



42A05SE2003 2.18830 DENTON

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DIAMOND DRILL CORE LOG

Denton Resources Inc.

SHEET 1

HOLE NO: **9801**
 PROPERTY/AREA: **Mosher Lake Grid**
 TOWNSHIP: Keefer Twp., Ontario
 CLAIM NO: P. 833195
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: May 11, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
256 ft	-47.5 deg.	--
506 ft	-46.5 deg.	--

COORDINATES: 1000E / 620S
 DIP AT COLLAR: -51 degrees
 AZIMUTH: 360 degrees
 ELEVATION: Surface: 0.0
 STARTED: May 6, 1998
 FINISHED: May 9, 1998

TOTAL DEPTH OF HOLE: 506 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
0	12.0	Overburden							
12.0	48.2	Tuff, Lapilli Tuff -strong foliation: 35-45 degrees to CA -lapilli elongated in foliation direction -strong sericite alteration; 12.0-20.0': sericite patches to 5" long next to quartz veins -moderately chloritic -pyrite as local elongated lenses and clots to 1/4" wide or scattered fine cubes -12.6-15.0': alteration zone: irregular quartz (45%) carbonate (5%) vein in strongly altered silver cream sericitic (30%) with chloritic inclusions, minor pyrite - 18.4-20.2': as above, irregular vein in altered rock; quartz (25%), minor carbonate, and silvery sericite (5-10%) with chloritic material and volcanic inclusions; no visible sulphides in vein -after 20.0': lapilli size fragments, increased pyrite - 23.5-24.1': several bands to 1" wide, of purple, smokey, and white chert and green volcanic, banding is 45 degrees to CA; fine lenses of pyrite; some calcareous material; occasional bands are magnetic							

D.D.H. : 9801

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
48.2	53.0	<p>- 25.8-28.0': 7" quartz vein similar to those above followed by narrow irregular quartz stringers from 1/2" to 2" wide</p> <p>-13.8-45.4': rusty staining/fractures:</p> <p>Lamprophyre Dike</p> <p>-medium grained</p> <p>-black brown</p> <p>-small dark inclusions near margins</p> <p>-regular, narrow, to 1/2" wide calcite stringers, 30 degrees to CA</p> <p>-weak magnetism</p> <p>-rusty fracture at 53.0'</p>							
53.0	68.5	<p>Tuff</p> <p>-at start, similar to above tuff</p> <p>-gradual decrease in sulphide after 61.0'</p> <p>- 55.2': 5" chert and quartz vein, fine stringers of pyrite, specks of chalcopyrite</p> <p>- 58.2-59.1': creamy to reddish chert bands, 1/4 to 1/2" wide, 45 degrees to CA, with quartz and fine pyrite fracture filling</p> <p>- 60.3-60.9': chert and quartz vein, no banding, 75% chert, 23% quartz, 2% pyrite cubes and clots, and fine specks of chalcopyrite</p> <p>- 61.6': 2 1/2" quartz carbonate stringer, no visible sulphide</p> <p>- 63.7-65.0': quartz vein: 80% quartz, 5% carbonate, 15% sericite and chlorite altered material, no visible sulphide, trace green hydromuscovite in the quartz</p> <p>- 66.85-67.7': quartz plus minor carbonate vein, no visible sulphide</p> <p>-rusty fractures: 62.5' and 66.4'</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
68.5	78.4	Lapilli Tuff -creamy lapilli to 1/2" wide, elongated in foliation direction -strong foliation: 40 degrees to CA -fine grained sericite altered matrix -sericite alteration increases down hole -trace fine sulphide throughout; narrow clots of pyrite on sericite slips							
78.4	96.0	Tuff -fine bands -fine grained, elongate fragments -strong foliation: 35 degrees to CA -sericite alteration -patchy carbonatization -trace sulphide -rusty weathering at 78.6'							
96.0	207.75	Mafic Volcanic Flows (Iron Tholeiite sections) -fine grained, grey-green to 99.5' - 110.0': becoming light green, coarse grained - 1-2% narrow quartz carbonate stringers; local minor fine pyrite; occasional hematite stained quartz carbonate stringers with minor chalcopyrite noted between 104.0-140.1' -150.6-154.6': fine to coarse to fine grained, slightly darker colour with leucoxene crystals (Iron Tholeiite); flow variation or separate flows; -down core axis fractures at 130.6-132.8' and 134.7-135.8'							

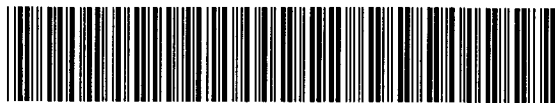
FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
207.75	290.6	<p>Mafic Volcanic Flows (Iron Tholeiite sections)</p> <ul style="list-style-type: none"> -strong foliation; except in more massive sections -several repetitions of black-green sericitic/chloritic, fine grained volcanic with leucoxene crystals (Iron Tholeiite) coarsening to lighter green, medium to coarse grained material to 228.0'; 5-10% quartz carbonate stringers - 228.0-266.0': medium grained mafic volcanic with finer grained dark coloured sections; decrease in quartz carbonate stringers - 266.0-290.6': becoming fine grained; minor epidote development associated with several quartz carbonate veins; local fine grain pyrite 							
290.6	291.9	<p>Banded Iron Formation</p> <ul style="list-style-type: none"> -narrow grey chert and magnetite laminae with calcite -contorted bedding -magnetic -50% volcanic material -up to 1% pyrite as hairline fracture filling, fine lenses, and scattered cubes/clots to 1/4" 							
291.9	398.5	<p>Tuff Units</p> <ul style="list-style-type: none"> -green-grey to grey-black fragmental units -within units fragments are of consistent size; variability in grain size seen from unit to unit from fine tuff sized fragments to 1.5" lapilli -fragments, generally white, calcareous; some are siliceous -sericitic/chloritic matrix -very strong foliation: 35-45 degrees to CA; some kink banding and contorted bedding -occasional chert bands developed 							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
		- 307.5-309.3': broken core; at 308.0': 5" quartz vein, no visible sulphide	29501	306.0	311.0	5.0	nil		
			29502	311.0	316.0	5.0	nil		
		-sericite alteration moderate to very strong	29503	316.0	321.0	5.0	nil		
		- 299.6-318.0': increased sericite alteration, occasional fuchsite? development	29504	321.0	326.0	5.0	nil		
			29505	326.0	331.0	5.0	nil		
		- 309.3-311.25': 75% quartz carbonate; 20% chloritic/sericitic wallrock; 5% fine sulphide: pyrite lenses/clots to 1/4" wide and scattered cubes, chalcopryite specks and 3/8" network	29506	331.0	336.0	5.0	nil		
			29507	336.0	341.0	5.0	nil		
			29508	341.0	346.0	5.0	nil		
			29509	346.0	351.0	5.0	nil		
		- 315.0-315.7': 85% quartz carbonate, 15% chloritic/sericitic wallrock inclusions, no visible sulphides	29510	351.0	356.0	5.0	nil		
			29511	356.0	361.0	5.0	nil		
			29512	361.0	366.0	5.0	nil		
		- 322.3-324.5': irregular carbonate chert bands with 5-10% fine sulphides: 1/4" wide pyrite lenses and clots; chloritic/sericitic matrix	29513	366.0	371.0	5.0	nil		
			29514	371.0	376.0	5.0	nil		
			29515	376.0	381.0	5.0	nil		
		- 336.25-340.5': increased brown sericite alteration	29516	381.0	386.0	5.0	nil		
		- 342.0-362.0': gradual increase in sulphides, increase in fragment size; several narrow carbonate quartz? stringers, no visible sulphide; after 358.0': contorted bedding, pinched carbonate quartz stringers, local sulphides	29517	386.0	391.0	5.0	nil		
			29518	391.0	396.0	5.0	nil		
			29519	396.0	401.0	5.0	nil		
		- 362.0-365.5': distinctive lapilli tuff, 90% fragments, 10% sericitic/chloritic matrix; irregular shaped fragments, generally elongate to 1.5" and longer in direction of foliation, calcareous; some hematite staining of brown sericite							
		- 366.0': 1.5" wide felsic fragment? with 5% fine magnetite crystals							
		- 366.0-398.5': 3-5% fine pyrite as cubes/narrow lenses and clots to 1/4", increasing down hole to 10%; contorted bedding; quartz carbonate veinlets to 4" from 386.0-398.6'; chert bands developed, 392.8-393.1', 55 degrees to CA; pyrite concentrated in volcanic material							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
398.5	417.4	Highly Altered Tuff Units -strong brown sericite alteration -very soft foliation planes where sericite crumbles easily into white powder -two zones of high creamy yellow silicification: 70% silica, 399.6-401.1' and 402.0-406.0' -local contorted bedding - 407.2': 8 1/2" 85% quartz, 12% carbonate, 3% inclusions and hydromuscovite - 410.0': 3 1/2" irregular quartz carbonate vein as above	29520	401.0	406.0	5.0	nil		
			29521	406.0	411.0	5.0	nil		
			29522	411.0	416.0	5.0	nil		
			29523	416.0	421.0	5.0	nil		
			29524	421.0	426.0	5.0	nil		
			29525	426.0	431.0	5.0	nil		
			59526	431.0	435.0	4.0	nil		
417.4	433.2	Tuff Units -similar to 366.0-398.5' -irregular quartz carbonate veins - 421.5-422.5: 60% quartz, 10% carbonate, 5-8% pyrite cubes to 3/8", sericite/chlorite inclusions, hydromuscovite - 418.7': 3 1/2" quartz carbonate vein, occasional pyrite cube							
433.2	450.45	Mafic Volcanic -strong foliation: 35 degrees to CA, variable -10% quartz carbonate stringers -scattered pyrite; local narrow fine grained pyrite stringers -narrow stringer chalcopyrite at 448.0' - 440.9': 4 1/2" irregular quartz carbonate vein, no visible sulphides							
450.45	487.4	Tuff Units -strong foliation: 45 degrees to CA -first 4 feet: light and dark beds/bands, 1/4" to 1/2" wide							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
487.4	506.0	-tuff and lapilli tuff units; lapilli to 1/2" -variations in fragment to matrix proportions -fragments generally light coloured, calcareous -matrix: medium green, chloritic -less than 1% pyrite as scattered cubes, narrow stringers -core colour lightens to 472.0' where there are 80% light coloured fragments to 20% chloritic matrix Diabase -fine to medium grained -dark green-black -fine grained at contact margin End of Hole							
	506.0								
		Core stored: #9 Kamiskotia Lake, Robb Twp., Timmins, Ontario							

Brenda MacLellan



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DIAMOND DRILL CORE LOG

Denton Resources Inc.

SHEET 1

HOLE NO: 9802
 PROPERTY/AREA: Moshier Lake Grid
 TOWNSHIP: Keefer Twp., Ontario
 CLAIM NO: P. 817605
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: May 14, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
200 ft	-44.5 deg.	--
380 ft	-41.0 deg.	--

COORDINATES: 1800E / 1200S
 DIP AT COLLAR: -50 degrees
 AZIMUTH: 360 degrees
 ELEVATION: Surface: 0.0
 STARTED: May 10, 1998
 FINISHED: May 12, 1998

TOTAL DEPTH OF HOLE: 380.6 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
0	4	Overburden							
4.0	126.4	Tuff Units -broken core to 20.5', continues blocky to about 40.0' -very strong foliation: 20-45 degrees to CA -banded appearance, fine grained light coloured fragments in fine grey green matrix -chloritic, carbonatized -moderate sericite alteration - 5-10% quartz carbonate stringers overall -occasional local pyrite, fine to 1/8", also very narrow stringers - 11.7-14.0': irregular quartz carbonate vein, down CA, no visible sulphides - 95.3-109.4': 30% quartz carbonate stringers, no visible sulphides -more massive in last foot of unit							
126.4	151.25	Mafic Volcanic Flow -light green -coarse grained, to 1/8-1/4" -strong foliation: 45 degrees to CA -carbonatized -trace pyrite cube to 1/4"							

D.D.H. : 9802

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
151.25	151.8	<ul style="list-style-type: none"> -from 146.3': 1% narrow irregular quartz carbonate stringers -last 2 feet: decreased carbonatization, increased pyrite -lower contact: low angle to CA <p>Banded Volcanic</p> <ul style="list-style-type: none"> -fine grained, banded -strong foliation: low angle to CA -possibly associated with next unit 							
151.8	194.1	<p>Mafic Volcanic Flow(s)</p> <ul style="list-style-type: none"> -fine to medium grained, at start; becoming coarser by 158.4' -medium green -chloritic - 2-3% narrow quartz carbonate stringers -trace pyrite, local concentrations of pyrite cubes, some hematite stained fractures -foliation: 30-40 degrees to CA - <u>158.4-158.8'</u>: fine grained, sharp contacts - <u>158.8-171.8'</u>: coarse grained, sharp contacts -3/8" clot chalcopyrite in quartz carbonate stringer, 166.6' - <u>171.8-176.5'</u>: fine grained, sharp contacts - <u>176.5-187.1'</u>: medium to coarse grained -184.0': 5" irregular quartz, minor carbonate stringer at low angle to CA, no visible sulphides - <u>187.1-187.4'</u>: dark green, fine grained, massive -broken core -similar to 176.5-187.1' -<u>after 190.7'</u>: grain size decreases -increase in carbonatization, sericite alteration - 5-10% quartz carbonate stringers, trace sulphides 							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
194.1	225.0	Tuff Units -grey-green to brownish-green-grey -fine laminations -very fine to fine foliated fragments, most calcareous -very strong foliation: 45 degrees to CA -moderate sericite alteration -units, differentiated by fragment size and colour, vary from several inches to over one foot thick - 2-3% narrow quartz carbonate stringers -trace pyrite							
225.0	230.4	Mafic Volcanic -one inch ground core at start of unit -medium to coarse grained -strong foliation: 30 degrees to CA -hematite stained, no magnetism -50% quartz and carbonate, stringers, veins -no visible sulphide -lower contact, sharp, 25 degrees to CA							
230.4	231.0	Mafic Volcanic Flow -massive -fine grained, medium grained down hole -possible flow contact, fragments: 1 to 1/2", local weathered out vugs -dark green -lower contact, sharp: 25 degrees to CA							
231.0	246.2	Tuff Units -similar to previous tuffs -strong foliation: 35 degrees to CA -increased sericite alteration -local hematite staining, 1/4" red clots							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
246.2	287.7	<p>-tuff fragments generally calcareous -up tp 1% quartz carbonate stringers, after 238.3' -trace fine pyrite and chalcopyrite, increasing down hole - 238.5': 5" epidote alteration, several quartz stringers, minor carbonate, trace chalcopyrite - <u>240.3' to end of unit</u>: increased fragment size -fragment colour: white, buff, hematite stained -243.0': coarse grained, with 1/4" chlorite clots in light coloured matrix</p> <p>Tuff Units -fine grained -strong foliation: 35-40 degrees to CA; less than 15 degrees to CA from 256.0-260.0' -strong sericite alteration - 5-10% quartz and carbonate stringers overall, several quartz and carbonate stringers/veins, including 8.5" vein at 268.1', contain trace to no visible sulphides</p>							
287.7	330.1	<p>Altered Mafic Volcanic Flow -possible pillows? -dark grey-green to beige green where sericite is more intense -strong foliation: 35 degrees to CA -chloritic, patchy carbonatization -moderate sericite alteration -up to 2-3% quartz carbonate stringers, decreasing down hole -trace sulphides</p>							
330.1	344.0	<p>Pillowed Mafic Volcanic Flow -strong foliation: 25 degrees to CA</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
344.0	380.6	<ul style="list-style-type: none"> -varioles: cream to cream-green in fine grained black-green matrix -trace pyrite - 50% of core is broken/blocky -strong alteration proximal to diabase dike <p>Diabase Dike</p> <ul style="list-style-type: none"> -sharp contact: 25 degrees to CA -green-black -fine grained in margin, becoming medium grained -slightly magnetic -broken core past 346.0' 							
	380.6	End of Hole							
		Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario							

Brenda MacRae



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DIAMOND DRILL CORE LOG

Denton Resources Inc.

SHEET 1

HOLE NO: **9803**
 PROPERTY/AREA: **Mosher Lake Grid**
 TOWNSHIP: **Keefer Twp., Ontario**
 CLAIM NO: **P. 949074**
 CORE SIZE: **BQ**
 CONTRACTOR: **George Downing Estate Drilling Limited**
 LOGGED BY: **Brenda MacRae**
 DATE LOGGED: **May 20, 1998**

DIP TESTS - Acid

DEPTH	DIP	AZIMUTH
247.0 ft	-58 deg.	--

COORDINATES: 2100E / 400S
 DIP AT COLLAR: -61 degrees
 AZIMUTH: 360 degrees
 ELEVATION: Surface: 0.0
 STARTED: May 13, 1998
 FINISHED: May 14, 1998

TOTAL DEPTH OF HOLE: 247.0 FEET

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
0	7.0	Overburden							
7.0	138.0	Mafic Volcanic Flow -medium to coarse grained -medium to strong foliation, variable, average: 25 degrees to CA -chloritic -local carbonatization -moderate sericite alteration -less than 1% carbonate stringers -minor pyrite cubes, trace chalcopyrite - 9.25-10.10': irregular quartz (70%) and pink carbonate vein with wallrock inclusions - 10.75': short irregular pink carbonate and quartz stringers - 25.0': narrow irregular epidote-quartz stringer - 66.0-67.8': irregular quartz vein with minor carbonate, trace pyrite and chalcopyrite - 77.25': 4-5" irregular quartz-carbonate veinlet, trace pyrite -broken core 86.0-86.5' and 90.0-90.75' - 88.75': 9.5" irregular quartz-carbonate, tourmaline, minor chloritic wallrock, trace pyrite - 98.0': 5" irregular quartz-carbonate, 10% chloritic inclusions, trace pyrite and chalcopyrite							

D.D.H. : 9803

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
138.0	247.0	<p>- 98.0-138.0': 5-10% quartz/carbonate stringers/veinlets -increased very fine pyrite -possible pillows -foliation: 10 degrees to CA -increased felsic (calcareous) bands parallel to foliation</p> <p>Coarse Grained Massive Volcanic or Gabbro -light green -grain size 1/8", equigranular -massive with occasional fine grain sections -some sections, moderately foliated -appearance similar to coarse grained sections of previous unit -patchy carbonatization -less than 1% quartz/carbonate stringers, some narrow hematite stained fracture filling -scattered minor pyrite cubes to 1/8", local concentrations to 2% - 150.4': 1.0', 75% quartz and carbonate, chloritic material, hematite staining, no visible sulphides - 220.3': 7" calcite veinlet, irregular, down CA -broken core: 221.4-222.8'</p>							
	247.0	End of Hole							
		Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario							

Brenda MacLachlan

D.D.H. : 9803



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DIAMOND DRILL CORE LOG

Denton Resources Inc.

