

52J07NW8930 11 ARMIT LAKE

010

DIAMOND DRILLING

Area of ARMIT LAKE

Report No. 11

Work performed by:

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
Pa. 17821	2	404'	Feb/58	
Pa. 17664	3	367'	Feb/58	
17664	4	462'	Feb/58	
Pa. 17659	7	518'	Mar/58	
TOTAL		4 DH	1751 FT.	

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON

HOLE NO. 2

SHEET NUMBER 1

SECTION FROM 0.0 TO 139.5'

STARTED 18 Feb. 1958

LATITUDE Post # 1,17821

DATUM -

COMPLETED 21 Feb. 1958

DEPARTURE 00'

BEARING N.E., parallel to line B

ULTIMATE DEPTH 405.0 ft.

ELEVATION -

DIP at collar: -45 degrees (No dip tests)

PROPOSED DEPTH 550 ft.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0.0	Casing				
17.0	DIORITE: POSSIBLY recrystallised basic volcanic (hornblende porphyries showing alignment at 75 degra. to core); quartz stringers associated with stringers of pyrite and pyrrhotite containing inclusions of sphalerite, lesser amounts of chalcopyrite and bornite. Chloritised from 29.4' to 31.2'				
31.2	TUFF: brecciated, silicified, chloritised, irregular blobs of pyrrhotite and sphalerite, some galena and chalcopyrite				
45.5	As from 31.2' to 45.5', but irregularly shaped lenses and stringers of magnetite, content estimated at not more than 10%.				
52.3	IRON FORMATION: banded, 70 degrees to core, quartz bands; spottily mineralised with SPHALERITE and pyrrhotite (slightly magnetic) as at 77.0' to 78.1' Visual estimate of magnetite content: 60%.				
78.1	Low magnetite content; sulphide-zones occur at 95.3' to 98.9' and 97.5' to 98.1'				
102.9	BASIC TUFF: fine-grained, holocrystalline, quartz veinlets up to 2" along core, remnants of mafic material in the quartz with pyrrhotite inclusions 132.1: Fracture at 75 degrees to core, chloritised, pyrite and pyrrhotite filling fracture.				
135.7	TUFF: silicified, chloritised at contact; quartz concretions with sulphide inclusions (sphalerite, pyrrhotite, chalcopyrite & pyrite) 138.4: Foliated, micaceous zone, core shattered from 139.1' to 139.5'				

N.M.P. - TORONTO - STOCK FORM NO. 801 REV. 12/51

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SIGNED

D. A. Beaton

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 2

SHEET NUMBER 2 SECTION FROM 140.2' TO 216.9' STARTED _____
 LATITUDE As previous DATUM - COMPLETED _____
 DEPARTURE " " BEARING As prev. ULTIMATE DEPTH _____
 ELEVATION - DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	Drag folds, with sulphide mineralisation occurring at crests of folds.				
	143.9'-145.0': Core shattered.				
	146.3'-147.2': " " & chloritised				
150.0	Magnetite occurs sporadically in bands measuring up to 2" along core, some as vesicular inclusions in the tuffaceous material; 128' chloritised zone. Visual estimate of magnetite content: 15%.				
183.4	BASIC DYKE, medium grained holocrystalline, chilled edges				
184.4	TUFF, description as from 150'-183.4'				
186.5	BASIC DYKE				
188.7	IRON FORMATION, angle of contact is indistinct; the magnetite occurs as bands measuring up to 3' along the core; small amounts of pyrrhotite and sphalerite as inclusions in quartz vesicles and as lath-like inclusions in the magnetite Visual estimate of magnetite content: 40-50%				
216.9	Chloritised zone, possibly slip-zone (slickensides), pyrite in slip-zone.				
	From 250' the magnetite grade is increasingly higher to near massive in places such as 255.6'-268.5' and 273.3'-285.2', where it is estimated at more than 70%. Sulphide impurities seem to				

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON

HOLE NO. 2

SHEET NUMBER 3

SECTION FROM 221.0 TO 404.0'

STARTED _____

LATITUDE As previous

DATUM _____

COMPLETED _____

DEPARTURE " "

