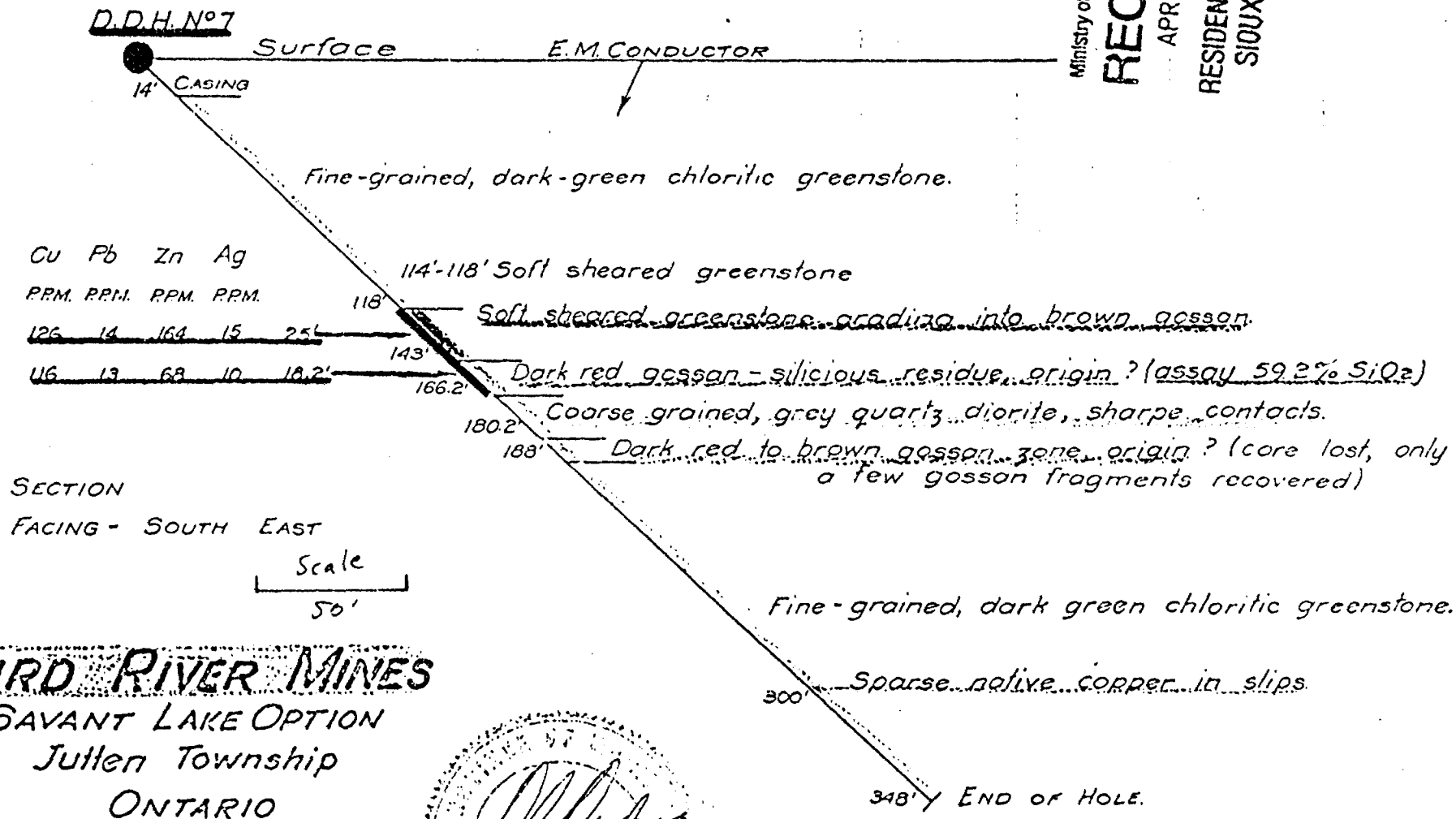
DIAMOND DRILL HOLE No 7 @ 43°
 Collar location 26'W-140'N (0-0 Base Line)
 Scale 1" = 50'

Ministry of Natural Resources

RECEIVED

APR 25 1983

RESIDENT GEOLOGIST
 SIOUX LOOKOUT





52J07SE9223 52J07SE34D1 JUTTEN

900

FOR ADDITIONAL INFORMATION REGARDING CLAIM NO.:

PA 202293

PA 202294

PA 202296

PA 309417

SEE MAP: 52J/07SE-0029-A1, #1