SHEET 1

HOLE NO: 9804
 PROPERTY: Mosher Lake Grid
 TOWNSHIP: Keefer Twp., Ontario
 CLAIM NO: P. 947879
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: May 26, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
256.0 ft	-49.0 deg.	--
502.0 ft	-50.0 deg.	--

COORDINATES: 1800E / 700N
 DIP AT COLLAR: -51.5 degrees
 AZIMUTH: 360 degrees
 ELEVATION: Surface: 0.0
 STARTED: May 19, 1998
 FINISHED: May 22, 1998

TOTAL DEPTH OF HOLE: 502.0 FEET

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
0	11.50	Overburden							
11.50	148.4	Mafic Volcanic -fine grained -dark green with 35% light carbonate which appears mottled to randomly oriented calcite stringers with feathery boundaries; after 120.0', 25% light carbonate -sericite and chlorite alteration -strong, variable foliation, generally at low angle to CA, secondary direction: 40 degrees to CA -up to 1% quartz carbonate as small veinlets -local concentrations of fine pyrite with the light carbonate -chalcopyrite specks at 142.5' and in narrow fracture at 139.25' -reddish stained fractures 140.6-143.0' -core appears more banded down hole -decrease in carbonate proximal to the lamprophyre dyke; 146.7-148.4': alteration due to dyke -broken core: 24.0-25.0' -rusty fractures to 26.0'							

D.D.H. : 9804

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
148.4	152.7	<p>Lamprophyre Dyke</p> <ul style="list-style-type: none"> -brown colour -medium grained matrix -brown biotite phenocrysts, books to 3/4" -carbonatized - 149.2-149.75': brecciated wallrock inclusion, blue alteration colour -upper contact: 58 degrees to CA; lower contact: 52 degrees to CA in broken core 							
152.7	198.6	<p>Chlorite and Sericite Altered Volcanic</p> <ul style="list-style-type: none"> -dark green -fine grained -foliation strong, variable: 35-5 degrees to CA -subtle, distorted banding, possible tuff? -at start of unit, pyrite distribution similar to previous volcanic - 152.7-153.0': blue alteration colour next to lamprophyre - 158.2-159.1': chert, brecciated, distorted with 1/2" magnetite band; minor carbonatization; trace fine grained pyrite; in magnetite band, pyrite cubes to 1/8" - 161.0-161.8': carbonatized chert and magnetite; 2-3% fine pyrite cubes concentrated in calcareous magnetite bands; upper contact, sharp, variable: 5-30 degrees to CA; lower contact grades into banded volcanic -elsewhere distorted chert swirls/bodies at 181.5', 182.0', 185.4' 186.0' several inches long -35% carbonate overall -5% calcite rich patches 0.2-0.6' wide with 5-10% pyrite, trace chalcopyrite - 186.1-186.5': reddish brown magnetite crystals in cherty calcite with 5% pyrite and magnetite bands; 							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
198.6	217.5	<p>magnetic; after 186.5', fine magnetite, trace to 2-3% to end of unit - 5% sulphides, pyrite; 8-10% from 195.4-196.1'</p> <p>Mafic Volcanic Flow -gradational contact -dark green -fine grained -massive -chloritic; moderate sericite alteration -strong foliation: 35 degrees to CA -reduction in carbonate, to 10% -decrease in sulphides, local concentrations</p>							
217.5	235.0	<p>Mafic Flow(s) or Intrusive -massive, equigranular -fine grained near 217.5' and 235.0'; coarse grained sections within -upper contact, gradational -lower contact sharp; minor brecciation -no foliation -chloritic -patchy carbonatization -green epidote alteration -up to 1% irregular carbonate stringers -no visible sulphides</p>							
235.0	315.7	<p>Chlorite and Sericite Altered Volcanic -first 4 feet: blotchy appearance -dark green and light green/cream (calcareous) banding (25% of core is calcareous bands) -fine grained sections near the larger quartz carbonate veins/stringers -very strong foliation, variable: 25-35 degrees to CA; kink banding common</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
		-irregular carbonate and carbonate quartz stringers oriented in direction of foliation - to 257.0': 20% irregular quartz carbonate and carbonate stringers/veins to 4" wide, sub-parallel to foliation; trace to minor pyrite; occasional chalcopyrite; local concentrations of chalcopyrite and pyrite increase down hole, associated with quartz carbonate and wallrock - 248.6-250.0': cherty quartz carbonate, no magnetite - 254.0-257.0': 70% creamy carbonate, minor quartz, 20% chloritic/sericitic inclusions -after 257.0': 5% quartz carbonate and carbonate stringers -trace fine pyrite occurs locally along the banding; 5-8% pyrite in carbonate rich masses along with hematite staining - 306.4-307.2': chert carbonate, 15% pyrite, hematite stained bands, slightly magnetic; broken/convoluted; 20% wallrock inclusion; oriented in foliation direction							
315.7	323.0	Tuff Units -fine grained, medium green with fine (less than 1/16") calcareous laminae -strong foliation: 40 degrees to CA -no visible sulphides - 317.6': 1.5" wide fragmental unit; dark, elongate fragments to 1/2" in carbonate matrix							
323.0	340.9	Chlorite and Sericite Altered Volcanic -similar to 235.0-315.7' - 324.0': 5-6" wide irregular quartz vein, no visible sulphides							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
340.9	349.8	Variolitic Mafic Volcanic -pale green calcareous varioles, 3/4" by over 2" wide, elongate in foliation direction: 35 degrees to CA -dark green medium grained matrix, weakly carbonatized -scattered pyrite cubes - 1-2% scattered magnetite crystals							
349.8	379.3	Mafic Flow -massive -medium green -medium grained -strong foliation: 40 degrees to CA - 349.8-361.0' and after 371.2': foliated carbonate bands, irregular narrow carbonate stringers - 2-3% tiny magnetite crystals, moderately magnetic - trace scattered fine pyrite cubes - 356.6-357.2': irregular quartz vein with chloritic wallrock inclusions; 1" calcite stringer at upper contact contains 10% pyrite cubes to 3/8" and magnetite cubes; lower margin: carbonate, tourmaline, chloritic material, magnetite, pyrite and specks of chalcopyrite - 370.6-371.2': irregular quartz vein, wallrock inclusions, minor pyrite cubes to 1/4", specks of chalcopyrite							
379.3	387.9	Tuff -thin laminae oriented in foliation direction: 45 degrees to CA -dark green, white -carbonatized -trace fine pyrite							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
387.9	502.0	<p>Volcanic Flows With Small Banded Iron Formations (BIF)</p> <p>-medium to dark green -medium to fine grained -strong foliation: 45 degrees to low angle to CA -original textures replaced by narrow bands and swirls generally in foliation direction -strong chloritic alteration; carbonatized; patchy sericite alteration</p> <p>- <u>387.9-410.9'</u>: similar to 152.7-198.6'; variable foliation; strong sericite, 402.0-406.0'; several quartz veinlets, 4" wide, no visible sulphides within; including calcareous light coloured bands, stringers/masses, core is 40% carbonate material; minor sulphide: scattered pyrite cubes/clots to 1/4" and local concentrations of pyrite along foliation direction</p> <p>- <u>410.9-413.6'</u>: carbonate-chlorite-pyrite bands; 10% sulphide; small BIF, 413.3-413.6', chert/magnetite/pyrite/chloritic volcanic, 45 degrees to CA</p> <p>- <u>413.6-416.7'</u>: similar to 406.0'</p> <p>- <u>416.7-417.6'</u>: BIF, partially convoluted at upper end, bands: 30 degrees to CA, green chert/fine bedded magnetite and grey chert/scattered pyrite bands intercalated with chloritic volcanic</p> <p>- <u>417.6-419.0'</u>: carbonate rich masses with pyrite to 5-8% locally</p> <p>- <u>419.0-449.5'</u>: sericite altered mafic volcanic flow, several irregular, pinched quartz and quartz carbonate veinlets; bleaching: 427.0-428.0', 431.5-433.3' (very strong), 442.7'; narrow light and dark green bands, local pyrite concentration in bands increases down hole</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
		<p>- 449.5'-475.0':</p> <p>- 449.7': 0.6' irregular quartz carbonate vein, 20% wallrock with scattered pyrite cubes with 1"x1/4" network of chalcopyrite, oriented down core axis</p> <p>- 453.0': 2' wide irregular quartz carbonate vein down core axis, 50% quartz carbonate in chlorite and sericite altered material, no visible sulphides</p> <p>- 453.0-469.0': 10-20% quartz carbonate stringers, scattered pyrite cubes to 1/4"</p> <p>- 469.4': 1" BIF, chert/magnetite some scattered pyrite; preceded by 1" carbonate-pyrite mass; followed by 2-3" irregular quartz carbonate stringer with no visible sulphide</p> <p>- 471.9-472.3': narrow quartz carbonate stringers plus a 2" stringer with 15% pyrite and chalcopyrite</p> <p>- 472.3-473.0': BIF, chert/chert-magnetite/pyrite-carbonate and chloritic volcanic</p> <p>- 473.35-473.6': 5-10% pyrite as cubes to 1/4" in carbonate masses</p> <p>- 473.9-474.8': BIF with carbonate-pyrite rich volcanic bands</p> <p>- 475.0-475.4': narrow chert bands in altered volcanic, no pyrite, non-magnetic</p> <p>- after 475.0': sericite altered mafic volcanic, foliation: 45 degrees to CA; 486.0-493.0': increase in sulphide, pyrite cubes to 1/4", generally in carbonate bands parallel to foliation, local concentrations to 25% near 489.0'; six small irregular quartz/quartz carbonate veinlets with no visible sulphide, partially down core axis</p>							
	502	<p>End of Hole</p> <p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario</p>							

Brenda MacRae



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DIAMOND DRILL CORE LOG

Denton Resources Inc.

SHEET 1

HOLE NO: **9805**
 PROPERTY/AREA: **Mosher Lake Grid**
 TOWNSHIP: **KeeferTwp., Ontario**
 CLAIM NO: **P. 947878**
 CORE SIZE: **BQ**
 CONTRACTOR: **George Downing Estate Drilling Limited**
 LOGGED BY: **Brenda MacRae**
 DATE LOGGED: **June 6, 1998**

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
357.0 ft	-57.0 deg.	--
707.0 ft	-56.5 deg.	--

COORDINATES: **800E / 640N**
 DIP AT COLLAR: **-61.5 degrees**
 AZIMUTH: **360 degrees**
 ELEVATION: **Surface: 0.0**
 STARTED: **May 23, 1998**
 FINISHED: **May 29, 1998**

TOTAL DEPTH OF HOLE: 707.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
0	3.5	Overburden						
3.5	146.75	Mafic Volcanic -medium to dark green -medium to fine grained -very strongly foliated to highly sheared: 23 degrees (or less) to CA; often down the CA; kinking, folding common -chloritic -moderate to strong sericite alteration - 40% calcareous threads, stringers, veinlets, irregular patches; deformed and brecciated -to 25.0': occasional bright red, hematite stained carbonate, purple staining common throughout -trace to minor pyrite, local concentrations to 5%; clots/specks of chalcopyrite throughout - 131.5-132.8': highly sheared, fine, black-green and calcareous, white material; folds, swirls; upper contact is fractured, lower contact with mafic volcanic is sharp, 33 degrees to CA - 132.8-142.4': highly brecciated, dark, cherty, quartz vein with 30-40% chloritic inclusions; local concentration of sulphides, lenses/clots of fine to 1/8" pyrite up to 1/2" wide -broken/crumby core: 3.0', 11.6', 13.4', 50.7', 53.3' -weathered fractures to two thirds of the way down the hole -last 6", core is altered bluish colour						

D.D.H. : 9805

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
146.75	151.4	Lamprophyre Dike -purple brown -narrow chill margins -phenocrysts to 1" of light to dark brown biotite "books" -rounded dark coloured inclusions to 3/4" -calcareous matrix -rusty fractures -contacts: 63 - 65 degrees to CA						
151.4	258.6	Mafic Volcanic -similar to 3.5-146.75' -more highly sheared, intensity increasing down hole; variable from low angle to 40 degrees to CA -about 6" bluish alteration colour proximal to lamprophyre dike -occasional massive sections -less than 2% quartz-carbonate stringers -brecciation in rock, common -high sericite alteration and carbonatization - 1-2% pyrite, local concentrations to 5-10% noted, 202.0-227.0' -35% carbonate threads, stringers, masses oriented with foliation/shear direction, often deformed, convoluted - 235.0-257.8': increase in shear intensity, 25-30 degrees to CA; 40-50% core is foliated calcareous threads; core block/broken along shear planes - 250.75-252.55': quartz-sericite vein, no visible sulphides, much buff sericite seen after this vein - 257.0-257.8': irregular quartz carbonate vein, 10% chloritic/sericitic inclusions, fine pyrite						
258.6	332.8	Highly Sheared Rock -70% light coloured, 30% dark green chloritic material -shear gives rock a distinctive striped appearance -shear direction is variable, generally at low angle to CA: kinking, brecciation, swirling, folding common -core holds together well, siliceous						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		
FROM	TO								
332.8	450.0	<p>-narrow irregular quartz carbonate stringers/veinlets -trace pyrite - 301.0-309.0': dark green, medium grained, sericitic/chloritic mafic; strong shearing/foliation: 20 degrees to CA; non-magnetic; fine grained margins; 305.0-307.5': 3% pyrite cubes to 1/8", along shear planes; quartz carbonate stringers in margins contain no visible sulphide - 313.9-318.9': fine grained, chloritic mafic; non-magnetic, minor pyrite; core is blocky/broken in/near mafic sections -rusty fractures: 281.4', 314.0' -rusty brown stain: 266.0-268.3', 271.8-273.3', light rusty stained core seen elsewhere</p> <p>Mafic Volcanic -dark green, fine grained massive sections, moderate foliation: 30-40 degrees to CA; weakly to moderately carbonatized -medium to coarse grained carbonatized sections; moderate foliation: 35 degrees to CA -patchy chlorite alteration -moderate sericite alteration -high shearing likely responsible for "bedded" appearance from start of unit to about 340.0'; and again from 447.0 to 450.2' approaching contact with next highly sheared rock unit - 406.2-411.0': increasing amounts of calcareous threads, narrow calcite masses with kink banding -trace sulphides, local concentrations of 1-2% pyrite</p>							
450.0	464.5	<p>Highly Sheared Rock -shearing: 23 degrees to CA or less -sheared rock holds together well except in fine grained mafic section where breaking along shear planes is common -similar to previous Highly Sheared Rock, 258.6-332.8 - 453.2-454.3': fine grained black-green strongly sheared mafic; trace pyrite; 1-1/2 feet of quartz and quartz carbonate stringers to</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
464.5	587.0	<p>1/2" wide</p> <ul style="list-style-type: none"> - 455.8-458.2': fine grained, black-green strongly sheared mafic, as above, with 2-3% pyrite - 458.5-461.5': quartz carbonate stringers in fine grained mafic, trace pyrite in mafic only <p>Moderately Sheared Volcanic, Probable Tuff Units</p> <ul style="list-style-type: none"> -strongly foliated to moderately sheared -chlorite and sericite alteration; moderate carbonatization -dark green; lighter brown green sections with increased sericite -types of tuff units: moderately foliated, light coloured calcareous tuff fragments; strongly foliated, finer tuff with threads and fine calcite stringers; finely laminated; or combinations of the above -shearing/foliation: 40-10 degrees to CA -minor pyrite cubes/clots, fine to 1/4" - 25% carbonate stringers, threads - 3-5% quartz carbonate veinlets, generally, trace to no visible sulphides - 481.0': 1-1/2 feet of 65% quartz carbonate in sericite/chlorite altered material, trace sulphide - 535.0': 1 foot, about 75% quartz carbonate in sericite/chlorite altered material, trace sulphide - 542.7-547.0': 55% quartz carbonate veinlet/veins in sericite/chlorite altered volcanic, no visible sulphides 						
587.0	617.0	<p>Mafic Volcanic</p> <ul style="list-style-type: none"> -fine grained -medium green -banded and brecciated sections, possible flow contact -sericite alteration -strong foliation: 40 degrees to CA, occasionally at low angle to CA -minor pyrite, locally to 2% - 20% irregular calcareous stringers and threads with feathery 						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
617.0	685.65	<p>boundaries -several narrow quartz carbonate stringers, some with purple hematite staining; at 611.7', 1 inch quartz carbonate stringer with several grains of chalcopyrite</p> <p>Massive Mafic Volcanic -fine grained -dark green, medium green sections -chlorite alteration -patchy sericite alteration -weak carbonatization -creamy feldspar phenocrysts, oval, up to 1 inch -up to 15% carbonate as irregular stringer networks with feathery boundaries, in felsic masses, and in the occasional quartz carbonate stringer -minor pyrite, trace fine chalcopyrite</p>						
685.65	707.0	<p>Flow Contact -at start gradational change from previous unit to dark to medium green volcanic with 25% irregular fine carbonate stringers, masses and threads, with feathery boundaries and occasional quartz stringers producing a lacy appearance to about 693.0'; core colour gradually changes to grey near following felsic section - 693.5-696.4': felsic section with grey quartz and cherty bands, swirls; trace pyrite -gradual return to green volcanic with lacy carbonate -by 701.0, flow top breccia containing heterolithic volcanic fragments, up to 3" wide and exceeding the drill core width; fragments at 45 degrees to CA, often deformed; occasional creamy feldspar phenocrysts, to 1/2", both within fragments and interstitially -trace sulphide overall</p>						
	707.0	<p>End of Hole Core stored: #9 Kamiskotia Lake, Robb Twp., Timmins, Ontario</p>						

Brenda Macfarlane



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SHEET 1

DIAMOND DRILL CORE LOG

Denton Resources Inc.

HOLE NO: 9806
 PROPERTY/AREA: Mosher Lake Grid
 TOWNSHIP: Keefer Twp., Ontario
 CLAIM NO: P. 817605
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: June 16, 1998

DIP TESTS - Acid

DEPTH	DIP	AZIMUTH
203.0 ft	-45.5 degrees	--
406.0 ft	-44.0 degrees	--

COORDINATES: 1400E / 800S
 DIP AT COLLAR: -51 degrees
 AZIMUTH: 360 degrees
 ELEVATION: Surface: 0.0
 STARTED: May 29, 1998
 FINISHED: May 31, 1998

TOTAL DEPTH OF HOLE: 406.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
0	8.4	Overburden							
8.4	19.1	Mafic Volcanic -massive -medium green -medium grained; from 17.5': fine grained -moderately foliated: 45 degrees to CA -moderate carbonatization -occasional hematite stained fractures, pink purple -minor fine pyrite cubes -less than 1% carbonate stringers -occasional rusty fractures; patchy rusty core to 16.0'							
19.1	25.2	Banded Mafic Volcanic -fine grained -dark green to brown green -banded appearance, 60 degrees to CA; some convoluted bands -moderate to strong sericite alteration - 19.1-19.6': bleached core - 15% narrow, irregular quartz and carbonate stringers overall - 19.7-20.4': 40% quartz carbonate irregular, grey stringers; 2-3% sulphides: pyrite cubes to 1/8"							