BEARING _____

ULTIMATE DEPTH _____

ELEVATION -

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	absent in these rich zones, though minor quantities of pyrite were noted where the quartz-content is higher. At times the quartz occurs as rounded inclusions in the magnetite bands, whereas some magnetite is contained in the centre of vesicles in the quartz-feldspar bands. Visual estimate of magnetite content: 50 %				
	BASIC DYKES of various widths cut the iron formation. They are a dark-green medium grained holocrystalline rock. The dykes occur at the following footages:				
	268.5-270.1 : Secondary quartz with hornblende inclusions dyke cuts formation at 75 degrees				
	273.9-274.0 : Stringer of basic dyke material				
	285.7-286.0 : " " " " "				
	288.1-290.0 : Basic dyke				
	A fracture at 50 degrees to the core cuts the formation at 298.1', calcite and quartz occur as coarse crystal growths along the fracture walls.				
	Visual estimate of average magnetite content from 250'-300': 55%				
300.4	DIORITE: distinct cut-off at 70 degrees to the core, fine-grained phase from 300.4-304', thereafter coarse grained rock, porphyritic				
404.0	END OF HOLE.				

N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 3

SHEET NUMBER 1 SECTION FROM 0.0' TO 154.3' STARTED Feb 22 1958
 LATITUDE Post # 1.17664 DATUM - COMPLETED Feb 24 1958
 DEPARTURE 550' East BEARING East ULTIMATE DEPTH 450 feet
 ELEVATION - DIP At collar: - 45 degrees; At 367': -41° PROPOSED DEPTH 367 "

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLURRY GOLD
0.0	Casing				
5.0	DIORITE: porphyritic (hornblende porphyries)				
	Quartz vein at 16.1' at 55 degrees to core & 2" along core.				
	Finer holocrystalline texture from 70.0', quartz stringers, narrow fractures at 70 degrees to core, carrying stringers of sulphides (chalcopyrite, sphalerite, pyrite)				
76.7	TUFF: silicified, drag-folding, brecciated to 78' with inclusions of diorite. The magnetite occurs as narrow contorted bands and as rounded inclusions in quartz. The quartz also carries laths and disjointed stringers of pyrite and sphalerite.				
79.2	BASIC DIKE;				
80.8	IRON FORMATION: quartz-feldspar and magnetite bands, veinlets of pyrrhotite in quartz Visual estimate of magnetite content: 50-60%				
86.6	DIORITE: possibly basic dioritised tuff, narrow fractures with sericite-calcite filling; irregularly shaped quartz inclusions. Disseminated pyrrhotite observed in places.				
154.3	IRON FORMATION: contact at 57 degrees to core; formation is banded, dragfolding in places. Near massive replacement type mineralisation occurs from 165.4' to 166.2'. The angle at which the core cuts the formation appears to steepen to 15 degrees to core;				

N.M.P. TORONTO-STOCK FORM NO. 901 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON

HOLE NO. 3

SHEET NUMBER 2

SECTION FROM 154.3' TO 210.0'

STARTED _____

LATITUDE As previous

DATUM -

COMPLETED _____

DEPARTURE " "

BEARING East

ULTIMATE DEPTH _____

ELEVATION -

DIP -

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
	Narrow stringers of chalcopyrite and sphalerite occur at the magnetite-quartz boundaries				
164.5	BASIC DYKE: AGGREGATE of fine-grained crystals of magnetite observed in the dyke.				
165.6	IRON FORMATION: Well banded, narrow, alternate bands of magnetite and quartz				
167.2	BASIC DYKE, medium grained, dark-green, secondary quartz and calcite; dyke cuts core at 15 degrees.				
179.2	IRON FORMATION: near-massive magnetite, rounded quartz inclusions, some of the latter carrying magnetite at centres, some chloritised mafics.				
192.5-192.7	Graphitic, chloritised zone.				
195.5	DIORITE: contact at 30 degrees to core, micaceous near contact.				
198.5'-198.7'	band of pyrite in chloritised rock				
198.9	IRON FORMATION: Well banded, silica and magnetite bands more than 60 % magnetite				
200.8	BASIC DYKE				
210.0	IRON FORMATION: well banded, magnetite occurs as regular narrow bands alternating with varying feldsp, silica bands. Banding is at 40 degrees to core. The magnetite content is low				
	Tongues of BASIC DYKES occur at 215.9'-216.1' & 217.0'-217.2'				

N.M.P. - TORONTO - STOCK FORM NO. 901 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. #3