D.D.H. : 9806

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
25.2	74.2	Mafic Volcanic -medium green -medium grained, some fine grained sections -massive -foliation: 35-45 degrees to CA -carbonatized -fine grained cream calcite crystals and fine mica flakes give core speckled appearance between 66.0-74.2' - 5% irregular quartz and carbonate stringers, several irregular 1-2" quartz carbonate veinlets, no visible sulphides -minor scattered fine pyrite							
74.2	104.0	Tuff and Cherty Interflow Units -gradational change from previous unit -green coloured, chloritic at start of unit; becoming purple-black and grey-green with some hematite staining; some sections are magnetic -calcite crystals continue to 78.0' - 76.0': becomes fine grained and faintly banded -thin light coloured laminae, sometimes calcareous -numerous buff and sericite altered grey-buff coloured bands/masses from fine to 1" -strong sericite alteration overall -bedding/foliation: 35 degrees to CA with local variations, small folds, convolutions trace scattered pyrite cubes to 1/4" - 20% irregular quartz carbonate veins - 81.5-82.65': vein, 80% quartz carbonate, 1% hydromuscovite, with sericitic inclusion material, scattered 1/8" pyrite cubes at down hole wallrock contact and in wallrock inclusions - 90.0-90.4': irregular vein, 75% quartz, 20% cream							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
104.0	161.55	<p>carbonate, 2-3% tourmaline, 2-3% sericitic inclusions, several chalcopyrite clots</p> <p>- 91.25-91.7': irregular vein in broken core, 50% quartz with cream and pink carbonate, 50% sericite/chloritic inclusions, no visible sulphides</p> <p>- 94.5-94.8': irregular quartz cream carbonate veinlet with trace green mica, no visible sulphide</p> <p>- 98.6-99.3': irregular veinlet partly down CA, 40% quartz and cream carbonate, sericitic wallrock, trace green mica, no visible sulphide</p> <p>- 100.0-103.8': several veins, 50% quartz carbonate, 50% strongly altered sericitic/chloritic wallrock, possible tourmaline, no visible sulphide; 2" after above veins: several chalcopyrite networks/clots to 1/2"X 1/4", scattered pyrite cubes to 1/4"</p> <p>-rusty core: 87.0-98.4'</p> <p>Tuff Units</p> <p>-bedding: 40 degrees to CA</p> <p>- <u>104.0-118.25'</u>: grey-green, faint thin laminae, fine grained, strong sericite alteration, moderate carbonatization</p> <p>-less than 1% quartz carbonate stringers</p> <p>-trace to minor sulphides : fine stringers of pyrite; trace chalcopyrite as thin clots to 1/8" wide on slip planes noted from 98.8-114.7'</p> <p>sericitic wallrock inclusions, no visible sulphides</p> <p>- <u>118.25-125.3'</u>: green to grey tuff with intercalated chert rich sections</p> <p>-contacts, sharp at 35-40 degrees to CA</p> <p>-tuffs, fine grained, 2-6" wide, chlorite alteration, 5-10% sulphide: scattered 1/4" pyrite cubes along bedding planes and trace chalcopyrite</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
161.55	206.0	<p>-grey-black cherty bands, 1" to 9" wide, sericite; trace sulphides</p> <p>-10% quartz carbonate stringers, minor pyrite and trace chalcopyrite</p> <p>- 124.5': 3" irregular quartz carbonate veinlet, 10%</p> <p>- <u>125.3-161.55'</u>: tuff units with intercalated chert</p> <p>-tuff units are medium to fine grained, green-grey</p> <p>-fine grained tuffs have thin, light coloured, often calcareous laminae; green to grey green down hole</p> <p>-patchy sericite alteration</p> <p>-less than 1% quartz and carbonate stringers</p> <p>- 124.1-124.6': irregular veinlet, 60% quartz carbonate, grey sericite wallrock, trace fine pyrite</p> <p>- 126.4-127.35': 80% quartz and cream carbonate, sericitic wallrock, minor hydromuscovite</p> <p>- minor pyrite overall, local concentrations to 1-2% of scattered cubes to 1/8" or narrow lenses of fine pyrite in laminae</p> <p>-chert rich sections: from grey chert rich bands to banded Iron Formations (BIF), to 6" wide, occasionally magnetic</p> <p>- 136.45': narrow magnetic calcite bands with quartz, red hematite stain, pyrite, magnetite</p> <p>- 137.3': narrow, magnetic, cream chert bands</p> <p>-160.0-161.0': 1/4" cream calcareous phenocrysts</p> <p>-broken core: 159.2', 165.0'</p> <p>Tuff Units</p> <p>-strongly foliated: 35 degrees to CA</p> <p>-buff dark grey to dark grey</p> <p>-medium grained with cream, non-calcareous grains, elongated, fine grained to 1/2"</p> <p>-occasional lapilli sized fragments, 196.6-199.0'</p> <p>-cherty sections</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS	
FROM	TO									
206.0	250.0	<p>-increased sericite alteration -bleached core: 177.1-177.7' -less than 1% quartz carbonate stringers -minor fine pyrite, local clots to 1/4" - 187.2-189.4': tuff/grey-black chert/calcite beds; slightly magnetic - 190.0-190.7': as above, magnetic - 193.6-193.8': as above - 194.3-196.0': cream calcite phenocrysts in fine grained tuff</p> <p>Tuff Units -black to dark grey, fine to very fine grained sericite altered tuff and ash with intercalated chert bands -narrow chert bands, 20 degrees to CA, often magnetic -sericite is greasy -trace pyrite, -patchy magnetism - 218.3-223.1': irregular quartz carbonate stringers, some minor hydromuscovite, occasional local concentrations of pyrite, occasional specks of chalcopryite - 207.1-208.1': two irregular quartz carbonate veinlets, 60% quartz carbonate with hydromuscovite, 5-10% chalcopryite and pyrite</p>								
250.0	326.0	<p>Tuff Units -similar to above -crenulated grey sericite gives fine grained tuffs a distinctive sheen, 250.0-262.0' -increased shearing; variable direction: 35 degrees to CA to down the CA - 252.0-273.7': 1-2" quartz carbonate stringers with</p>								

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
		nil to minor sulphides: chalcopyrite, pyrite - 279.2': 5" irregular carbonate-quartz-sericite veinlet, minor pyrite and chalcopyrite, hydromuscovite? - 280.2': 8 1/2" irregular carbonate-quartz-sericite veinlet, minor pyrite and chalcopyrite - 281.1-283.5': 85% quartz and minor cream carbonate, sericitic inclusions, trace pyrite - 288.7-292.0': series of quartz carbonate stringers, trace to 2% pyrite, specks of chalcopyrite - 292.9-298.5': 1" to 2" quartz carbonate stringers with no visible sulphides - 300.35': 1/4" chalcopyrite clot in tuff - 309.2-310.88': 75% quartz and minor carbonate, trace pyrite -last 6" of this unit is altered blue							
326.0	330.8	Lamprophyre Dyke -medium grained -purple brown -strong magnetism -1/8" white calcite phenocrysts to 327.5' -dark subangular 1/2" phenocrysts -contacts, 50 degrees to CA							
330.8	338.4	Tuff Units -fine grained -dark green with narrow cream coloured bands and laminae -shearing: 32 degrees to CA -5% quartz carbonate stringers, core is not carbonatized -trace pyrite cubes to 1/8" -approaching highly sheared unit below, small folds							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)		COMMENTS
FROM	TO								
338.4	358.3	<p>in bands and laminae</p> <p>Highly Sheared Tuff? Units -original textures obscured -very strong shearing: 30 degrees to CA -core holds together well -65% light cream, 35% dark green material -trace calcareous material -minor pyrite</p>							
358.3	406.0	<p>Tuff Units -grey-green, grey, grey-black -medium to fine grained, some very fine grained calcareous bands -strong foliation/shearing: 40 degrees to CA -some high shear sections similar to previous unit -high sericite alteration decreasing down hole - 5-10% quartz carbonate stringers/veinlets; most have no visible sulphides - 358.55-359.7': 60% quartz carbonate stringers, no visible sulphides - 367.5-368.9': subrounded calcareous phenocrysts to 1/4"; seen elsewhere, best developed here - 3-5% pyrite overall, local concentrations to 5-10% - 390.1': 5% magnetite and 5% pyrite in 3" irregular carbonate-quartz stringer</p>							
	406.0	<p>End of Hole</p>							
		<p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario</p>							

Brenda Mackay



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DIAMOND DRILL CORE LOG

Denton Resources Inc.

SHEET 1

HOLE NO: 9807
 PROPERTY/AREA: Mosher Lake Grid
 TOWNSHIP: Keefer Twp., Ontario
 CLAIM NO: P. 817605
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: August 14, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
397.0 ft	-43.0 deg.	--

COORDINATES: 1400E / 1925S
 DIP AT COLLAR: -50.5 degrees
 AZIMUTH: 180 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 1, 1998
 FINISHED: June 3, 1998

TOTAL DEPTH OF HOLE: 397.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)
FROM	TO						
0	16.5	Overburden					
16.5	29.1	Metasediments -fine to medium grained -pervasive green tint to core due to strong epidote alteration -bedding/foliation: 50 degrees to CA -beds: fine laminae to 5 inches wide; longer units to several feet of vaguely bedded sediments without sharp contacts -strong foliation, some local shearing -red hematite stained fractures -broken, blocky, rubbly core common					
29.1	32.7	Lamprophyre Dike -sharp irregular contacts -zoned -carbonatized, white calcite grains -dark mica phenocrysts 1/8-1/4" -fine to medium grained black brown matrix -magnetic -1" off-shoot in the metasediments at 63.5'					
32.7	101.9	Metasediments -as above; bedding 60 degrees to CA - pink hematite, staining beginning near 67.0', in addition to the green epidote alteration - 56.0-56.3': fine grained, brown dike, syenite? Metasediments					

D.D.H. : 9807

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
		<p>sheared/altered one foot preceding dike -small fold, 79.1-79.5' -trace pyrite, scattered cube to 1/4" - 81.25-82.1': quartz feldspar dike; pink, white, grey phenocrysts, 1/16" in fine grained pink-brown matrix; contacts and foliation: 60 degrees to CA; trace pyrite - 91.6-92.3': fine grained grey dike, foliated; foliation, contacts at 60 degrees to CA; lacks hematite or epidote staining of adjacent sediments</p>						
101.9	117.1	<p>Syenite? Dike -fine grained pinkish brown with scattered pyrite in the dike center -fine grained grey green toward margins -possible fine grained green inclusions at 111.0-112.0', and 113.8-114.7' -contacts: upper, 63 degrees to CA; lower, 58 degrees to CA</p>						
117.1	133.5	<p>Metasediments -as above -bedding: 60-70 degrees to CA -decreasing epidote and hematite alteration - 117.2-119.9': very fine grained chloritic black matrix with pinch and swell bodies, possible stretched clasts, elongate at 63 degrees to CA, less than 1/2" wide; pink garnetiferous masses developed in matrix along bedding planes - 129.0' to end of unit: finely laminated grey, black, and brown, fine grained sediments -blocky core after 131.0'</p>						
133.5	134.9	<p>Quartz Feldspar Porphyry -fine grained upper margin, no phenocrysts -body of dike, pink and white feldspar and grey quartz phenocrysts to 1/8" in a fine grained pink-brown-grey matrix -minor pyrite -contacts: upper, 60 degrees to CA; lower, irregular, flatter</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
134.9	166.8	Metasediments -sheared -bedding/shearing: 60-70 degrees to CA -brown, brown-grey, brown-black sediments with occasional green, beige and bluish coloured sediments -fine to medium grained -thinly laminated to over a one foot wide beds having vague bedding or poor sorting -minor epidote and hematite alteration especially around fracture at 126.0' - 137.8-138.0': possible stretched clasts to 1/2" wide -minor pyrite -blocky/broken core						
166.8	176.3	Syenite Dike -dark coloured, zoned -brown fine grained matrix with mafic clots or phenocrysts, less than 1/16" to a medium grained grey-black matrix with/without white, feathery, very flattened phenocrysts to 1/4" long -becomes green, fine grained, approaching ultramafic contact						
176.3	203.4	Ultramafic Intrusive? Flow? -soft -fine to medium grained -green and grey sections, occasional black -broken, crumbled core 196.5-198.3' - 199.7-202.6': possible flow contact? Several repetitions of grey-green medium grained to black fine grained ultramafic						
203.4	204.6	Syenite? Dike -fine grained, brown-grey -minor pyrite -upper and lower contacts: 48 degrees to CA						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
204.6	205.4	Ultramafic Intrusive? Flow? -soft, broken crumbly rock -black-green to dark green coloured						
205.4	207.2	Magnetite Iron Formation -strongly magnetic -several 1/2" green and felsic (quartz) bands at 60 degrees to CA with magnetite, at start of unit - 205.5-206.0': relatively unbanded magnetite iron formation, dark green to black-green, minor pyrite - 206.0-207.2': 60% quartz banding with magnetite in dark green magnetite material; banding at very low angle to CA; minor pyrite						
207.2	228.3	Metasediments -strong foliation -bedding/foliation: 55-50 degrees to CA -finely bedded, fine to medium grained black, grey, dark green units -larger more vaguely bedded fine to medium grained units -increase in unsorted pebble conglomerates; pebbles to 3/8", some pink hematite stained which resemble the quartz feldspar porphyries; from 1" to 1-1/2 feet wide (near 227.0'); some composed only of quartz pebbles; - 214.5': 1/8" stringer of pyrite - 216.8': fine grained pyrite stringer -local minor scattered pyrite approaching dike contact						
228.3	231.0	Dike -medium to fine grained -pink-brown-grey with mafic phenocrysts? clots? to 3/8" -minor pyrite -moderately carbonatized						
231.0	242.7	Metasediments -massive greywacke to 2.3' thick; argillaceous greywacke; pebble						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
242.7	244.4	<p>conglomerate; with and without sharp contacts -strong foliation -bedding/foliation: 60 degrees to CA</p> <p>Syenite? Dike -fine to medium grained -pink-brown-grey colour -minor pyrite</p>						
244.4	266.8	<p>Metasediments -mica rich greywacke -248.15-248.4': 10% pyrite in several pyrite stringers in bedding plane, largest from 1/16" to 1/4" -after 258.0': laminated argillite, cherty or quartz rich, and grey wacke units -minor pink hematite staining -boudinage textures -local weak magnetism -local calcareous laminae and hairline fracture filling</p>						
266.8	269.5	<p>Quartz Feldspar Porphyry -similar to that previously described -white and cream feldspar and quartz phenocrysts about 1/16", rounded, subangular -fine grained grey matrix includes over 50% biotite -trace pyrite -contacts: upper, 71 degrees to CA; lower, irregular</p>						
269.5	285.3	<p>Metasediments -thinly bedded sediments as 258.0-266.8' -minor local pyrite -bedding, foliation: 60-70 degrees to CA</p>						
285.3	290.55	<p>Syenite? Dike -fine to medium grained</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
290.55	322.0	<p>- 4" contact margin at either end -similar to 228.3-231.0' -center of dike: grey, white, and black coloured, no carbonatization; weak patchy carbonatization elsewhere -contacts: upper, 51 degrees to CA; lower, 64 degrees to CA; concordant to strike of bedding in adjacent sediments -minor pyrite</p> <p>Metasediments -similar to 269.5-285.3' -bedding and strong foliation: 60 degrees to CA -laminated argillites, cherty beds, and vaguely bedded fine to medium grained, dark brown to black units - 291.8': 1-1/4" magnetite rich sediment, dark green-black, fine grained, matrix is 20% fine calcite, 5% fine pyrite -some alteration; hairline fractures in all directions - 313.5-315.0': altered with 15% calcite threads adjacent to a 1" wide quartz stringer at 314.6' which has 1/4" of calcite and green serpentine in wallrock</p>						
322.0	322.8	<p>Syenite Dike -fine grained, pink-brown-grey coloured -contacts, not sharp -minor fine pyrite</p>						
322.8	329.5	<p>Metasediments -as above -bedding and string foliation: 70-80 degrees to CA -some finer grained units "stream" around harder, 1-1/2" masses/clots</p>						
329.5	330.4	<p>Syenite Dike -fine grained, grey-brown -fine pyrite -contacts: upper, 70 degrees to CA, lower, 48 degrees to CA</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
330.4	332.6	Metasediments -as above, now with green epidote alteration which decreases away from the syenite dike						
332.6	334.8	Quartz Feldspar Porphyry Dike -as previously described, 266.8-269.5' -contacts about 67 degrees to CA						
334.8	335.5	Metasediments -as 269.5-285.3 -bedding and foliation: 70 degrees to CA						
335.5	336.9	Quartz Feldspar Porphyry -as above -two fine grained bands, 1/2" to 1-1/2" wide, resembling sediments but oriented at 60 degrees to CA, in opposing direction from metasediments						
336.9	397.0	Metasediments -thinly laminated to thinly bedded argillaceous sediments - grey, grey-brown, and grey-black; cherty or quartz-rich beds -quartz-rich or cherty beds have a grey-blue and green-black colour -strong foliation and bedding: 65 degrees to CA -minor scattered fine pyrite overall, locally as stringers in bedding plane; some local concentrations to 3% with stringers to 1/4" wide -patchy magnetism near end of hole, 397.0' - 361.7-363.2': quartz "pebble conglomerate, pebbles to about 1/16"; or porphyry dike? - 391.65': 1-1/2" lamprophyre dikelet; magnetic, strongly carbonatized, flat mica phenocrysts						
	397.0	End of Hole Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ont.						

Brenda Mackay



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DIAMOND DRILL CORE LOG

Denton Resources

SHEET 1

HOLE NO: 9808
 PROPERTY/AREA: Mosher Lake Grid
 TOWNSHIP: Keefer Twp., Ontario
 CLAIM NO: P. 817604
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: August 13, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
300 ft	-46.5 deg.	--

COORDINATES: 190W / 1773S
 DIP AT COLLAR: -49 degrees
 AZIMUTH: 156 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 4, 1998
 FINISHED: June 6, 1998

TOTAL DEPTH OF HOLE: 300.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
0	7	Overburden						
7.0	40.9	Metasediments -medium, fine, very fine grained sediments -generally black, black grey, green coloured -occasional coarser (1/16") grained, foliated, pink tinted -occasional cherty bed -bedding: thin to one foot or more; 40 degrees to CA -sediment contacts, both sharp and vague -strong foliation: 40 degrees to CA -occasional pinch and swell texture, possible stretched clasts? -chloritic -calcareous, hairline fracture filling; hematite stained fracture filling -trace to minor fine sulphide -hematization of core: 31.5-38.6'; strongest, brightest pink red, 32.75-37.0' -39.5': moderately magnetic -rusty weathering: 7.7', 11.5', 13.9', 38.0', 39.7' -rusty fractures common						
40.9	43.1	Quartz Feldspar Porphyry Dike -grey, cream, pink phenocrysts, average size: 1/8", subangular -grey fine grained matrix with some flat black clots -trace pyrite, chalcopyrite -hematized -upper contact: 40 degrees to CA						

D.D.H. : 9808

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
43.1	44.0	Fine Grained Grey Dike -composition similar to the matrix of the previous quartz feldspar porphyry dike, separate phase? -minor fine sulphides -string foliation: 40 degrees to CA -contact with above unit: 40 degrees to CA; lower contact: 40 degrees to CA						
44.0	47.0	Metasediments -as described above -bedding: 45 degrees to CA -rusty fracture at 47.0'						
47.0	48.5	Quartz Feldspar Porphyry Dike -as previously described -weakly hematized -contacts: 40 degrees to CA						
48.5	65.5	Metasediments -as described above -bedding 40 degrees to CA at start on unit and at 57.0' below small fold -54.3-55.8': gentle fold, local carbonatization in core -within area of fold, brown alteration and brecciation for several inches above and below a fracture at 54.9' -rusty, weathered, broken fracture, 51.0' -rusty fractures, hematite staining common						
65.5	66.8	Grey Dike -fine grained, flat dark clots -similar to 43.1-44.0' -2% pyrite cubes, less than 1/16" -foliated: (top) 36 to (bottom) 40 degrees to CA -contacts: upper, 36 degrees to CA; lower 40 degrees to CA						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
66.8	78.0	Metasediments -as previously described -bedding: 35 degrees to CA at start; gradual change to 77.0', down the CA						
78.0	83.0	Altered Metasediments -strong foliation: 10-15 degrees to CA, bedding -increase in mica -no very fine grained beds or cherty beds, 1/8" calcareous phenocrysts in coarser grained beds - 78.5': 3" wide brecciated, truncated, irregular white quartz carbonate mass; 5-8% pyrite in wallrock and wallrock inclusions -rusty core and fracture: 78.0' -rusty core and hematite staining: 82.3'						
83.0	85.2	Quartz Stringer Zone in Altered Metasediments - 15-20% irregular quartz stringers -altered metasediments: grey, siliceous; bedding: variable, swirls - 3-4% pyrite						
85.2	88.2	Ultramafic Intrusive -light grey-green, has a sheen -soft, talcose - 1/2" talc-serpentine phenocrysts, same colour as core -upper contact: transitional, alteration in wallrock (preceding metasediments) -lower contact: sharp, irregular - 87.4-87.8': 20% pyrite cubes to 1/4"						
88.2	90.3	Altered Rock -wallrock?, chill margin? -88.7' broken rusty core						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
90.3	95.5	Syenite Dike -purple-grey-brown -fine to medium grained - 1% fine pyrite - 1" chill margin - 91.3': 6" ultramafic inclusion, fine grained, soft, grey green -broken, rusty core: 94.4', 97.0' -blocky core elsewhere, rusty fractures common -upper contact: 30 degrees to CA; lower contact: 55 degrees to CA						
95.5	104.4	Ultramafic Intrusive -light blue-grey -soft, talcose - 1% pyrite near 96.0' -blocky core -fine grained, dark green contact margin: 103.7-104.4'						
104.4	107.0	Syenite Dike -badly broken/ground core; pebble sized pieces -purple brown matrix - 1/16-1/8" phenocrysts, pink, cream -trace sulphide -upper contact: 30 degrees to CA; lower contact: in rubble						
107.0	112.0	Ultramafic Intrusive -some ground core at start, in contact -blue-grey -soft, talcose -blocky -trace pyrite -carbonatized near 112.0', core has empty vugs to 1/8"						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
112.0	116.0	Syenite Dike -transitional chill margins both upper and lower contacts; about 6" green next to the ultramafic, than black material then syenite as previously described -chromite seen in upper chill margin in black material -minor fine sulphides -rusty broken core, 109.5-110.6'						
116.0	120.5	Ultramafic Intrusive -as previously described, no vugs -scattered pyrite cubes -carbonatized near lower contact						
120.5	129.4	Syenite Dike - multi-phase - 120.5-127.9': pink-grey, fine to coarse grained - 127.9-129.4': red-grey, finer grained -trace to minor fine pyrite -blocky core; rusty broken core at 125.0"; occasional rusty fractures -upper contact: 50 degrees to CA, 6" chill margin as seen previously						
129.4	140.6	Ultramafic Intrusive - 129.4-130.8': transitional chill margin -fine grained purple black to medium green soft core -upper contact: 25 degrees to CA -grey to green-blue-grey -soft, talcose -medium grained to fine grained in alteration at lower contact -lower contact: 53 degrees to CA - 1% scattered pyrite as fine to 3/8" cubes - 2-3% narrow quartz and carbonate stringers -patchy carbonatization						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
140.6	147.0	Syenite - multi-phase - 140.6-142.5': fine grained with flat, foliated black clots, 1/4" long in pink-grey matrix; -strong foliation: 45 degrees to CA - 142.5-147.0': medium grained, pink-grey with unflattened black phenocrysts 1/16-1/8', becomes fine grained at lower contact -trace fine pyrite -rusty fractures						
147.0	148.6	Ultramafic-Mafic Intrusive -dark green -fine-medium grained - 1% scattered fine pyrite -contacts: upper, 50 degrees to CA; lower, 55 degrees to CA						
148.6	164.8	Metasediments -as previously described -moderate, patchy hematization: reddish brown pink to bright orange red -bedding: about 60 degrees to CA -occasional quartz stringer -rusty and hematite stained fractures						
164.8	168.6	Mafic Dike -zoned -fine grained, dark green, black green, medium green - 1/4" felsic clusters at upper margin and in zones throughout - 5% pyrite masses to 1-1/2" X 1/2" -contacts: 57 degrees to CA						
168.6	202.5	Metasediments -as 148.6-164.8'						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
202.5	205.1	Feldspar Porphyry Dyke -pink subangular phenocrysts to 1/8", in brown grey matrix -upper contact: 60 degrees to CA -lower contact: 55 degrees to CA						
205.1	235.6	Metasediments -as above -some hematized beds -bedding: 55 degrees to CA at start -gradual down hole change 25 degrees to CA by 232.0' - 208.9-209.5': fine grained grey dike, small black grains or clots, contacts about 55 degrees to CA -rusty weathering/fractures -minor pyrite in fractures - 222.0': 2" mafic dike, fine grained, green grey - 227.0': 3" quartz stringers						
235.6	300.0	Diabase Dike -with epidote altered syenite inclusion and lamprophyre dike -magnetic -fine grained, dark grey -irregular contact with sediments; very fine grained, green-grey, carbonatized margin to 237.8' -blocky core -altered syenite inclusion: 223.0-228.0', fine grained, fractured, much epidote development, gradational contacts -lamprophyre dike, 290.9-295.0', sharp irregular contacts, zoned, carbonatized-white calcite grains, dark mica phenocrysts 1/8-1/4", fine to medium grained black brown matrix, magnetic						
	300.0	End of Hole Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario						

Brenda MacLachlan



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DIAMOND DRILL CORE LOG

Denton Resources

SHEET 1

HOLE NO: 9809
 PROPERTY/AREA: Godon Lake Grid
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949912
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: June 19, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
306.0 ft	-58.0 deg.	--

COORDINATES: 338W / 210S
 DIP AT COLLAR: -51.5 degrees
 AZIMUTH: 292 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 9, 1998
 FINISHED: June 11, 1998

TOTAL DEPTH OF HOLE: 306.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
0	13.6	Overburden						
13.6	14.8	Quartz Vein -white quartz, minor carbonate, possible boulder						
14.8	109.0	Sheared Sericite Altered Volcanic -white to cream, calcareous bands in medium to fine grained chloritic matrix -bands: laminae, from fine to 1/4" thick; possible sheared tuffs? -strong sericitic alteration, brown-orange sericite is prominent -strong variable shearing: 20 degrees to CA to parallel to CA; kinking and folding common - 5-10% quartz and creamy calcareous carbonate - 48.85-49.6': 50% quartz carbonate in sericitic/chloritic wallrock, specks chalcopryrite - 68.0-71.8': 40% quartz carbonate in sericitic/chloritic wallrock, trace pyrite -short lengths of grey and white calcareous, mottled, sheared material at 83.4-83.9', 84.4-85.5'						
109.0	159.7	Sheared Sericite Altered Volcanic -brown grey to the green and white colour of above unit -in sections of less intense shearing, possible thinly bedded tuff units at 15 degrees (or less) to CA; calcareous, occasionally cherty -folding and kinking observed						

D.D.H. : 9809

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
159.7	185.25	<ul style="list-style-type: none"> -sericite alteration -less than 1% quartz carbonate stringers -trace to minor pyrite, local concentrations 3-5% in tuff laminae -local specks and clots of chalcopyrite in quartz carbonate stringers -bleached core: 156.4-157.6' -broken/fractured core; commonly breaking along shear planes, at low angle to CA <p>Strongly Sheared Volcanics</p> <ul style="list-style-type: none"> -gradational contact -grey green with cream, white, brown carbonate masses/bands -increased intensity of shearing from previous unit; shear variable: 20-50 degrees to CA to down CA -sulphides: trace to 2% pyrite, specks chalcopyrite -sericite alteration -5% quartz carbonate stringers, decreasing down hole -rusty fractures: 183.25-184.6' 						
185.25	212.7	<p>Highly Sheared Volcanics?</p> <ul style="list-style-type: none"> -green and cream coloured with overall golden colour to core -non-calcareous -sericite alteration -shearing, variable- down CA, small folds and some brecciation -1-2% narrow irregular quartz carbonate stringers at low angle to CA -rusty fracture: 196.25'; core often broken at low angle to CA 						
212.7	244.15	<p>Highly Sheared Volcanics? With Quartz Carbonate Veins</p> <ul style="list-style-type: none"> -green and cream coloured -sericite alteration -patchy carbonatization -shear intensity, variable; direction variable, low angle to CA - brecciation, folding 						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
244.15	306.0	<p>-trace to minor pyrite - 40% quartz carbonate veins/stringers - 213.45-214.5': 3/4" quartz carbonate stringer down CA, 80% pyrite cubes to 1/8", minor arsenopyrite, specks chalcopyrite -216.2-217.5': 80% quartz carbonate with minor pyrite, brecciated in sericitic wallrock; broken core - 217.5-224.0': 50% quartz carbonate, threads, stringers, veinlets in highly sericite altered rock, minor pyrite- locally 5% on slip faces, minor hydromuscovite; core broken, crumbly throughout this interval - 226.5-229.75': 50% quartz carbonate, irregular stringers at low angle to CA , sericitic wallrock, local hydromuscovite - 235.0-237.25': quartz and minor cream carbonate, 15% sericitic material, local hydromuscovite - 237.9-241.6': as above, likely same vein - 241.0-244.5': increased carbonatization, locally 20% pyrite in a quartz carbonate stringer, 243.5' -core is blocky/broken/crumbly: 216.0-223.0'; broken core, 227.5'; 232.0-235.0', 237.75'</p> <p>Strongly Sheared Volcanic -shear direction, variable until 300.0' where it is consistently at low angle to CA -intensity of shear decreasing down core, by 300.0', sheared mafic volcanic -in high intensity shear at start: core is 50% cream coloured (non-calcareous), 50% grey green, with moderate sericite alteration and weak patchy carbonatization -by 300.0': grey green sericite altered, carbonatized mafic volcanic with 5% quartz carbonate, decreasing to 1% by end of hole -minor pyrite, decreases down hole - 284.0-286.0': quartz carbonate stringers oriented down CA, 5% pyrite; 285.45': 6" dark grey quartz veinlet with hydromuscovite,</p>	29457	284.0	286.0	2.0	7.73	



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SHEET 1

DIAMOND DRILL CORE LOG

Denton Resources

HOLE NO: 9810
 PROPERTY/AREA: Godon Lake Grid
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949908
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: June 15, 1998

DIP TESTS - Acid

DEPTH	DIP	AZIMUTH
296.0 ft	-58.0 deg.	--

COORDINATES: 385W / 247S
 DIP AT COLLAR: -51.5 degrees
 AZIMUTH: 300 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 11, 1998
 FINISHED: June 12, 1998

TOTAL DEPTH OF HOLE: 296.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
0	9.0	Overburden						
9.0	10.2	Bleached Volcanic -buff coloured, broken core						
10.2	11.0	Quartz Carbonate -pink, no visible sulphide -in sericite altered volcanic -broken core						
11.0	20.5	Sheared Sericite Altered Mafic Volcanic? -dark green with buff coloured, narrow bands; also narrow white calcareous lenses, bands -possible tuff units -shear direction, variable: 20 degrees to CA to down CA, folding -sericite and carbonate alteration 12.5-16.0': irregular pink quartz carbonate veinlet oriented down CA, to 1-1/2" wide; trace sulphide, specks chalcopyrite -broken core: 11.0-12.0', 12.5-14.0'						
20.5	69.3	Sheared Tuff Units -broken, crumbly and lost core sections -beds?: laminae to 1/2"; green-pink, medium green, white, medium grained and dark green fine grained beds, some calcareous -1-2% quartz carbonate stringers, some pink						

D.D.H. : 9810

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
69.3	102.5	<p>-bedding/shearing: 20 degrees to CA -at 29.8' and at 32.5': 1/2" pinkish layers are slightly brecciated, truncated - 34.9-36.2' and 36.7-38.0': pinkish fragments about 6" X 1", coarsely banded subrounded, in fine grained dark green matrix; brecciated sections are separated by several thin tuff layers as seen above - coarsely banded pinkish fragmental, same composition as above; core is badly broken - 39.5-46.0': lost core; rubbly, blocky, broken core to 70.5' - 46.0-56.0': mostly rubble, sheared sericitic volcanic with narrow calcareous laminae? carbonatized; shear: at low angle to CA; 1-2% quartz carbonate stringers; orange-brown sericite in dark green matrix - 56.0-69.3': sheared strongly sericitic volcanic; carbonatized; brown-green with brown orange sericite; shear: at low angle to CA, locally variable with small tight folds; core more consolidated than previous but still some rubbly or broken core; 60% core is rusty; at 66.7', 1/2" pink carbonate quartz stringer with 1-2% local pyrite in wall rock</p> <p>Chloritic Volcanic -less sheared at beginning of this unit; shearing increases about half way to next unit -moderate sericite alteration -banded nature, may be tuff -carbonatized -medium green with calcareous bands -shear/foliation: variable, 23 degrees to CA to low angle, some folding -after 93.0', buff sericite clots to 1/16" X 1/4" -minor pyrite - 1-2% quartz carbonate stringers - 99.2-101.7': 35-40% quartz carbonate stringers and veinlet, local</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
102.7	296.0	<p>concentrations of bright emerald green hydromuscovite; trace sulphide - 102.5': rusty fracture</p> <p>High Shear Zone -cream coloured bands and mottles in medium green fine grained matrix -shearing is variable in intensity and direction: 40 degrees to CA to down CA; core holds together well to (126.0') - 108.1': rusty fracture and stringer -minor scattered fine grained pyrite and chalcopyrite -minor hydromuscovite in some quartz carbonate stringers - 5% quartz carbonate stringers, local sulphide concentrations to 2-3% pyrite cubes to 1/8"</p> <p>126.0-221.5': core dropped at drill</p> <p>-textures in the distinctive cream and green coloured shear zone are variable: mottled to swirled bands, small folds, kink-banded, some brecciation -shear direction is generally down the CA or at low angle to CA -sericite alteration -patchy carbonization to about 238.0'; several narrow irregular calcite stringers -minor sulphide, pyrite and chalcopyrite; local concentrations, ie several inches of 5-8% pyrite in quartz carbonate stringer at 238.9' and 2% chalcopyrite in 1/4" stringer at 254.7' - 221.0-258.0': 10-20% irregular quartz and creamy carbonate stringers; hydromuscovite development - 240.8-242.8': irregular brecciated quartz carbonate veinlet down CA, 70% quartz and carbonate, minor bright green hydromuscovite, trace to minor pyrite - 258.0' to end of hole: decrease in quartz carbonate stringers</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
	296.0	-core is frequently fractured at low angle to CA, along shear planes -blocky, broken core 245.0-267.0' and at end of hole End of Hole						

Brenda MacRae



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DIAMOND DRILL CORE LOG

Denton Resources

SHEET 1

HOLE NO: **9811**
 PROPERTY/AREA: **Godon Lake Grid**
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949908
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: July 10, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
305.0 ft	-46.5 deg.	--

COORDINATES: 530W / 245S
 DIP AT COLLAR: -50 degrees
 AZIMUTH: 112 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 13, 1998
 FINISHED: June 14, 1998

TOTAL DEPTH OF HOLE: 305.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
0	3.3	Casing in bedrock						
3.3	24.5	Mafic Volcanic -fine to medium grained -dark green -massive -foliation: 60 degrees to CA -less than 1% quartz carbonate stringers/threads -trace fine pyrite -chloritic; patchy carbonatization -broken core throughout; rusty fractures						
24.5	27.0	Mafic Volcanic -medium green -medium grained -15% narrow calcite stringers/threads -carbonatization; weak sericite alteration -foliation, variable: 55 degrees to CA -trace fine pyrite						
27.0	30.4	Sheared Volcanic Tuff -50% fine light coloured calcareous laminae, 65 to 80 degrees to CA -small folds -2% narrow quartz carbonate stringers						

D.D.H. : 9811

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
30.4	44.7	-trace pyrite	29529	30.0	33.3	3.3	nil	
		Quartz Carbonate Sericite Vein Zone	29530	33.3	36.0	2.7	0.01	
		-sericitic wall rock inclusions	29531	36.0	38.0	2.0	nil	
		- 75% quartz carbonate: 60% quartz, 10% carbonate, some calcite, 25% sericitic/chloritic inclusions, hydromuscovite, sulphides	29532	38.0	41.2	3.2	nil	
		- 33.3-36.0': 95% quartz	29533	41.2	43.5	2.3	nil	
		-sulphide: local concentrations in wallrock and inclusions up to 5% pyrite, trace chalcopyrite	29534	43.5	44.8	1.3	nil	
44.7	73.35	Strongly Sheared Volcanic Tuff? With Quartz-Carbonate-Veins	29535	44.8	47.9	3.1	0.01	
		-broken core	29536	47.9	50.0	2.1	0.01	
		-green and white volcanic, distinctive sheared appearance	29537	50.0	54.7	4.7	nil	
		-shear is apparently down the CA in this unit; folding, brecciation and kink banding noted	29538	54.7	58.3	3.6	nil	
		-strong sericite alteration	29539	58.3	64.0	5.7	nil	
		-trace pyrite	29540	64.0	67.0	3.0	0.01	
		-the white material is not calcareous	29541	67.0	69.0	2.0	nil	
		-to 52.7', 1% quartz carbonate stringers	29542	69.0	71.0	2.0	nil	
		- 52.7-58.3': 50-60% quartz carbonate material with bright green hydromuscovite, tourmaline and trace pyrite and chalcopyrite in strongly sheared volcanic tuff?	29543	71.0	73.3	2.3	nil	
		- 58.3' to end of unit: 30% smaller irregular quartz carbonate veins, similar to above, in strongly sheared and brecciated volcanic tuff?; bleached core at 59.2', 64.3'; bright green hydromuscovite ; trace to minor pyrite and chalcopyrite						
73.35	126.0	Tuff Units	29544	73.3	76.0	2.7	nil	
		-grey-green, fine grained at start with 15% fine light coloured calcareous laminae at 90 degrees to CA, chloritic	29545	89.5	92.5	3.0	nil	
		-downhole becoming dark grey, fine to medium grained tuff units	29546	92.5	95.9	3.4	0.01	
		-weak to moderate carbonatization						
		-patchy sericite alteration						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
		<p><u>73.35-88.5'</u>: 1-2% quartz carbonate stringers, trace fine pyrite, foliation: 60 degrees to CA, prominent fine calcareous grains in tuff</p> <p><u>88.5-95.8'</u>: 40% quartz carbonate stringers to 6" wide, hydromuscovite common, no visible sulphide in veins- trace in wallrock/inclusions</p> <p><u>95.8-98.2'</u>: as 73.35-88.5'</p> <p><u>98.2-126.0'</u>: grey-green-black tuff with calcareous light coloured laminae, often mottled or indistinct in appearance, 65-70 degrees to CA; sericite alteration; patchy carbonatization; 20% quartz and carbonate stringers/veins, some hydromuscovite, scattered minor pyrite, trace chalcopyrite</p> <p>-104.5-105.3': irregular quartz carbonate vein, down CA, 55% quartz carbonate, 2-3% hydromuscovite, minor sulphide</p> <p>- 105.65-107.0': irregular quartz carbonate (80%) vein, partly down CA, minor hydromuscovite, trace pyrite and chalcopyrite</p> <p>- 109.9-111.5': several irregular veins/stringers down CA, 65% quartz and minor carbonate; remainder, altered wallrock/ inclusions, hydromuscovite, trace pyrite</p> <p>- 113.9-114.7': irregular pink quartz carbonate veinlet, down CA, with 45% quartz and carbonate with scattered pyrite, trace chalcopyrite</p> <p>-rusty, broken core, 98.2', 107.5', 114.0-116.0'; broken core: 125.4'</p>						
126.0	129.3	<p>Mafic Volcanic</p> <p>-green</p> <p>-medium to fine grained</p> <p>-foliation: 48 degrees to CA</p> <p>-strong carbonatization</p> <p>-becoming massive, fine grained, down hole</p>						
129.3	135.1	<p>Flow Breccia</p> <p>-light coloured, grey to slight pink tint, carbonatized, breccia fragments to 1" or more wide in fine grained dark green mafic matrix, locally strongly magnetic</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
135.1	143.0	<p>-scattered trace pyrite; 132.4-133.2': minor pyrite, specks chalcopyrite -after 133.2': core has banded appearance; bands fine to 1/2", 75-80 degrees to CA, moderate magnetism</p> <p>Mafic Volcanic -massive -medium to coarse grained -medium green -carbonatization -hematite stained fractures -less than 1% quartz and carbonate stringers; 140.5': 3-1/2" quartz carbonate stringer, no visible sulphides -trace scattered fine pyrite</p>						
143.0	147.35	<p>Flow Breccia -to 146.0', similar to previous: 129.3-135.1'; scattered pyrite, occasional chalcopyrite, magnetite -after 146.0', gradually becomes banded, fine to medium grained, 32-58 degrees to CA -trace pyrite, several chalcopyrite clots</p>						
147.35	305.0	<p>Tuff Units <u>147.35-148.5'</u>: black-grey, fine to medium grained; some vague light coloured bands are carbonatized; slightly deformed bands at 55 degrees to CA -local fine pyrite cubes <u>148.8-150.2'</u>: broken, crumbly core -brown coloured, medium to fine grained -moderate sericite alteration, weak carbonatization -2" of pink carbonate and quartz stringer, no visible sulphides <u>150.2-162.0'</u>: dark green to light grey green tuff units, faint to distinct bands, fine to 1/4" thick fine grained, at 60 degrees to CA</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
		<p>-up to 5% quartz carbonate stringers -trace pyrite overall, local concentrations, 1 to 2% pyrite cubes to 1/8"</p> <p><u>162.0-186.4'</u>: tuff units; increasing light brown sericite -increased shearing, variable, at 60 degrees to CA; some kink banding -162.2-162.45': bleached - 15% quartz and carbonate stringers and veinlets to 6", rare pyrite associated</p> <p><u>183.0-186.4'</u>: gradational change to next subunit; fine grained and medium grained "beds"; increase in pyrite along bedding, 72 degrees to CA - 1/2" wide magnetic calcareous band at 183.5'</p> <p><u>186.4-198.7'</u>: black, dark green and light coloured calcareous tuffaceous laminae, thin to 1/4" thick at start of subunit: fine grained to very fine grained - 2-3% pyrite overall, local concentrations up to 20% over a couple of inches; pyrite lenses oriented along bedding, 60-70 degrees to CA</p> <p>-to 191.0': no quartz carbonate stringers, strongly magnetic; -after 191.0': no magnetism, thicker laminae; green medium to fine grained tuff, 5-10% quartz carbonate; in last 8 inches there is 15% pyrite cubes to 1/4" and core is magnetic</p> <p><u>198.7-247.35'</u>: dark green to bright green -at start of unit, fine to medium grained tuff with faint laminae and no quartz carbonate stringers grading to foliated, medium grained, very massive looking, and magnetic with less than 1% quartz carbonate stringers -chloritic -occasional small pink quartz carbonate stringers -in several places, core is hematite stained</p> <p>-234.7-247.35', several discrete fine grained and coarse grained tuff units, sharp contacts, trace pyrite</p> <p><u>247.35-298.0'</u>: medium green, medium grained tuff units (lighter green than above), localized pink hematite staining</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
	305.0	<p>-grain size variation but no distinct laminae -patchy carbonatization - 1% quartz carbonate stringers; several quartz and pink carbonate veins with no visible sulphides - 276.6-277.1': very fine grained, light green, banded with several carbonate stringers less than 1/4" wide - 286.0-298.0', gradually becoming darker green with fine, elongate, feathery, white leucoxene? grains <u>298.0-305.0'</u>: green to brown green to hematite stained -increased sericite alteration -increased shearing, 50 degrees to CA - 298.8-300.5': 35% narrow calcite stringers and threads in direction of shearing</p> <p>End of Hole</p> <p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ont.</p>						