SHEET NUMBER 3 SECTION FROM 210.0 TO 367.0 STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
	Occasional sulphide stringers as inclusions in the magnetite. From 223' brecciated, irregular quartz-mafic masses with sulphide mineralisation (sphalerite, chalcopyrite and pyrrhotite), disseminated and as aggregate bands Visual estimate of magnetite content: 60%				
224.2	DIORITE, fine-grained				
275.6	INTERMEDIATE TUFF: finegrained quartz with disseminated coarser feldspar. The magnetite content is low, occurring at intervals in narrow bands 277.5-278.8: Sulphide zone, pyrite and pyrrhotite occurring as bands and laths at quartz-mafic boundaries 297.7': Short garnetiferous zone, narrow pyrite band				
299.7	DIORITE: fine-grained at contact, generally coarse, porphyritic				
309.0	BASIC TUFF: Weak banding				
319.0	DIORITE				
367.0	END OF HOLE.				

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SIGNED *N. Bealen*

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 4

SHEET NUMBER 1 SECTION FROM 0.0 TO 100.3 STARTED Feb. 27 1958
 LATITUDE Post # 1-17664 DATUM - COMPLETED Mar. 2 1958
 DEPARTURE 603' West BEARING East ULTIMATE DEPTH 462 feet
 ELEVATION - DIP At 0.0 ft: -40; At 462': -33 PROPOSED DEPTH 450 "

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0.0	Casing				
13.0	TUFF: silicified, concretionary, ash-beds, pyrite and pyrrhotite in vugs and bands; narrow fractures near surface containing iron oxides, micaceous, rounded inclusions of off-white med. sized crystals (leucoxene?); bands show contortions. 48.5: Brecciated, chloritised zone.				
60.5	BASIC TUFF: finer, holocrystalline texture, leucoxene(?) crystals, rounded quartz inclusions; 71.1'-73.4': brecciated, chloritised zone with bands of pyrrhotite.				
73.4	TUFF: silicified, chloritised; 75.5'-76.3': brecciated; 76.3'-88.3': basic tuff: foliated, micaceous, irregularly shaped blobs of pyrrhotite.				
88.3	TUFF: silicified, micaceous, chloritised zone at contact with basic tuff; contact at 30 degrees to core; rock is brecciated for about a foot at contact; banded, tuffitic texture, drag-folding; feldspars occur as fine-grained crystals set in quartzitic groundmass occasionally associated with blobs of pyrrhotite. 97.5'-98.9': Ash bed, "spotty" appearance, disseminated coarse pyrrhotite, minor chalcopryite. 98.9'-100.3': Basic tuff; fine-grained, holocrystalline-leucoxene(?) inclusions.				
100.3	TUFF: silicified, banded; 101.5-104.5: SULPHIDE ZONE; brecciated and garnetiferous; the mafic material appears to have been chloritised and the sulphides				

N.M.P. TORONTO-STOCK FORM NO. 901 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 4

SHEET NUMBER 2 SECTION FROM 100.3' TO 166.5' STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	occur as inclusions in these (PYRRHOTITE, SPHALERITE, little CHALCO-PYRITE)				
	104.5: Drag-folding, contorted; narrow bands of MAGNETITE, also occurring as inclusions in mafics. The magnetite content is low, through increasingly higher to 137.6'. The tuff is chloritised and contains garnets from 127' to 136'. Some feldspars are kaolinitised and occasionally contain blobs of magnetite as inclusions				
137.6	IRON FORMATION: banded; contorted bands and concretions. The general trend of the bands is at 30 degrees to the core. The bands become wider with depth. A minor amount of pyrite occurs as inclusions. 142.3'-142.4': Band of chloritised material.				
	150.8' - 151.5': Tongue of basic dyke; texture: glassy				
	152.0' - 152.5': Quartz-vein, fractured with hornblende crystals as inclusions. A number of narrow parallel fractures with quartz filling occur at 60 degrees to the core. They are slip-zones, with minor movement having taken place along them. The magnetite bands also show this movement. Concretions contain quartz and concentric "rings" of magnetite. VISUAL ESTIMATE OF MAGNETITE CONTENT: 60%				
	166.5': Zone of intense folding and chloritisation, occasionally (narrow) bands of magnetite, the latter also occurring as irregularly shaped blobs (up to 2" in dimension)				

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON

HOLE NO. 4

SHEET NUMBER 3

SECTION FROM 178.0 TO 261.9

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	178.0: well banded IRON FORMATION, folding considerably less; Higher magnetite content, quartz content also higher; VISUAL ESTIMATE OF MAGNETITE CONTENT: 60%				
189.8	BASIC DYKE: finegrained, chilled edges, contact at 60 degr, to core;				
196.7	IRON FORMATION: chlorite and garnetiferous aggregate band at contact. The formation is well banded, consisting mainly of narrow alternate bands of magnetite and quartz-mafics, some showing drag-folding; magnetite content as previous.				
211.3	BASIC DYKE with quartz veinlets;				
213.8	<u>IRON FORMATION: Description as from 196.7-211.3</u>				
215.3	BASIC DYKE;				
233.0	<u>IRON FORMATION: Description as from 196.7-211.3;</u>				
240.2	BASIC DYKE: foliated and micaceous; quartz veinlets				
258.1	<u>IRON FORMATION: brecciation at contact, pyrrhotite and sphalerite as laths and disseminations at contacts, narrow, widely inter-spaced bands of magnetite, folded.</u>				
259.3	BASIC DYKE: contains inclusions of iron formation at 261.5';				
261.9	<u>IRON FORMATION: well banded, lower silica content, light coloured bands with tuftitic texture, weak drag-folding, well mineralised</u>				

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 4

SHEET NUMBER <u>5</u>	SECTION FROM <u>354.5</u> TO <u>462.0'</u>	STARTED _____
LATITUDE _____	DATUM _____	COMPLETED _____
DEPARTURE _____	BEARING _____	ULTIMATE DEPTH _____
ELEVATION _____	DIP _____	PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD §	SLUDGE GOLD §			
354.5	BASIC TUFF; banded, chloritised and garnets near contact, glassy at contact to fine-medium grained, large, rounded blobs of quartz as inclusions; From 368' the rock is more medium grained with porphyritic laths of white mineral parallel to banding.							
422.1	IRON FORMATION: well banded at 30 degrees to core; non-magnetic bands consist of quartz-feldspar with tuffitic texture VISUAL ESTIMATE OF MAGNETITE: 50 %							
423.4	TUFF: silicified; drag-folding and slip-zones, sporadic bands of magnetite; chloritic band at 229.5' one-half inch wide.							
438.4	DIORITE: contact at 50 degrees to core, fine-grained at contact, increasingly coarser and porphyritic ("wheat-diorite")							
462.0	END OF HOLE.							

DRILLED _____

SIGNED _____ *D. A. Beaton*

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON

HOLE NO. (7)

SHEET NUMBER 1

SECTION FROM 0.0 TO 197.5

STARTED March 7 1958

LATITUDE 500'SW of Post #4, 17659

DATUM -

COMPLETED March 14 1958

DEPARTURE 316'SE

BEARING S.E.

ULTIMATE DEPTH 518'

ELEVATION -

DIP At 518'
At collar: -45 degrees, 28 degrees PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD S
0.0	Casing				
23.0	BASIC DYKE; core ground at 23.0'				
23.1	DIORITE: foliated near contact and chloritised; acicular, white inclusions of leucoxene(?) near contact, rock there after grades to medium grained holocrystalline type, occasionally containing porphyritic hornblende; some quartz-veinlets with pyrite inclusions				
130.2	SILICIFIED TUFF: banded, laths of chlorite in quartz running parallel with banding, which is at 30 degrees to the core; narrow, irregularly occurring bands of magnetite; 144.4'-146.1': BASIC DYKE, cutting core at 40 degrees; 146.1': Shear-zone; foliated and chloritised, slickensides; no magnetite was observed; chloritic bands; sulphides consisting of pyrite, pyrrhotite and possibly a minor amount of sphalerite occur as laths and irregularly shaped bands, increasingly so from 152'. From 155' the rock is intensely chloritised and contorted and is cut by wide quartz "veinlets". It is well mineralised with contorted stringers of sulphides, of which pyrrhotite, sphalerite and some chalcopyrite were identified. Some of the chlorite shows evidence of recrystallisation. From 170' the sulphides appear to consist of pyrite only. 175.2: End of heavily sheared zone, some drag-folding, contorted from 187.5'-193.4', with high quartz content, no magnetite was observed.				
193.4	BASIC DYKE: chloritised at contact;				