Penda MacRae



42A05SE2003

2.18830

DENTON

120

DIAMOND DRILL CORE LOG

Denton Resources

2.18830

SHEET 1

HOLE NO: 9812
 PROPERTY/AREA: Godon Lake Grid
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949908
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: July 13, 1998

DIP TESTS - Acid

DEPTH	DIP	AZIMUTH
296.0 ft	-51 deg.	--

COORDINATES: 750W / 210S
 DIP AT COLLAR: -53 degrees
 AZIMUTH: 144 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 12, 1998
 FINISHED: June 13, 1998

TOTAL DEPTH OF HOLE: 296.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
0	12.25	Overburden						
12.25	26.3	Mafic Volcanic -massive -dark green -chloritic, carbonatized; sericite alteration -less than 1% quartz carbonate -trace to minor pyrite						
26.3	107.2	Tuff Units -gradational contact -grey green -calcareous white/cream tuff fragments fine grained to 1/16"; fine laminations at 60-75 degrees to CA; some kink banding - 45.4-45.9': bleached - 10-15% calcareous stringers, threads, masses -minor pyrite, local concentrations of 2-3%; trace chalcopryrite - 73.0-84.0': irregular 1-2" stringers, brecciated, cream to pink carbonate, some calcite, in sericite altered wallrock; trace scattered pyrite; 83.3-84.0': 65% quartz carbonate, minor pyrite and specks of chalcopryrite as well as a 5/8" clot of disseminated chalcopryrite - very fine grained tuffs, 104.5-106.0'; increasingly calcareous in last foot						

D.D.H. : 9812

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
107.2	229.75	<p>Mafic Volcanic Flows</p> <ul style="list-style-type: none"> -medium green to dark green -massive in places; some light green inclusions several inches wide - <u>107.2-147.0'</u>: flow contact with discrete medium and fine grained sections with sharp contact -hematite staining on some fracture faces -patchy carbonatization; 5% quartz-carbonate; several calcareous stringer zones, 5" to 12" long, slightly magnetic -near 146.0': slightly to moderately magnetic, narrow, less than 1/16" wide, stringers of magnetite crystals -trace pyrite overall, local concentrations; minor magnetite; trace chalcopyrite - <u>147.0-171.9'</u>: medium to fine grained flow -massive appearance overall, some light green, 3-4" wide inclusions -sharp upper contact: 70 degrees to CA -medium green -158.0-159.7': non-calcareous, buff-green phenocrysts; also at 155.5-156.0', less developed -chloritic -hematite stained fractures -less than 1% carbonate/quartz stringers -trace pyrite -slightly magnetic at lower contact - <u>171.9-192.0'</u>: dark to medium green -medium grained, fine grained at contact which is sharp at 60 degrees to CA -massive sections with some inclusions and flow breccia material to 180.5'; weak to moderately magnetic in this section -chloritic -less than 1% carbonate stringers -trace pyrite, chalcopyrite 						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
		<p><u>-192.0-205.55'</u>: flow breccia, sharp upper contact at 43 degrees to CA</p> <ul style="list-style-type: none"> -fine and medium grained -dark to medium green -chloritic -less than 1% quartz carbonate stringers -local pyrite at 199.8' <p><u>205.55-229.75'</u>: mafic volcanic</p> <ul style="list-style-type: none"> -light green, fine grained at start of unit, chill margin with dark coloured inclusions to 208.7' -sharp upper contact, 43 degrees -thereafter, massive, medium grained, darker green with occasional vague light green inclusions and coarse grained sections -carbonatized, less than 1% quartz carbonate stringers -down hole increase in sericite alteration -some hematite stained fractures -trace fine pyrite, specks chalcopyrite 						
229.75	251.15	<p>Mafic Volcanic</p> <ul style="list-style-type: none"> -medium green coloured with white calcite grains and bands to 1/16" -gradual contact with above unit -fine to medium grained -slightly banded appearance; foliation, 60-70 degrees to CA -increase in sericite alteration, carbonatization -5% carbonate quartz stringers -minor fine pyrite, locally, 1-2% 						
251.15	273.25	<p>Mafic Volcanic with Quartz Carbonate</p> <ul style="list-style-type: none"> -mafic volcanic similar to above unit with 40-50% quartz carbonate stringers and veinlets from 10" to less than 1/4" wide, some with hydromuscovite -foliation, 70 degrees to CA, locally variable 						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
273.25	296.0	<p>-quartz is white, with lessor amounts of grey -carbonate is cream coloured with some calcite -scattered fine pyrite throughout; occasional specks/clots/networks of chalcopyrite; arsenopyrite noted at two locations described below - 252.0-252.9': 80% quartz carbonate, scattered pyrite, 1/4" chalcopyrite clot at 252.9' - 253.8': 1.5-2" band of 25% pyrite; 5% chalcopyrite; several 1/8-1/4" six sided pale pink arsenopyrite crystals, some enclosing chalcopyrite grains - 254.5-254.9': 75% quartz carbonate, 25% sericitic inclusions/wallrock with 1% pyrite cubes at 254.9' - 255.6-256.2': 50% quartz carbonate material in brown sericitic material, 10% pyrite with minor chalcopyrite; followed by 5-8% pyrite in wallrock to 257.0' - 260.5': arsenopyrite grain in a 2.5" quartz carbonate stringer with 3-5% pyrite and minor hydromuscovite</p> <p>Mafic Volcanic -fine to medium grained -dark green -foliation: 72 degrees to CA -some banding with respect to grain size -moderate carbonatization -chloritic -local sericite alteration - 10-15% quartz carbonate stringers, decreasing downhole -minor pyrite, specks chalcopyrite</p> <p>End of Hole Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario</p>						
	296.0							

Brenda MacRae



42A05SE2003

2.18830

DENTON 130

2.18830

SHEET 1

DIAMOND DRILL CORE LOG

Denton Resources

HOLE NO: 9813
 PROPERTY/AREA: South Godon Grid
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949923
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling
 LOGGED BY: Brenda MacRae
 DATE LOGGED: August 10, 1998

DIP TESTS - Acid

DEPTH	DIP	AZIMUTH
352.0 ft	-46.5 deg.	--

COORDINATES: 1200E / 500N
 DIP AT COLLAR: -50 degrees
 AZIMUTH: 180 degrees
 ELEVATION: Surface: 0.0
 STARTED: June 17, 1998
 FINISHED: June 19, 1998

TOTAL DEPTH OF HOLE: 352.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
0	7.6	Overburden							
7.6	13.6	Mafic to Intermediate Flow -massive -medium green -medium grained -weak to moderately foliated: 35 degrees to CA -strongly chloritized; strongly carbonatized -trace scattered fine grained pyrite cubes -rusty fractures at: 13.1'; 13.6' -broken core at: 7.6'; 9.6'; 13.6'; blocky broken section at 25.9 - 26.5'							
13.6	15.0	Syenite Dike -subangular grey calcite grains to 3/8" in fine grained pink-grey-brown matrix -upper contact lost in core fracture -ragged lower contact with volcanic unit; last 0.5', inclusions of fine grained dark green chloritic material							
15.0	15.7	Mafic to Intermediate Flow -as above, 7.6 - 13.6'; slightly darker colour							
15.7	17.9	Lamprophyre Dike - 1/4 " brown black mica (biotite) phenocrysts in							

D.D.H.: 9813

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
17.9	30.5	<p>medium grained black brown matrix -strongly carbonatized - 16.0 - 17.7' : 1% scattered pyrite cubes, 1/16 " -no sharp contacts</p> <p>Mafic to Intermediate Flow -massive, medium grained, medium green, as above flow -strong foliation: 59 degrees to CA -dark green colour adjacent to contact with lamprophyre dike -increased carbonatization; more grey white, elongated calcareous grains, narrow stringers, and fracture fillings -minor scattered fine pyrite cubes -22.0-22.35' : fine grained grey green dikelet, brecciated?, sharp contacts at 63 degrees to CA -22.8' : 3/4" fine grained syenite dikelet, 68 degrees to CA -23.4' : 2 1/4" fine grained syenite dikelet, inclusions of chloritic material, 65 degrees to CA -25.0' : 2 1/2" fine grained syenite dikelet, 59 degrees to CA -calcareous material partially weathered out at 28.0 - 28.75' and 30.0-30.9' , vuggy appearance to core -29.0-29.25' : reddish brown, hematite stained section</p>							
30.5	32.6	<p>Flow Contact -reddish purple hematite stained -vaguely banded, becoming blocky by 32.0' -strong foliation: 45 degrees to CA -strong carbonatization; prominent grey-white threads -32.0-32.2' : fine grained, grey green dikelet -scattered pyrite cubes to 1/4", in dikelet as well</p>							
32.6	41.4	<p>Mafic to Intermediate Flow -massive -medium grained, finer than previous flows -medium green</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
41.4	43.8	<p>-some epidote development along fractures -minor fine scattered pyrite cubes</p> <p>Flow Contact (?) -medium to grey green mafic to intermediate volcanic -medium to fine grained -vague blocky texture -increased to 10% calcite stringers -minor scattered pyrite - 42.8' : 1 1/4" fine grained grey green dikelet</p>							
43.8	51.75	<p>Mafic to Intermediate Flow -as 32.6 - 41.4' ; -moderately magnetic near lower contact</p>							
51.75	86.45	<p>Shear Zone - 51.75-52.8' : moderate shear intensity: 75 degrees to CA; appears to be continuation of previous mafic to intermediate volcanic with 2 reddish brown hematized sections, 5" and 2" wide - 1-2% scattered fine pyrite cubes - 52.8 - 74.3' : very strong shear zone with blocky, broken core -most rocks types, medium green, dark green and black green, within the shear are deformed beyond recognition; swirls, folds, convolutions and brecciation -several 2 1/2 to 5 1/2 " reddish brown hematized sections and several 1 1/4 to 6 1/2 " pink-grey-brown syenite dikelets may be identified; small folds are seen in the syenite -variable shear direction : 85 degrees to CA to low angle to CA; -strong chloritic alteration; core breaks easily along chloritic shear planes -strong carbonatization; 25 - 30% white, pink, grey carbonate material as masses, blebs, threads; masses often contain quartz -minor pyrite, trace chalcopyrite; at 58.4' : 2" mass of quartz-carbonate</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
		<p>mass with specks of chalcopyrite -moderately magnetic - <u>74.3 - 86.45'</u> : less intense shear, 68 degrees to CA -dark green volcanic with white, cream, grey calcareous and reddish-brown hematite stained bands, laminations; some epidote? -bands, to 1 inch; laminae, less than 1/16" -magnetic -blocky core; occasional hematite stained fracture -several irregular carbonate with quartz stringers, with some pink staining; no visible sulphides -trace pyrite; local concentrations to 1% - 2 brick red syenite dikelets at 80.8' (1/2") and 83.6' (1 1/2"), irregular contacts, 1% pyrite -last 3' : 20% grey-white carbonate with quartz; swirls, masses, blebs and calcareous grains; several thin brecciated/folded fine grained grey-pink syenite masses</p>							
86.45	87.45	<p>Syenite Dike -brick red; medium and fine grained zones -medium grained section to 86.85' : foliated, 50 degrees to CA; 15-20% pyrite blebs and stringers -fine grained section: 1-2% pyrite; chloritic inclusions</p>							
87.45	101.5	<p>Intermediate Flow -massive -medium grained -medium green to pinkish green down hole (hematite staining) -moderate foliation, variable direction average: 50 degrees to CA, kink banding, small folds -occasional tectonic fracturing/brecciation -strong carbonatization - 5% quartz-carbonate stringers/masses, some pink carbonate -hematite stained fractures -some epidote development; masses and narrow stringers</p>							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
101.5	116.6	Shear Zone -first 3' : volcanic unit, previous, becomes increasingly deformed -after 120.0' : medium green to dark green with 35% white and pink carbonate and quartz masses, irregularly shaped, swirled, folded, truncated; resembles previous shear zone, 52.8 - 74.3' (no hematized sections or syenite dikelets -112.3' : fault gouge -116.4' : possible fault gouge -patchy weak to moderate magnetism; magnetite crystals, to 1/16", seen at 109.0' -trace pyrite							
116.6	135.45	Cherty Interflow Sediments -fine grained, aphanitic -vague bands and laminae of cream, grey, green-grey, pink-grey, black, or red-orange hematite stained chert -banding, laminations: 65-70 degrees to CA; from less than 1/16" to one foot thick -frequent fracturing; red-orange hematite and/or white calcite fracture filling -convolutions/folding/fracturing after 130.1'; 132.7: fractured/brecciated chert with fine grained black fracture filling -occasional trace pyrite -broken/blocky core - 118.35-118.8' : fine grained, grey green dikelet; weakly calcareous; sharp contacts: 70-75 degrees to CA - 122.0-122.9' : medium grained dikelet, black matrix with black green and calcareous pink grains, hematite staining; contacts: sharp, 75 degrees to CA - 129.35-130.1' : medium grained syenite dikelet - 133.8-135.45' : fine grained red brick syenite dikelet; sheared lower contact with calcite filled fractures; broken core approaching fault zone	29551 29552 29553 29554 29555 29556 29557 29600	102.0 107.0 112.0 116.5 120.0 123.0 127.0 132.0	107.0 112.0 116.5 120.0 123.0 127.0 132.0 135.4	4.0 5.0 4.5 3.5 3.0 4.0 5.0 3.4	nil 0.01 0.01 nil 0.01 nil 0.01 nil		

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
135.45	144.45	Fault Zone -intense shearing of material similar to 101.5-116.6' -broken/blocky/ground core - 140.3-141.1' : quartz-carbonate vein, 25% chloritic inclusions, some pink calcite, no visible sulphides - 141.7-142.15' : quartz-carbonate vein, 10% chloritic inclusions, some pink calcite, no visible sulphides - 143.85-144.1' : 75% grey quartz and cream carbonate stringer, irregular; minor pyrite and chalcopyrite							
144.45	152.3	Chlorite Altered Volcanic -at top of unit, sheared fine grained dikelet, 0.45' wide, grey calcareous phenocrysts, up to 1/16", in brown matrix; 5-8% pyrite; irregular quartz-carbonate masses; transitional lower contact -dark green to black green, medium to fine grained at start becoming vaguely banded after 147.0': black green, green and light green, 55 degrees to CA, no sharp contacts -strong foliation: 55 degree to CA; kink banding to 147.0' -strong carbonatization to 147.0'; as elongated grey white calcareous threads -locally concentrations of pyrite to 1-3% over several inches; fracture fillings, stringers and scattered cubes; last 3-4 inches of unit, pyrite increases to 10%, occasional irregular pyrite stringers to 1/8 " wide -hematite stained fracture fillings -development of light green epidote	29558 29559 29560	135.4 144.5 147.0	144.5 147.0 152.0	9.1 2.5 5.0	0.01 0.02 nil		
152.3	154.5	Cherty Interflow Sediments -grey, pink, grey green, cream cherty bands with occasional black graphite layers -15% grey to white narrow irregular quartz carbonate stringers, masses -banding, variable: 70 degrees to CA, average -contains zones of 10-15% brassy to pale yellow pyrite as	29561	152.0	154.5	2.5	nil		

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
154.5	167.7	<p>blebs/dendritic masses to 5/8"X 1"; fine disseminations also -non-magnetic</p> <p>Chlorite Altered Volcanic(?) -similar to 147.0-152.3'; banding 50 degrees to CA -several 2-3" irregularly shaped brown-green calcareous masses in the banding - 164.5-166.1: quartz feldspar porphyry dike: subangular pink and cream feldspar and grey quartz phenocrysts, to 1/4" in fine grained dark grey matrix; 1% fine scattered pyrite; upper contact: 71 degrees to CA; lower contact: 68 degrees to CA in shear</p>	29562	154.5	157.0	2.5	nil		
			29563	157.0	162.0	5.0	nil		
			29564	162.0	167.0	5.0	nil		
167.7	170.75	<p>Cherty Interflow -grey green, grey, pink beige chert intercalated with fine grained banded medium and dark green volcanic, ash? -amount of volcanic increases down hole -after 170.0': lenticular masses of fine grained granular mineral to 3/4" wide -5% brecciated and truncated quartz stringers with calcite - 167.6-169.9': 15% sulphide overall, 10% fine pyrite fracture fillings/lenses/dendritic masses/stringers/blebs, 5% pyrrhotite and small chalcopyrite networks/blebs/stringers/specks -some cherty sections have little or no sulphide upper contact: 45 degrees to CA, in shear; lower contact, transitional</p>	29565	167.0	170.7	3.0	0.02		
170.75	177.0	<p>Chlorite Altered Volcanic (?) - similar to 147-152.3' and 154.5-167.6' -fine grained - 174.2-175.2': brownish green coloured alteration, strongly carbonatized, 10-15% fine white calcite threads, 10-15% bright purple fracture filling</p>	29566	170.7	177.0	6.3	nil		

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
177.0	180.8	Syenite Dike -brown-pink-grey; zonation of colour and grain size -fine to medium grained with elongated chloritic clots to 1"x 1/16-1/4" -foliation: 68 degrees to CA -1-2% scattered pyrite cubes, up to 1/6" -upper contact lost in core fracture; lower contact, sharp, 66 degrees to CA	29567	177.0	180.2	3.2	nil		
180.8	187.25	Chlorite Altered Volcanic (?) -similar to previous units, alteration associated with the dikes - 182.1-182.8': buff coloured, bleached halo? around 1/4" wide calcareous stringer at 182.15' - 183.9- 185.4': fine grain, pink-purple-brown syenite?dike; 1 inch wallrock inclusion at 184.6' - 186.0-186.4': quartz-feldspar porphyry dike; pink feldspars - 186.45-186.8': light green alteration in volcanic	29568 29569	180.2 182.0	182.0 187.0	1.8 5.0	0.01 0.01		
187.25	201.65	Interflow Unit -buff to brown to light green siliceous material with minor calcareous patches; vague banding developing near 188.85' - <u>188.85-194.25'</u> : banded volcanic interflow?ash? Dark, light and grey green, black fine grained bands, 70 degrees to CA -occasional 1 to 1/2" chert band; occasional calcareous band -trace fine sulphides, local concentrations pyrite to 15% over 1.25 inches adjacent to a chert band - <u>194.25-196.75'</u> : steady increase in chert; pyrrhotite, pyrite and minor chalcopyrite throughout; 194.6-195.7', laced with 15-20% fine sulphides, magnetic pyrrhotite, pyrite and minor chalcopyrite - <u>196.75-201.15'</u> : quartz-feldspar porphyry dike: subangular cream and grey quartz and feldspar phenocrysts in fine grained dark grey to brownish matrix; phenocrysts 1/8-1/4", rarely to 1/2"; 1/8" wide pyrrhotite-pyrite stringer near 196.75' - <u>201.15-201.65'</u> : chert bands, trace sulphides	29570 29571 29572 29573	187.0 192.0 194.0 196.8	192.0 194.0 196.8 201.8	5.0 2.0 2.8 5.0	nil nil nil nil	0.047	0.056