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 4

SHEET NUMBER 4 SECTION FROM 261.9 TO 354.5' STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	with banded magnetite; minor occurrences of bands of pyrrhotite and sphalerite associated with magnetite.				
	267': Steeper bands (at 30 degrees to core) showing folding, gradually becoming less steep from 269' (50 deg. to core) Drag-folding and silicified concretions with concentric rings of magnetite. Narrow fractures cut the core at 60 degrees, which are slip-zones.				
	From 278' the formation also shows considerable folding. The banding is parallel to the core from 295'-297', cutting the core from thereon at 30 degrees. Similar folding occurs from 300'-302'. A narrow fracture-slip zone occurs at 296.3'. There are large concretions whose centres contain magnetite and which are surrounded by rings carrying magnetite				
	VISUAL ESTIMATE OF MAGNETITE CONTENT: 50 %				
322.0	TUFF: silicified, contact at 70 degrees to core, carrying occasional bands of magnetite.				
324.2	BASIC DYKE:				
338.8	TUFF: Description as from 322.0-324.2				
341.8	IRON FORMATION: banded; stringers of basic dyke at 343.5-343.7 & 344.5-344.6.				
	Intensely folded and fractured, slip-planes at 30 degrees to core; quartz-feldspar bands contain bath-like inclusions of magnetite.				
352.0	TUFF: silicified; fine-grained inclusions of magnetite;				

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 7

SHEET NUMBER 2 SECTION FROM 197.5 TO 398.9 STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
197.5	BASIC TUFF: weakly defined banding, sporadically occurring bands of pyrrhotite, silicified tuff from 211.0'-214.5'				
226.4	SILICIFIED TUFF: banded and contorted, chloritised; bomb-like inclusions; magnetite occurs as scattered, narrow bands.				
243.0	BASIC DYKE: chloritised at contact;				
259.3	SILICIFIED TUFF: banded, contorted and folded in places, which are associated with sulphides (stringers of pyrrhotite and laths of chalcopyrite); garnets from 274.7-275.5. More defined banding from 280' and narrow bands of magnetite occur from thereon; ash beds observed at 287'; 293'-294': Shear-zone, highly chloritised; 297.8-299.9: BASIC DYKE: 299.8: Folded and contorted; garnetiferous, narrow chlorite bands from 309', higher % quartz, disseminated & banded pyrrhotite and some laths of chalcopyrite; no magnetite observed; band of garnets at 325';				
332.4	IRON FORMATION: banded and contorted, drag-folding, chloritic at contact; narrow magnetite bands and lath-like inclusions in felspathic bands; the silica content is low; some nodular pyrite; VISUAL ESTIMATE OF MAGNETITE CONTENT: 35%				
	360.0: Little folding, generally well defined bands at 70 degr. to core;				
	398.9: chlorite bands, contiguous to and associated with magnetite bands, in places the chlorite contains magnetite as inclusions; the feldspar-quartz constituent has tuffitic texture;				

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SIGNED D. A. Beaton

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 7

SHEET NUMBER 3 SECTION FROM 398.9' TO 502.6' STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD T
398.9 (Contd.)	drag-folding, associated with chloritic bands, low silica Minor occurrences of pyrrhotite; VISUAL ESTIMATE OF MAGNETITE CONTENT: 45%				
420.3	BASIC DYKE: foliated;				
422.5	IRON FORMATION: the magnetite content is less than previous, occurring as sporadic, narrow bands, non-magnetite constituents have tuffitic texture; ash-beds containing coarse magnetite crystals as inclusions; band of shattered garnets; 432.5: silicified zone, more frequent magnetite bands, drag-folds, VISUAL ESTIMATE OF MAGNETITE CONTENT: 30%				
	435.5'-436.5': BASIC DYKE:				
	436.5: IRON FORMATION with tuffitic texture as previous; slip in magnetite bands, with planes parallel to core; folding from 442', pyrrhotite bands at 449'; VISUAL ESTIMATE OF MAGNETITE CONTENT: 35%				
	451.3-452.2: BASIC DYKE: The formation has considerably higher silica from 453'; it is well banded and the magnetite bands are generally wider than previous, lenses of magnetite are contained as inclusions in the quartz-feldspar bands; the core shows folding from 462.5, the folds enclosing and containing chloritic bands as well as pyrite and pyrrhotite; the trend of the folds is indistinct; 471.7-475.0: BASIC DYKE: foliated and micaceous Intense folding and contorted from 497.5-502.6 VISUAL ESTIMATE OF MAGNETITE CONTENT: 30%				

N.M.P., TORONTO-STOCK FORM NO. 901 REV. 12/51

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DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE IRON HOLE NO. 7

SHEET NUMBER 4 SECTION FROM 502.6 TO 518.0 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD S		
502.6	BASIC DYKE: fine-medium grained, coarse mica						
518.0	END OF HOLE.						