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
201.65	245.65	Volcanic Tuff(?) Ash(?) Interflow Volcanics with Felsic Dikes -black green to light green -fine to very fine grained -banded: 60-80 degrees to CA -occasional intercalated cherty band(s), sections -cut by numerous dikes -trace fine pyrite - <u>211.9-212.35'</u> : pink quartz-feldspar dike, fine grained pink grey matrix; contacts/foliation: 75 degrees to CA - <u>217.75-218.8'</u> : cherty interflow, black to light green banded volcanic with purple to pink-green chert - near 216.4' and 218.75': narrow fractures filled with orange hematitic material and white calcite - <u>219.2-222.8'</u> : pink quartz-feldspar dike, contacts 60-65 degrees to CA; fine pyrite fracture filling at 222.25' -this dike intruded at 220.2-222.15' by fine to medium grained purple brown syenite dike: 5.5" chill margin at 220.2 contains 2-3% scattered pyrite, lower contact 60 degrees to CA - <u>223.6'</u> : 2" pink quartz feldspar porphyry dikelet - <u>224.2-226.45'</u> : pink quartz feldspar porphyry, as above, contacts/foliation: 55 degrees to CA - 227.3-228.85': pink quartz feldspar porphyry, as above, ragged contacts, wallrock inclusion: 227.3-228.1' - <u>231.0-244.0'</u> : pink and grey quartz feldspar porphyry dike, 2" volcanic inclusion at 241.3', scattered fine pyrite	29574	201.8	202.3	0.5	0.04		
			29575	202.3	207.0	4.7	0.01		
			29576	207.0	212.0	5.0	0.03		
			29577	212.0	217.0	5.0	nil		
			29578	217.0	223.0	6.0	nil		
			29579	223.0	227.0	4.0	nil		
			29580	227.0	230.7	3.7	nil		
			29581	230.7	236.3	5.6	nil		
			29582	236.3	241.2	4.9	nil		
			29583	241.2	244.0	2.8	nil		
			29584	244.0	245.5	1.5	nil		
245.65	249.8	Cherty Interflow Sediments -intercalated grey-brown and grey-black chert and dark green volcanic, occasional calcareous patches -banding: 49-60 degrees to CA -magnetic -cut by 4-5 grey and white irregular quartz stringers, 245.65-247.0' -249.5': narrow brecciated white and red-orange hematite stained carbonate stringer containing several clots of chalcopyrite	29585	245.5	248.5	3.0	0.4	0.128	0.52

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
249.8	258.5	-laced with 35% sulphides overall: 15% pyrrhotite, 7% chalcopyrite, 5% sphalerite, 3% pyrite Altered Volcanic -fine grained -black green - vague to well developed greenish cream calcareous patches/bands -chloritic -sulphides: trace to locally 2-3% fine pyrite as hairline fracture filling and clots, trace chalcopyrite -hairline orange-pink and white carbonate fracture filling throughout	29586 29587 29588	248.5 250.7 256.0	250.7 256.0 258.5	2.2 5.3 2.5	nil nil nil		
258.5	264.6	Quartz Feldspar Porphyry -contacts about 60 degrees to CA -similar to those above with pink and gray zones -minor scattered fine pyrite, and chalcopyrite? -three short, 1-3" wide volcanic wallrock inclusions	29589 29590	258.5 262.0	262.0 265.3	3.5 3.3	nil 0.01		
264.6	286.0	Altered Volcanic and Quartz Feldspar Porphyry Dikes -volcanic similar to 249.8-258.5' -banding more distinctive: 65 degrees to CA -increased red-orange and white calcite fracture filling - 25% brownish/greenish irregularly shaped "patches", weakly to strongly calcareous, partly siliceous, appearing to envelope brecciated portions of the volcanic, containing 2-3% (locally to 8%) fine pyrite, chalcopyrite? -grey and pink quartz feldspar dikes with minor fine sulphides: 281.1-281.3'; 281.75-282.35'; 283.2-283.85' -broken core: 265.0', 267.75', 269.0', 277.0'							
286.0	287.35	Quartz Felspar Porphyry -as previous dikes -grey/pink							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
287.35	299.0	<ul style="list-style-type: none"> -minor fine sulphides -sharp, irregular upper contact in brownish alteration patch of previous unit -lower contact: 35 degrees to CA <p>Altered Volcanic Ash? Tuff? with Quartz Feldspar Porphyry Dikes</p> <ul style="list-style-type: none"> -as 249.8-258.5' -more grey-black coloured -sharp decrease in red-orange/white carbonate fracture filling -bedding: 60-70 degrees to CA -occasional chert band - 1/4" pyrrhotite lens/band at 295.7' -minor pyrite and chalcopyrite, locally concentrated as fracture filling in brecciated and fractured sections, and as clots -pink and grey quartz feldspar porphyry dikes with trace pyrite and chalcopyrite: 293.35-294.1' ; 295.05': 3/4" wide ; 295.3': 1/2" ; 296.2-297.0' ;297.6-297.9' 							
299.0	299.85	<p>Cherty Interflow Sediments</p> <ul style="list-style-type: none"> -fine grained cherty bands as previously described - 8% pyrite clots to 3/4 x 1/8", oriented in direction of bedding, 62 degrees to CA -pyrite concentrated in upper 5" of this unit, also moderately magnetic -sharp upper contact: 65 degrees to CA 							
299.85	301.3	<p>Grey Quartz Feldspar Porphyry Dike</p> <ul style="list-style-type: none"> -as previously described -contacts, 65 degrees to CA -a small chalcopyrite stringer at lower margin 							
301.3	313.2	<p>Altered Volcanic with Quartz Feldspar Porphyry Dikes</p> <ul style="list-style-type: none"> -similar to 287.35-299.0' 							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
313.2	316.2	<ul style="list-style-type: none"> -occasional dark brown altered sections up to 3" long -trace to minor pyrite, chalcopyrite -many hairline fractures with small offsets -orange-red/white carbonate fracture filling -vague banding -quartz feldspar porphyry dikes: 305.5' , 2" wide; 306.6' , 1" wide; 308.1' , 3" wide; 309.9 to 311.4', with low angle lower contact with brecciated zone in the volcanic -badly broken core: 307.0-313.2' - 311.4-313.2' : broken core pieces include volcanic material and volcanic breccia, a narrow low angle quartz carbonate stringer and an irregular quartz carbonate mass, a low angle fault with displacement, cherty beds with pyrite and chalcopyrite; some core pieces contain up to 8% pyrite - 309.5': 4" irregular white quartz carbonate material in broken core, trace sulphides <p>Cherty Interflow Sediments</p> <ul style="list-style-type: none"> -likely begins further up hole in broken core described above -narrow grey, brown-cream, and dark grey chert bands and volcanic layers at 65 degrees to CA -amount of chert decreases, volcanic component increases down hole -laced with 25% sulphides overall: 15% pyrrhotite, 8% pyrite, 2% chalcopyrite -highest sulphide concentration between 314.0-315.5' 							
316.2	352.0	<p>Altered Volcanic with Quartz Feldspar Porphyry Dikes</p> <ul style="list-style-type: none"> -to 324.0', similar to 301.3-307.0' -vague banding -calcareous, light coloured bands, 65 degrees to CA -occasional narrow buff coloured bleaching around hairline fractures -brown-purple quartz feldspar porphyry dikes, phenocrysts to 1/8", 							

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	CU (%)	ZN (%)
FROM	TO								
	352.0	<p>trace sulphide: 320.7-321.3' , 2" wall rock inclusion; 321.95-322.8', 1/2" wallrock inclusion -gradational change to fine to medium grained, dark grey volcanic with black chlorite clots about 1/16"by 324.0' -from 324.0': calcareous, light brownish alteration zones/halos to 10" long appear to be concentrated near individual carbonate stringers and groups of carbonate stringers, also occur elsewhere -pink quartz feldspar porphyry dike: 335.75(broken core) -338.2', pink; 339.7-340.95', purplish, lower contact: 65 degrees to CA -347.0-352.0': banded nature to volcanic, local pyrite concentrations in fractures, stringers, clots</p> <p>End of Hole</p> <p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario</p> <p><i>Suzanne MacLae</i></p>							



42A05SE2003

2.18830

DENTON 140

2. 188 30

DIAMOND DRILL CORE LOG

Denton Resources

SHEET 1

HOLE NO: **9814**
 PROPERTY/AREA: **Godon Lake Grid**
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949908
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: July 16, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
216 ft	-48.0 deg.	--

COORDINATES: 505W / 140S
 DIP AT COLLAR: -50 degrees
 AZIMUTH: 112 degrees
 ELEVATION: Surface: 0.0
 STARTED: July 7, 1998
 FINISHED: July 8, 1998

TOTAL DEPTH OF HOLE: 216.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)
FROM	TO						
0	6.1	Overburden					
6.1	37.5	Tuff Units -dark and/to medium green -fine, medium, coarse grains and fragments; some grading -units from less than 1/2" to 4.7' thick -bedding: 80 degrees to CA at start of unit to 60 degrees by 30.0' -tectonic breccia along some contacts -chloritic -patchy carbonatization, near start - 1-2% very narrow carbonate with and without quartz stringers, several to 2" -minor fine pyrite, chalcopyrite -red hematite stain in fractures					
37.5	50.6	Tuff , Lapilli Tuff -medium green -light and dark fragments, average to 3/8" X 1/16", elongate -foliation: 55 degrees to CA - 44.0-46.0': rounded dark green lapilli to 3/4" X 1/4" -patchy carbonatization, local beige calcareous intergrowths -chloritic -very minor scattered fine sulphides -hematite stain on fractures -gradational contact with next unit					

D.D.H. : 9814

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
50.6	72.0	<p>Tuff, Lapilli Tuff</p> <ul style="list-style-type: none"> -different from units at start of this hole -black green to dark green, fine grain sections to medium grained, medium green sections -foliation: 70 degrees to CA; shearing after 65.0' - 54.95-55.45': 2" coarse tuff followed by bleached silicified core; fragments to 1-1/4" X 1/8", elongate: 80 degree to CA - 56.35-57.1': lapilli tuff: elongate lapilli to 1-3/4" X 1/2"; cream, pinkish, beige coloured, sharp lower contact: 70 degrees to CA - 59.0-59.4': coarse tuff to lapilli tuff to 1" X 1/8", elongate: 80 degrees to CA; beige, pink beige coloured lapilli in dark fine grained tuffaceous matrix with angular cream coloured grains to 1/16" -patchy carbonatization; calcareous threads; after 65.0': increase in calcite stringers/masses -patchy beige sericite alteration; 68.0-70.0' -minor scattered pyrite; local concentrations, lenses ie. up to 30% over one inch -red hematite stained fractures -some blocky core sections 						
72.0	88.0	<p>Strongly Sheared Volcanic</p> <ul style="list-style-type: none"> -possible tuff, as above -shearing: 65 degrees to CA -kink banding in thin laminae is common -black-green to medium green -fine calcareous laminae, cream-white -fine to medium grained -a few buff bands up to 1" -moderate carbonatization; calcareous masses -sericite alteration increasing -less than 1% narrow carbonate stringers, overall, some pink carbonate 						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
88.0	154.3	<p>-minor sulphide; local concentrations; 72.3"; narrow quartz carbonate stringers with 2% pyrite, trace chalcopyrite; 79.7': 3% 1/8" pyrite cubes over 3"; 82.85': 3" 10% pyrite cubes</p> <p>Highly Sheared Volcanic</p> <p>-with extremely sheared sections</p> <p>-steady increase of degree of shearing from previous unit</p> <p>-shear: averages 55-60 degrees to CA, occasionally at low angle to or down CA</p> <p>-distinctive dark green and cream coloured "banded" or laminated core; pinch and swell, kinking, brecciation, tight convoluted folding common</p> <p>-buff bleached bands, to 1/2"</p> <p>-occasional dark green chloritic masses</p> <p>-occasional cream coloured carbonate-siliceous masses, some almost chert like</p> <p>-local carbonatization</p> <p>-high degree of sericite alteration</p> <p>- 20-30% quartz and carbonate: irregular veins, stringers; predominant carbonate is cream coloured, non-calcareous; buff sericite is 10% or more of veins/stringers with small amounts of light green hydromuscovite</p> <p>-veins/stringers, often brecciated, in shear direction and partially oriented down CA</p> <p>-minor fine pyrite, trace chalcopyrite; local concentrations</p> <p>- 107.8-111.3': quartz carbonate (65%) with buff-brown sericite and green chlorite altered inclusions, minor hydromuscovite, minor pyrite - locally 2-4%</p> <p>- 120.2-125.5': quartz carbonate (75%) and buff sericite ; remainder is sericite and chlorite altered inclusions, minor hydromuscovite, minor pyrite - locally 3-10%, minor chalcopyrite</p> <p>- 126.0-128.0': series of irregular, cream coloured carbonate and quartz veinlets/stringers, 5% bright green hydromuscovite, 1% sulphide - locally, 2-5% pyrite</p> <p>-strength of shear decreasing in last 3'</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
154.3	216.0	<p>Strongly Sheared Volcanic</p> <ul style="list-style-type: none"> -fine grained, thinly laminated volcanic -laminations/shearing: 55 degrees to CA -laminae, dark green or buff or cream white calcareous material; locally, beige sericitic laminae -kink banding, common - 161.0-185.8': laminae become 1/2" wide bands, possible tuff beds? -strong carbonatization -strong sericite alteration - 158.0': 6" bleached calcareous section, cut by beige calcareous stringer -minor pyrite, trace chalcopyrite overall; local pyrite concentrations to 3%; specks/networks of chalcopyrite throughout -less than 1% quartz carbonate stringers to 187.6' -after 187.6': 10-15% quartz carbonate stringers, masses, veinlets, threads; larger stringers, 1/2 to 3-4", contain grey-white quartz, cream white carbonate (mostly calcite), buff sericite, dark green chloritic material, minor pyrite and chalcopyrite, minor hydromuscovite -blocky broken core; core easily breaks/crumbles along sericitic shear planes - 211.6-214.75': 2% sulphides along laminae; pyrite, fine to 1/2" cubes/clots; occasional chalcopyrite clot; fine magnetite crystals; core moderately magnetic <p>End of Hole</p> <p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario</p>						

Brenda MacRae



42A05SE2003

2.18830

DENTON 150

DIAMOND DRILL CORE LOG

Denton Resources

2.18830

SHEET 1

HOLE NO: 9815
 PROPERTY/AREA: Godon Lake Grid
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949908
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: July 18, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
304.0 ft	-49.0 deg.	--

COORDINATES: 600W / 100S
 DIP AT COLLAR: -50 degrees
 AZIMUTH: 112 degrees
 ELEVATION: Surface: 0.0
 STARTED: July 9, 1998
 FINISHED: July 14, 1998

TOTAL DEPTH OF HOLE: 304.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)
FROM	TO						
0	8.0	Overburden					
8.0	25.6	Mafic Volcanic -massive -medium grain -green- -chloritic, patchy sericite -less than 1% carbonate quartz stringers; several irregular stringers/masses 1/4" to 3" wide, with and without sulphide mineralization -minor sulphide; trace scattered pyrite cubes and short pyrite stringers to 1/8" wide; occasional network sand specks of chalcopyrite -hematite staining on some fracture faces -sharp contact at 55 degrees to CA with next unit, minor brecciation/offset					
25.6	28.5	Tuff -fine to medium grained -medium green -vague bedding, some grain size variation -blocky core, some tectonic brecciation near 28.0', hematite stained fractures -less than 1% narrow carbonate quartz stringers, occasional pink tint and greenish siliceous stringer					

D.D.H. : 9815

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
28.5	37.8	<p>-trace to minor sulphide; pyrite, fine to 1/8" cubes and chalcopryite, specks and occasional small network</p> <p>Tuff Units</p> <p>-4 or more discernable tuff units, 4" to 1.5' thick</p> <p>-fine and medium grained with sharp contacts 60 - 80 degrees to CA</p> <p>-medium green colour</p> <p>-foliation: 60 degrees to CA</p> <p>-less than 1% carbonate and quartz stringers/masses</p> <p>-trace sulphide</p>						
37.8	61.6	<p>Intermediate Flow</p> <p>-massive</p> <p>-medium to coarse grained</p> <p>-medium to light green colour</p> <p>-weak foliation: 70 degrees to CA</p> <p>-weak, patchy carbonatization</p> <p>-trace to minor sulphide; pyrite, fine disseminations to scattered cubes to 1/8"</p>						
61.6	74.2	<p>Intermediate Flow Breccia</p> <p>-similar to above with brecciated appearance</p> <p>-small amount of fine grained, dark green chloritic material several inches wide at 61.8' and as brecciated masses throughout</p> <p>-20% irregular quartz and carbonate veins/masses, most without visible sulphide mineralization</p> <p>- 62.3': 2" irregular quartz mass preceded by 3" of brecciated fine grained dark black-green material with 4% pyrite and networks of chalcopryite</p> <p>- 62.9': 11" of 85% quartz with minor calcite and wallrock inclusions, no visible sulphide</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
74.2	83.2	<p>Flow Breccia</p> <p>-fine grained black matrix with small (less than 1/16") ragged white-cream calcite crystals and narrow calcareous threads, in direction of foliation: 63 degrees to CA</p> <p>-77.4-79.25': strongly sheared with carbonate masses and stringers, brecciated and folded, partially oriented down CA; 60% grey calcareous material, trace sulphide: chalcopyrite specks and 1/8" clots and /networks, and local pyrite concentrations</p> <p>-blocky core</p> <p>-trace sulphide: pyrite and chalcopyrite</p>						
83.2	84.0	<p>Intermediate Flow</p> <p>-as above; gradational contact with above Flow Breccia unit; sharp lower contact at 70 degrees to CA</p> <p>-medium grained</p>						
84.0	89.25	<p>Flow Breccia</p> <p>-at start, fine grained, medium green volcanic with scattered pyrite cubes to 1/8", weakly carbonatized, increase in small calcareous masses down hole</p> <p>-grain size gradually increasing; by 85.0', flow is fine grained, dark green with 30% irregular, grey, carbonate (calcite) and quartz masses/stringers 1" wide, similar to 74.2-83.2'; small elongate calcite crystals</p> <p>-89.0': 2" irregular shaped intermediate volcanic inclusion, finer grained seen in than next unit</p> <p>-sulphides: trace to minor scattered pyrite, trace chalcopyrite</p> <p>-sharp irregular contact with next unit: 57 degrees to CA</p>						
89.25	168.0	<p>Intermediate Flow</p> <p>-medium to light green</p> <p>-fine to medium grained, to coarse grained with felsic and chloritic grains to 3/8"</p> <p>-sections of vague felsic and chloritic clots to 1/2" by 3/4"; in other</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
168.0	185.0	<p>places, chloritic clots only, to 3/8"</p> <p>-coarsest textures noted between 129.0-152.5'</p> <p>-occasionally foliated: 60 degrees to CA at 101.0" and 40 degrees to CA at 137.0'</p> <p>-patchy carbonatization</p> <p>-less than 1% quartz carbonate overall; irregular stringers/masses to 3" wide</p> <p>-sulphide: trace to minor pyrite and chalcopyrite; local concentrations</p> <p>-occasional hematite stained fractures near 164.0'</p> <p>-grain size steadily decreasing to last 4'; finer grained dark green with 15% ragged cream calcite crystals to less than 1/16", often elongate to 1/4"</p> <p>-fine grained, black green to dark green dikes:</p> <p> 107.8': 2" wide</p> <p> 114.2': 9" wide</p> <p> 142.9': 5" wide</p> <p>all cut by irregular quartz carbonate stringers; elsewhere this material appears to be possible inclusions</p> <p>Chloritic Volcanic?</p> <p>-moderately sheared</p> <p>-sericite alteration</p> <p>-gradual change from previous unit- possibly part of previous unit</p> <p>-at start, dark grey-green, medium grained volcanic with irregular, grey carbonate masses and threads, small buff sericite clots, foliation/shear: 60 degrees to CA</p> <p>-by 177.0': finer grained, without sericite clots; strongly carbonatized; sericite alteration; local sections of up to 2" wide quartz carbonate stringers, often brecciated/truncated/convoluted</p> <p>- trace sulphides; local concentrations pyrite, specks of chalcopyrite</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
185.0	244.0	<p>Highly Sheared Volcanic</p> <p>-green and cream colour</p> <p>-sericite alteration</p> <p>- 25-30% quartz and carbonate veins/stringers; sericite and green hydromuscovite common</p> <p>-very strong shearing; variable direction, occasionally very low angle to CA ; convolution/kink banding common;</p> <p>-broken and crumbling core common</p> <p>-trace sulphide; local concentrations of pyrite; occasional specks/clots and tiny networks of chalcopyrite</p> <p>- 186.0': 5-1/2" irregular cream carbonate and quartz vein (85%), 2-3% green hydromuscovite in fine grained green wallrock; trace fine sulphide near margins with inclusion material</p> <p>- 187.1': 4-1/2" irregular quartz and carbonate with 25% buff sericite and green chloritic material, minor hydromuscovite, minor pyrite cubes in margins or within inclusion material</p> <p>- 188.8': 9" irregular quartz and minor carbonate with 5% wallrock inclusions, minor hydromuscovite, trace pyrite cubes</p> <p>- 191.1': two 2" quartz with minor cream carbonate stringers, as above</p> <p>- 194.0-199.0': 1% scattered fine pyrite; occasional higher concentrations over one inch</p> <p>-197.2': 6" of 75% irregular quartz and cream coloured carbonate, sericite and chloritic material, minor hydromuscovite, minor chalcopyrite and pyrite; one inch of 5% pyrite at lower contact</p> <p>-199.0-201.0': 40% cream carbonate and quartz stringers - brecciated/truncated, minor hydromuscovite, strong sericite alteration in wallrock, trace fine sulphides</p> <p>- 202.1': 4" cream carbonate and quartz veinlet, minor hydromuscovite, no visible sulphide</p> <p>- 203.25': 2-1/2", quartz and cream carbonate veinlet, minor sericite, trace hydromuscovite, no visible sulphide</p> <p>-204.25': 6", quartz and cream carbonate, minor sericite, no visible sulphide</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
246.0	260.0	<p>-205.4': 5", 60% quartz carbonate, 40% sericite/chloritic inclusions, minor pyrite and specks of chalcopyrite in inclusions</p> <p>- 207.3': 3", cream carbonate and quartz with sericite, minor hydromuscovite, 1% pyrite</p> <p>- 208.15': 5-3/4", quartz vein with minor carbonate and chlorite, no visible sulphides; followed by 6-1/2" carbonate and quartz stringers with 40% chloritic and sericitic material and 2-3% pyrite</p> <p>- 210.2': 7", 60% quartz and minor carbonate, 40% sericitic and chloritic wallrock, minor hydromuscovite, minor pyrite</p> <p>- 215.15-218.8': 60% irregular quartz and cream carbonate stringers, chloritic/sericitic wallrock with minor hydromuscovite, trace pyrite</p> <p>- 224.5': 2" wide quartz carbonate stringer, oriented down CA for 9", local concentration of 2% pyrite</p> <p>- 228.6-232.2': 40% quartz carbonate stringer material, minor hydromuscovite in sericitic/chloritic wallrock, minor pyrite cubes, occasional chalcopyrite</p> <p>- 234.5-237.1': 45% quartz and carbonate material/stringers with minor hydromuscovite in sericitic/chloritic wallrock, minor pyrite - local concentration to 2% over 10"</p> <p>Strongly Sheared Volcanic</p> <p>-fine grained</p> <p>-dark green with very tiny cream calcite grains</p> <p>-blotchy appearance due to irregularly shaped light green masses, calcareous threads, and feathery, narrow, white calcite stringers</p> <p>-minor sericite clots</p> <p>-sericite alteration</p> <p>- 249.4-250.5': greater amounts of light coloured calcareous material than dark coloured; local concentration of pyrite cubes</p> <p>-trace fine pyrite after 250.0'</p> <p>-increase in shearing intensity after 253.0'; colour and textures grading into those commonly associated with the cream and green very strong shear zones in this area; calcite decreasing</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
260.0	294.5	<p>-less than 5% irregular cream carbonate and quartz stringers</p> <p>Highly Sheared Volcanics?</p> <p>-shear direction: about 50 degrees to CA</p> <p>-similar to previous highly sheared volcanics, 185.0-246.0'</p> <p>-cream and green coloured</p> <p>-core very crumbly at 266.0', 293.0'</p> <p>-trace to minor pyrite; trace chalcopyrite specks</p> <p>- 35% quartz and cream carbonate material as brecciated/truncated/folded stringers and veins</p> <p>- 262.25-266.0': 65-70% cream carbonate and quartz stringers/masses with sheared chloritic/sericitic wallrock and inclusions, minor hydromuscovite, minor pyrite</p> <p>- 284.4-288.3': 80% quartz and carbonate in chloritic/sericitic wallrock, small amount of orangy cream carbonate at 287.0', minor hydromuscovite</p> <p>- 293.0-294.5': 80% quartz and cream carbonate in light brown sericitic material, 5% bright green hydromuscovite</p>						
294.5	304.0	<p>Strongly Sheared Volcanic (Tuff?)</p> <p>-fine to medium grained</p> <p>-medium and dark green with beige and orangy-beige calcareous bands to 1/2" wide</p> <p>-carbonatized</p> <p>-moderate sericite alteration</p> <p>-less than 1% carbonate and quartz stringers</p> <p>-minor pyrite</p> <p>-core frequently broken along narrow banding</p> <p>-shear/banding: 65 degrees to CA; some convolutions</p> <p>-minor scattered pyrite cubes</p>						
	304.0	<p>End of Hole</p> <p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ont.</p>						