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SIGNED D. A. Beaton

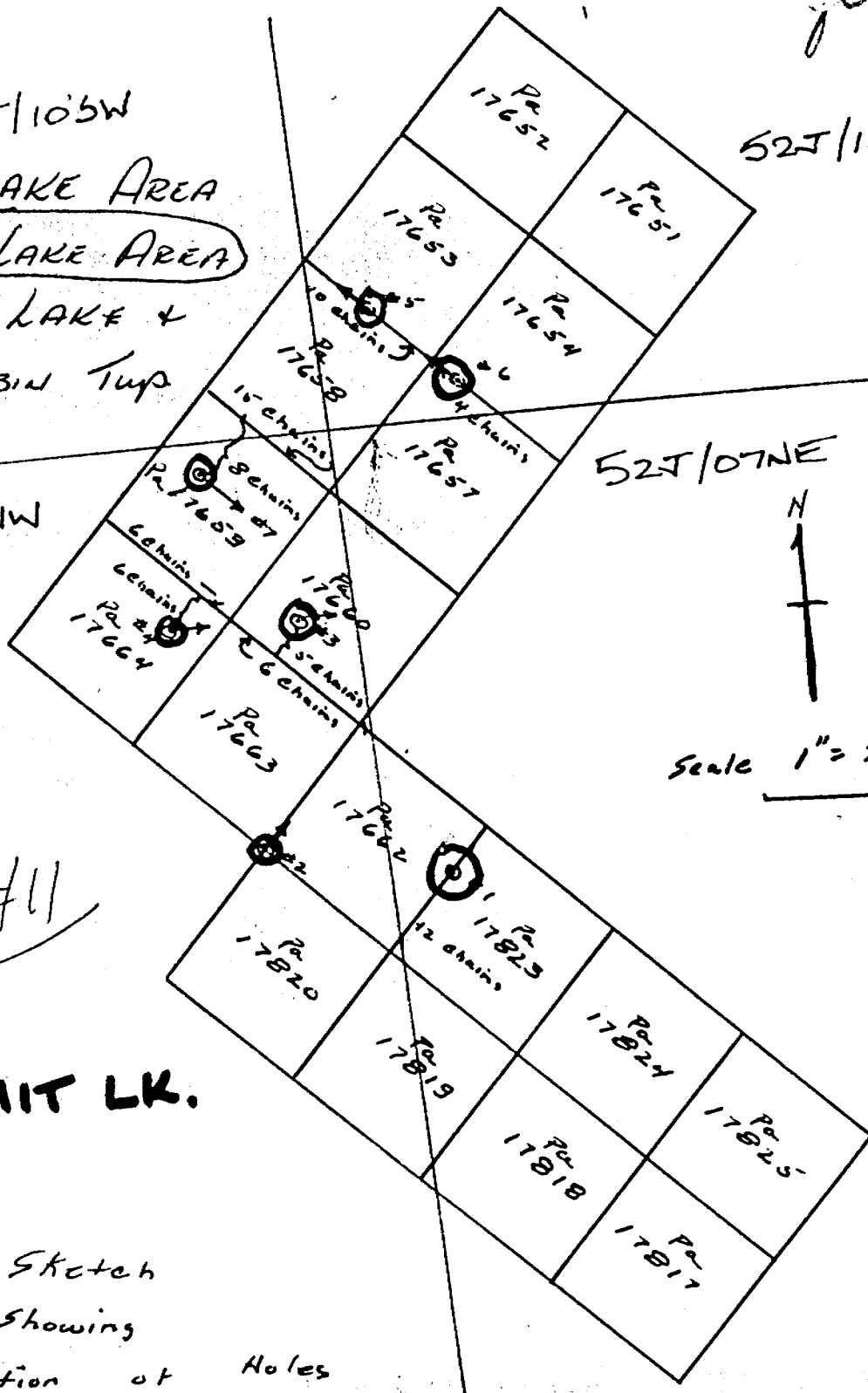
file 17653

52T/105W
HILL LAKE AREA
ARMIT LAKE AREA
GREBE LAKE &
M'CUBBIN Twp

52T/105E

52T/07NE

52T/07NW



Scale 1" = 20 chains

Hll

ARMIT LK.

GREBE LK.

Sketch
Showing
Location of Holes
North

Kashawogama Lake
Patricia District

D. S. Beaton