Brenda MacRae



42A05SE2003

2.18830

DENTON

160

DIAMOND DRILL CORE LOG

Denton Resources

2.18830

SHEET 1

HOLE NO: 9816
 PROPERTY/AREA: Godon Lake Grid
 TOWNSHIP: Denton Twp., Ontario
 CLAIM NO: P. 949908
 CORE SIZE: BQ
 CONTRACTOR: George Downing Estate Drilling Limited
 LOGGED BY: Brenda MacRae
 DATE LOGGED: July 20, 1998

DIP TESTS - Acid		
DEPTH	DIP	AZIMUTH
325.0 ft	-45 deg.	--

COORDINATES: 500 West / 0 North
 DIP AT COLLAR: -50.5 degrees
 AZIMUTH: 111 degrees
 ELEVATION: Surface: 0.0
 STARTED: July 15, 1998
 FINISHED: July 17, 1998

TOTAL DEPTH OF HOLE: 325.0 FT

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)
FROM	TO						
0	30.0	Intermediate Flow - to 0.9': no core - 0.9-4.5': broken core - 4.5-50.0': broken/blocky core -medium green -medium grained; some variation in grain size, fine to coarse with felsic laths to 1/8" -less than 1% 1/2" to 2" quartz carbonate stringers -trace fine sulphide					
30.0	153.6	Tuff Units -light medium green colour; one fine grained black green unit -fine to medium grained section, gradational changes in grain size -some sharp but irregular contacts, 50 to 70 degrees to CA; other contacts lost in fractured/broken core or deformed; several inches of brecciation at at least two contacts -patchy carbonatization after 93.0' -occasional hematite staining on fractures -minor sulphides, overall; local pyrite concentrations; occasional networks/specks of chalcopyrite -up to 5% carbonate and quartz stringers - 30.5-32.5': white quartz vein, minor calcite, chlorite; about 0.5' is a wallrock inclusion - 72.5': about one foot fine grained black green tuff, 5-8% sulphide; gradational change to fine-medium grained, medium green tuff					

D.D.H. : 9816

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
153.6	180.0	-after 93.0': there is a gradual change in colour to dark and medium green; red-purple hematite staining in fractures and in quartz carbonate stringers (red-orange) is more frequent; several lapilli tuff units; foliation: 60 degrees to CA, elongated mafic (chloritic) minerals; some tuffs have calcareous subrounded grains; at 107.6': cream green phenocrysts to 3/4" size for 2.5" - 127.4-127.65': elongated lapilli, 1/8" by 1", 65 degrees to CA, pink, grey in tuffaceous matrix -shear intensity and sericite alteration increases down hole; unit contacts are less visible - 149.0-153.6': 149.0', 2.0' of pink-beige, medium to fine grained calcareous bands, 80 degrees to CA, 1/4" to 1-1/4"; fine pyrite cubes in fine grained dark green matrix; 152.0': fine grained, pinkish arsenopyrite in calcareous matrix						
		Highly Sheared Zone	29601	145.0	150.0	5.0	0.1	
		-brownish cream and green coloured sheared rock; zone is not as sheared as in adjacent holes, 9809 - 9811, 9814 and 9815	29602	150.0	155.5	5.0	0.02	
		-very strong sericite alteration; in some places, core crumbles when handled, elsewhere, blocky core	29603	155.5	160.0	5.0	0.02	
		-carbonatized	29604	160.0	165.0	5.0	0.02	
		-bleached core: 163.0', 168.0-169.5'; core is calcareous	29605	165.0	170.0	5.0	0.02	
		-fault gouge material: 169.2	29606	170.0	175.0	5.0	0.02	
		-folding, convolutions, kink banding are common	29607	175.0	180.0	5.0	0.02	
-shear direction: 55 degrees to CA								
-less than 5% carbonate and quartz stringers and veins; occasional green hydromuscovite in stringers								
-trace pyrite overall, local concentrations; trace chalcopyrite; trace arsenopyrite noted below at 163.7'								
-163.7-165.1': 70% grey-white quartz in a series of stringers or one brecciated vein, with minor calcite, fine grained dark green-black chloritic material, 15% sulphides: pyrite with minor pink prismatic arsenopyrite crystals and chalcopyrite within the chloritic material								

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
180.0	187.9	<p>Strongly Sheared Volcanic</p> <p>-medium green -dark green matrix with beige sericite "feathers" or small clots, 3/8" by 1/16", subangular to rounded, and grey white calcareous grains up to the dimensions; near 185.0', calcareous grains are elongate in a 5:1 ratio -foliation: 62 degrees to CA -sericite and carbonate alteration -trace sulphides -up to 5% carbonate and quartz stringers -near lower contact there are irregular grey calcareous masses with vague boundaries.</p>	29608	180.0	185.0	5.0	0.03	
187.9	199.8	<p>Strongly Sheared Volcanics</p> <p>-fine grained -dark green with faint, very fine to 1/4" wide, buff sericitic and cream and grey calcareous laminae -shear direction is variable, low angle to 45 degrees to CA; convolutions, folds, kink bands are common -trace sulphides, generally scattered pyrite cubes -less than 1% carbonate quartz stringers</p>						
199.8	231.1	<p>Sheared Volcanics</p> <p>-fine to medium grained -dark green with 35% white calcareous stringers, irregular masses, blebs, threads and grains -lacks the fine cream and buff laminae of previous unit; faint calcareous banding visible locally -carbonate and sericite alteration; occasional buff sericite laths and elongated clots -foliation, shearing, and elongated grains: 55 degrees to CA -15% quartz carbonate veins and stringer groups to 3-4" wide, several with pink or purple stained carbonate -trace to minor sulphide; local concentrations of pyrite cubes;</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
231.1	288.7	<p>specks and networks of chalcopyrite to 5/8" by 1/16" -230.0': broken core</p> <p>Sericite Altered Strongly Sheared Volcanic -possible tuff units -colour varies with degree of sericite alteration; generally dark green, fine to medium grained with either a laminated appearance, buff and grey-white, or mottled with irregularly shaped, elongate grey-white calcareous masses with buff sericite -very strong sericite alteration -carbonatized -15% quartz carbonate stringers - 231.1-232.5': 2% pyrite as cubes and narrow stringers; specks and small clots of chalcopyrite in 3-4 narrow pink stained carbonate quartz stringers - 245.6': 2 inches, 2-3% pyrite; chalcopyrite specks - 259.4-261.1': 60% irregular quartz and carbonate veinlet oriented partially down CA; sericite/chlorite wallrock; chalcopyrite specks -trace sulphides overall, local concentrations pyrite, chalcopyrite specks/clots-shearing is moderate to strong, 55-72 degrees to CA - 250.0-281.6': kink banding, folding - 276.0-276.4': irregular quartz vein with minor carbonate, no visible sulphides in vein; after 276.4': 3-1/2" of 2% pyrite cubes in wallrock - 282.6-288.7': shearing intensity decreasing; -green, grey, beige, pink, cream banding is sharp, from less than 1/16" to 1/2" thick; most are calcareous, a few appear cherty; 61 degrees to CA; fine grained; breaks easily along shear planes</p>						
288.7	325.0	<p>Sheared Volcanics -fine and medium grained -dark green at start; pink-green 314.0-325.0' -possible tuff units with variable amounts of calcareous material -carbonatization</p>						

FEET		CORE DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (ft)	AU (g/t)	
FROM	TO							
	325.0	<p>- 3-5% irregular quartz carbonate stringers, some fracturing and offsets, pink stained carbonate near 315.0'</p> <p>- trace to minor pyrite; local concentrations, scattered pyrite cubes to 1/8", 288.7-296.5'</p> <p>- core breaks easily along shear planes/fractures</p> <p>- broken core: 304.0, 307.5', 311.0', 321.8'</p> <p>End of Hole</p> <p>Core stored: #9 Kamiskotia Lake, Robb Township, Timmins, Ontario</p>						

Brenda MacRae

Declaration of Assessment Work Performed on Mining Land

Transaction Number (office use)

W986.00791

Assessment Files Research Imaging

~~FINAL REVISED~~

65(2) and 66(3), R.S.O. 1990

Under the authority of subsections 65(2) and 66(3) of the Mining Act, Under section 66(3) of the Mining Act, Under section 66(3) of the Mining Act. This information will be used to review the assessment work and section should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, Sudbury, Ontario, P3E 6B5.



42A05SE2003 2.18830 DENTON

900

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2. 18830

1. Recorded holder(s) (Attach a list if necessary)

Name <i>Frank Galata</i>	Client Number <i>134600</i>
Address <i>12 Legume Rd. Weston, Ont M9M 1Z5</i>	Telephone Number <i>(416) 741-5078</i>
Name	Fax Number <i>(416) 741-5078</i>
Address	Client Number
	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

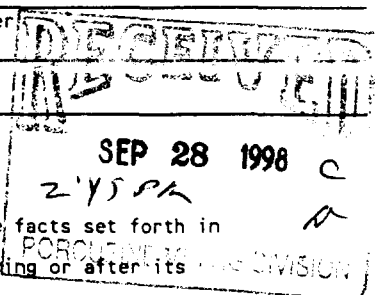
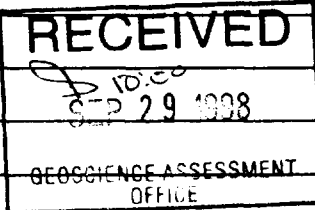
- Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling stripping, trenching and associated assays Rehabilitation

Work Type <i>Diamond Drilling</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$ 123,024</i>
Dates Work Performed From <i>6 May 1998</i> To <i>17 July 1998</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Porcupine</i>
Township/Area <i>Keefer & Denton Townships</i>	Resident Geologist District <i>Timmins</i>
M or G-Plan Number	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>William E. MacRae Geological Services</i>	Telephone Number <i>(705) 267-3081</i>
Address <i>P.O. Box 417, Timmins, ON P4N 7E3</i>	Fax Number <i>(705) 267-3081</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

I, William MacRae, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>William MacRae</i>	Date <i>Sept 28/98</i>
Agent's Address <i>P.O. Box 417, Timmins P4N 7E3</i>	Telephone Number <i>(705) 267-3081</i>
	Fax Number <i>(705) 267-3081</i>

Dec 28/98

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

2. 1888

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number, or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claims Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Mark. Value of work to be distributed at a future date
eg 18 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 P 833195	1	10,922	766	10,156	—
2 P 817605	1	24739	766	23234	739
3 P 949074	1	5,118	1286	3832	—
4 P 947879	1	10,481	1000	9,481	—
5 P 947878	1	14,746	1000	8746	5000
6 P 817604	1	6,215	766	5449	—
7 P 949912	1	25,209	—	24,000	1209
8 P 949908	1	17,727	—	14998	2779
9 P 949923	1	7,817	1000	6817	1000
10				6817	
11					
12					
13					
14					
15					
Column Totals	9	123,024	5584	106713	10727

I, William MacRae, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: Sept 28 / 98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows:

RECEIVED
SEP 28 1998
GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only
Received Stamp

RECEIVED
SEP 29 1998
GEOSCIENCE ASSESSMENT OFFICE

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

RECEIVED
SEP 28 1998
2:45 PM
7052673081 PAGE 02

Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

SEP 28 1998
2:45 PM
PORCUPINE MINING DIVISION

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W. 9800. 00791

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 947837	1		120		
2 947838	1		1000		
3 947839	1		1000		
4 947843	1		1000		
5 947844	1		1000		
6 947845	1		1000		
7 947846	1		1440		
8 947847	1		1440		
9 947848	1		1134		
10 947849	1		1000		
11 947850	1		1000		
12 947851	1		1000		
13 947852	1		1000		
14 947853	1		1000		
15 947854	1		1000		
Column Totals	15		15,134		

2,18830

I, William M. Pe..., do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: William M. Pe... Date: Sept 28 / 98

6. Instructions for cutting back credits that are not approved.

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- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
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- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED
\$ 10.00
SEP 29 1998
from the Bank first,
GEOSCIENCE ASSESSMENT
OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, in order of claim number, if necessary.

For Office Use Only Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by <u>William M. Pe...</u>		

SEP 28 1998
2:45 PM
PORDUEN MINE DIVISION

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

69860.00791

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	2. 18830 \$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 947858	1		1000		
2 949904	1		978		
3 949905	1		923		
4 949906	1		1000		
5 949907	1		1000		
6 949909	1		1000		
7 949910	1		1000		
8 949911	1		1000		
9 949913	1		1000		
10 949920	1		1000		
11 949921	1		1000		
12 949922	1		1000		
13 949923	1		1000		
14 949924	1		1000		
15 949925	1		1000		
Column Totals	15		14,901		

I, William MacRae, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

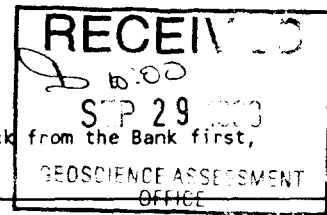
Signature of Recorded Holder or Agent Authorized in Writing: William MacRae Date: Sept 28 / 98

6. Instructions for cutting back credits that are not approved.

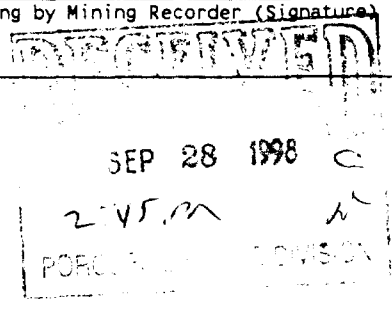
Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

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- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.



For Office Use Only Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		



5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9860.00791

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed, a figure date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 949926	1		1000		
2 949927	1		1200		
3 949928	1		1000		
4 982288	1		1480		
5 982289	1		1480		
6 982291	1		1480		
7 997233	1		1480		
8 817608	1		480		
9 833192	1		634		
10 947828	1		2760		
11 947829	1		2760		
12 947830	1		2760		
13 947833	1		2760		
14 947836	1		2760		
15 947861	1		2760		
Column Totals	15		26,594		

2.18830

I, William MacP..., do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: Sept 28/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED
 1000
 SEP 29 1998
 GEOSCIENCE ASSESSMENT
 OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

SEP 28 1998
 2:45 PM
 C

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

123456.00797

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 947862	1		2760		
2 947863	1		1000		
3 947864	1		1000		
4 947865	1		890		
5 947866	1		1000		
6 947867	1		780		
7 947868	1		1000		
8 947869	1		1000		
9 947870	1		1000		
10 947871	1		996		
11 947872	1		1000		
12 947873	1		1000		
13 947874	1		1000		
14 947875	1		1000		
15 947876	1		1000		
Column Totals	15		15,426		

I, William Black, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: Sept 28/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED
SEP 29 1998
GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

SEP 29 1998
2:45 PM
GEOSCIENCE ASSESSMENT OFFICE

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjacent) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

2 18830
109860-00791

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 947877	1		1000		
2 947880	1		1000		
3 947881	1		1286		
4 947882	1		1286		
5 947885	1		1000		
6 947886	1		1000		
7 947887	1		1000		
8 947888	1		120		
9 947889	1		1000		
10 947890	1		2760		
11 947892	1		2760		
12 947893	1		2760		
13 947894	1		2760		
14 947895	1		2760		
15					
Column Totals	14		22492		

I, William MacRae, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: Sept 28/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix (see to laws (describe))

RECEIVED
SEP 29 1998
MINING RECORDER'S OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

SEP 28 1998
21450
FOR OFFICE USE

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W 8860. 00791

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 996605	1		584		
2 996609	1		342		
3 947855	1		2760		
4 947856	1		2760		
5 947857	1		2760		
6 982290	1		1490		
7 982292	1		1490		
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals	7		12166 926		

I, William MacRae, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorder Holder or Agent Authorized in Writing

Date

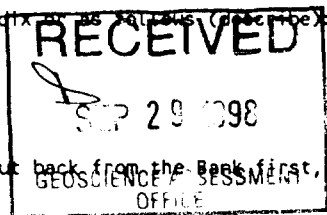
[Signature]

Sept 28 / 98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
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- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):



Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only
Received Stamp

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

SEP 28 1998
C
WYSAZ
M
POPULATION DIVISION

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

October 26, 1998

FRANK GALATA
12 Legume Road
Weston, Ontario
M9M-1Z5

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpgc.htm

Dear Sir or Madam:

Submission Number: 2.18830

Status

Subject: Transaction Number(s): W9860.00791 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18830

Date Correspondence Sent: October 26, 1998

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00791	833195	DENTON, KEEFER	Deemed Approval	October 22, 1998

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

W. MacRae
TIMMINS, ONTARIO

FRANK GALATA
Weston, Ontario

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M + S - MINING AND SURFACE RIGHTS

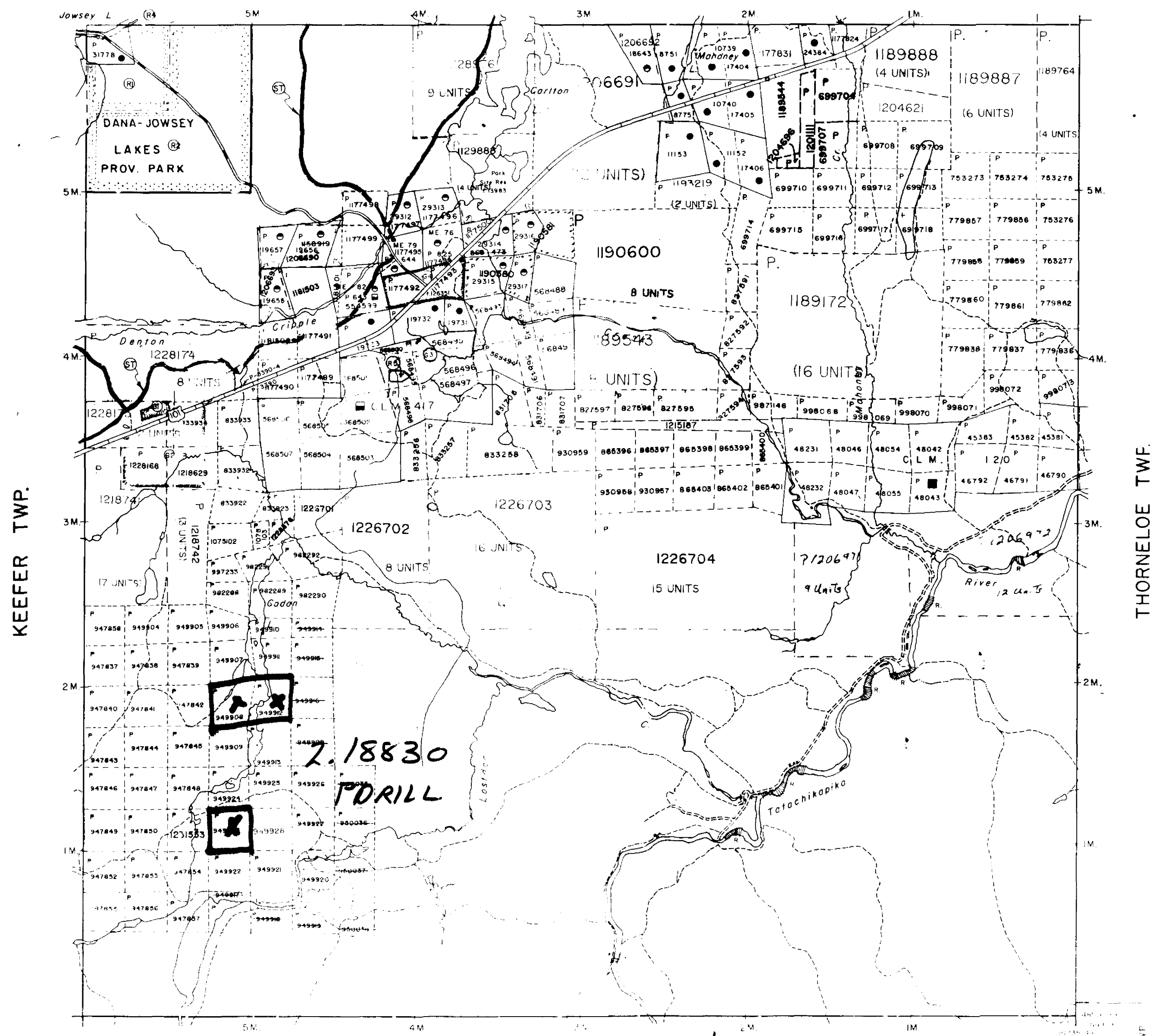
Description	Order No.	Date	Disposition	File
SEC. 43/70		FEB 3/66	M + S	171506
DANA AND JOWSEY PARK RESERVE			S.R.O.	
SEC. 36/80 W.68/83		NOV. 18/83	M.R.O.	
RESERVED FOR PUBLIC USE			S.R.O.	
SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING ORDER NO. NW 94/84 DATED 84-JULY-04 (WASTE DISPOSAL SITE)				

SAND AND GRAVEL

61	M.T.C.	PIT 1417	FILE 126351
62	M.T.C.	PIT 1236	FILE 126351
63	M.T.C.	PIT 1470	
64	M.T.C.	PIT 1331	

APPLICATION PENDING UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 92-DEC-21 SNOWMOBILE TRAILS

CARSCALLEN TWP.



KEEFER TWP.

THORNELOE TWP.

REYNOLDS TWP.

LEGEND

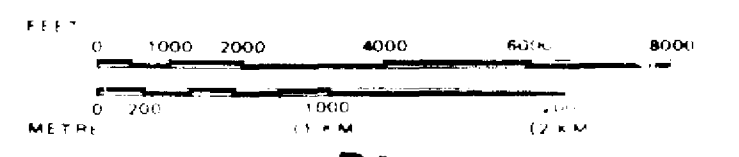
- HIGHWAY AND ROUTE N.
- OTHER ROAD
- TRAILS
- SURVEYED LINES
- UNSURVEYED LINES
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	○
RESERVATION	○
CANCELLED	⊗
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380, SEC. 63 SUBSEC. 1

SCALE 1 INCH = 40 CHAINS



DATE OF ISSUE

OCT 26 1998

TOWNSHIP PROVINCIAL RECORDING OFFICE - SUBBURY

DENTON

M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Land Natural Resources Management Branch
Ontario

Date: MAR 11 1999
Number: G-3224



42A05SR2003 2.18830 DENTON 200

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
① SEC. 43/70	W.26/77	11/3/77	S.R.O.	188543
② SEC. 42/60		02/3/66	M.+S.	171506
③ SEC. 42/60		10/7/66	M.+S.	149113
④ DANA AND JOWSEY LAKES PARK RESERVE	SEC 36/80	W.66/83	M.+S.	
⑤ DUMPING STATION				

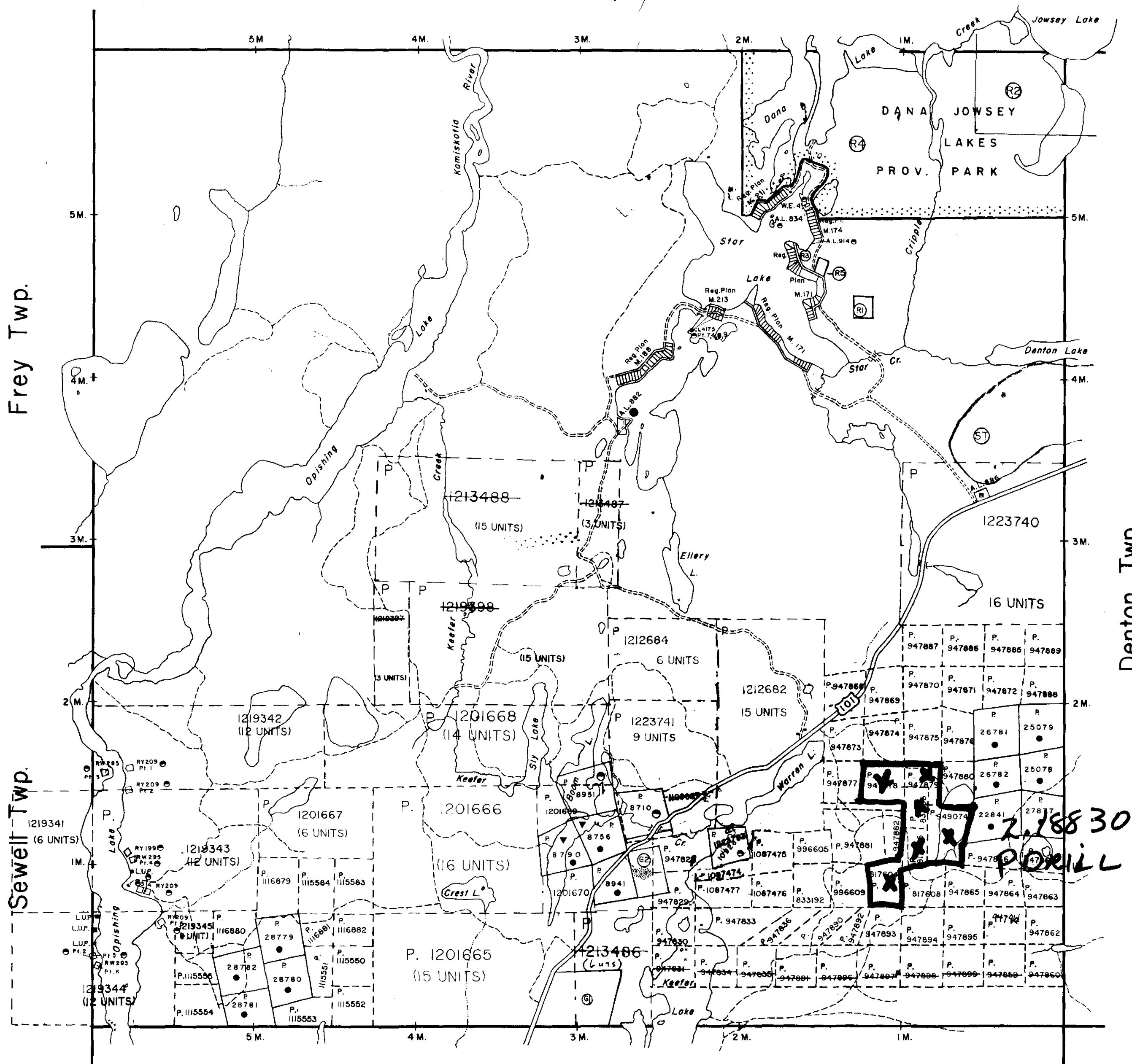
SAND AND GRAVEL

- ⑥ M.T.C. PIT 1593
- ⑦ GRAVEL FILE 44986

- ⑧ APPLICATION PENDING UNDER THE PUBLIC LANDS ACT
NOTICE RECEIVED 92/DEC/21
SNOWMOBILE TRAILS

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

Whitesides Twp.



Hillary Twp.

LEGEND

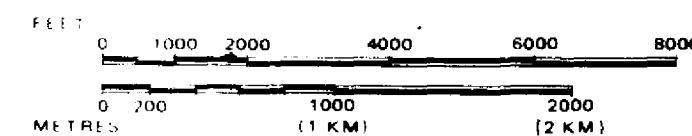
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	◐
LEASE SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	□
MINING RIGHTS ONLY	◑
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	○C
RESERVATION	○R
CANCELLED	⊗
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



DATE OF ISSUE

OCT 26 1998

TOWNSHIP

KEEFER

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE



Ministry of Natural Resources
Land Management Branch

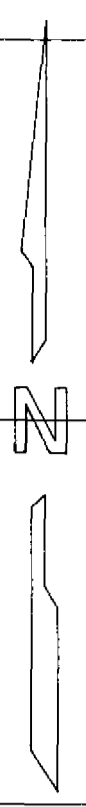
Date MARCH, 1985

Number

ACTIVATED BY: D.M. SEPT. 21/95
CHECKED BY: D.C.

G-3237





P 947879

P 947878

9805
8+00E/6+40N
Dip: -61.5°/Azimuth: 360°
Length: 707.0 Feet

9804
18+00E/7+00N
Dip: -51.5°/Azimuth: 360°
Length: 502.0 Feet

P 833195

P 949074

9803
21+00E/4+00S
Dip: -61°/Azimuth: 360°
Length: 247.0 Feet

9801
10+00E/6+20S
Dip: -51°/Azimuth: 360°
Length: 506.0 Feet

9806
14+00E/8+00S
Dip: -51°/Azimuth: 360°
Length: 406.0 Feet

9802
18+00E/12+00S
Dip: -50°/Azimuth: 360°
Length: 380.6 Feet

P 817605

P 817604

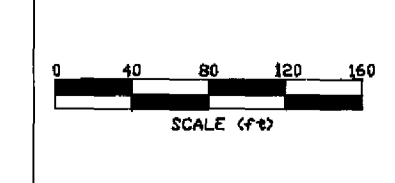
9808
1+90W/17+73S
Dip: -49°/Azimuth: 156°
Length: 300.0 Feet

9807
14+00E/19+25S
Dip: -50.5°/Azimuth: 180°
Length: 397.0 Feet

2. 188 30

B. M.

P 817608

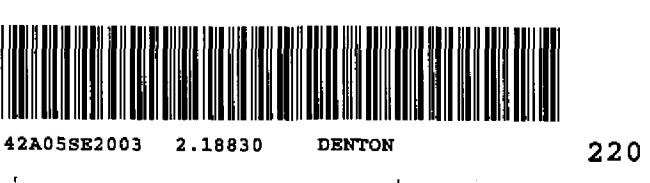


Denton Resources

Grid: Mosher Lake

Drill Hole Location Map

Date: Sept. 1998 Scale: 1"=200' NTS: 42 A/5
Drawn: B. M.



P 949908

Dip: -50.5° /Azimuth: 111°
5+00W/0+00S
9816

Dip: -50° /Azimuth: 112°
6+00W/1+00S
9815

9814 Dip: -50° /Azimuth: 112°
5+05W/1+40S
306.0 Feet
296.0 Feet
304.0 Feet

Dip: -53° /Azimuth: 144°
9812 7+50W/2+10S

Dip: -50° /Azimuth: 112°
9811 5+30W/2+45S

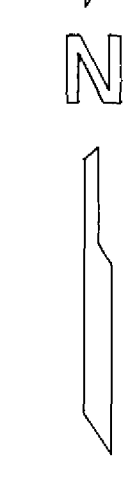
9809 3+38W/2+10S
Dip: -51.5° /Azimuth: 292°
9810 3+85W/2+47S
Dip: -51.5° /Azimuth: 300°

269.0 Feet

305.0 Feet

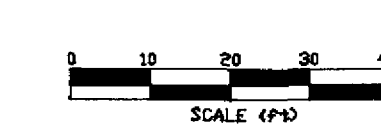
325.0 Feet

P 949912



Post #2 for P 949908 and
Post #3 for P949912
Located at
4+20 West/7+00South

2. 188 30

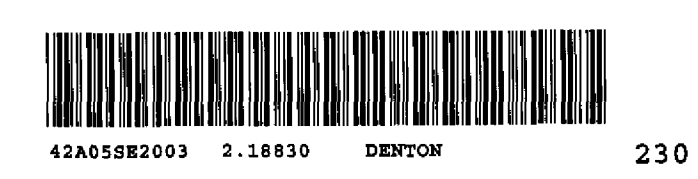


Brenton Mackay

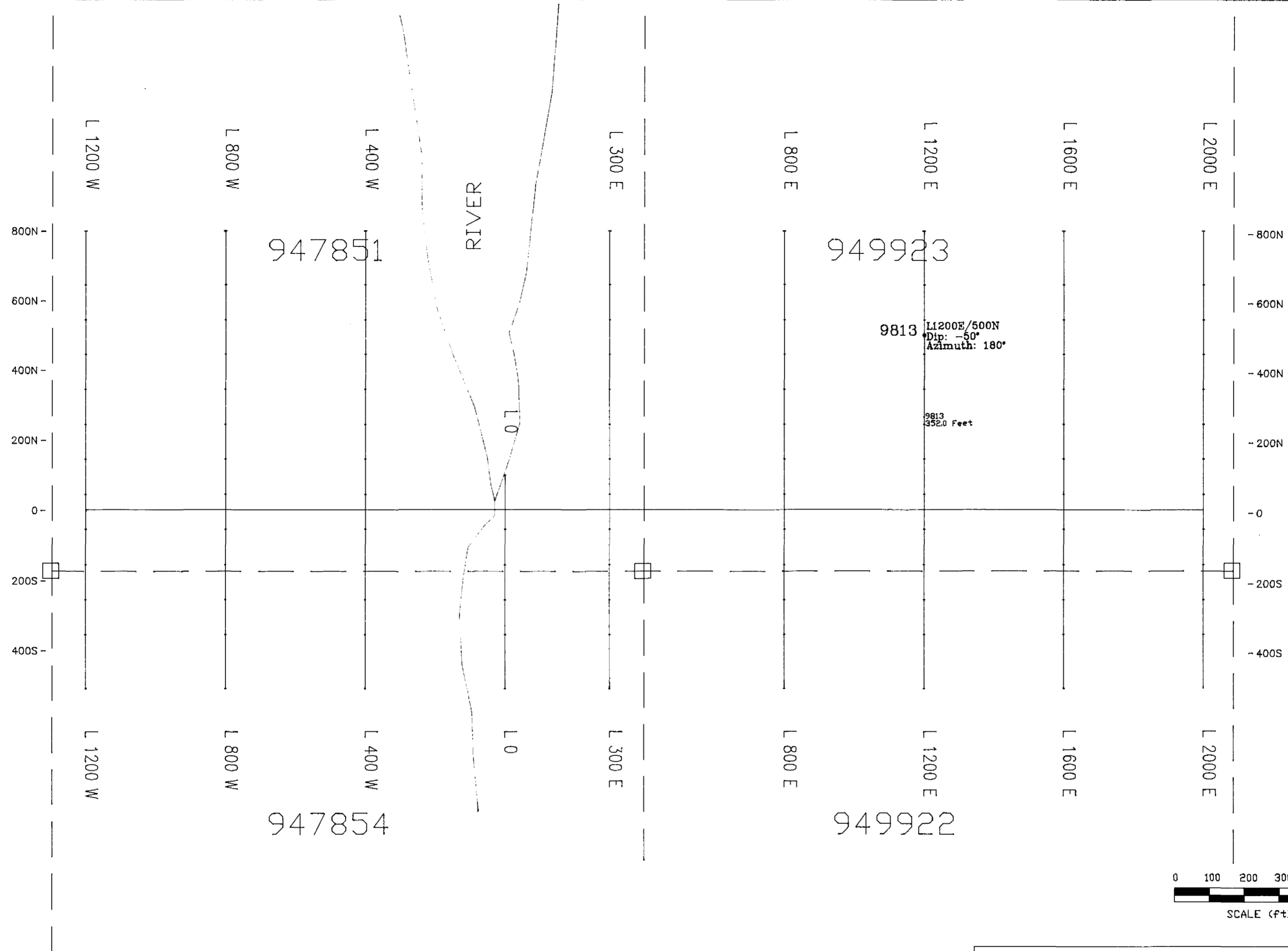
Denton Resources

Grid: Godon Lake

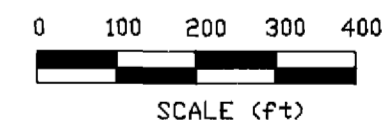
Drill Hole Location Map



Date: Sept. 1998 Scale: 1"=200' NTS: 42 A/5
Drawn: B. M.



2. 188 30



Pierre Mackie

Denton Resources

Grid: South Godon Lake

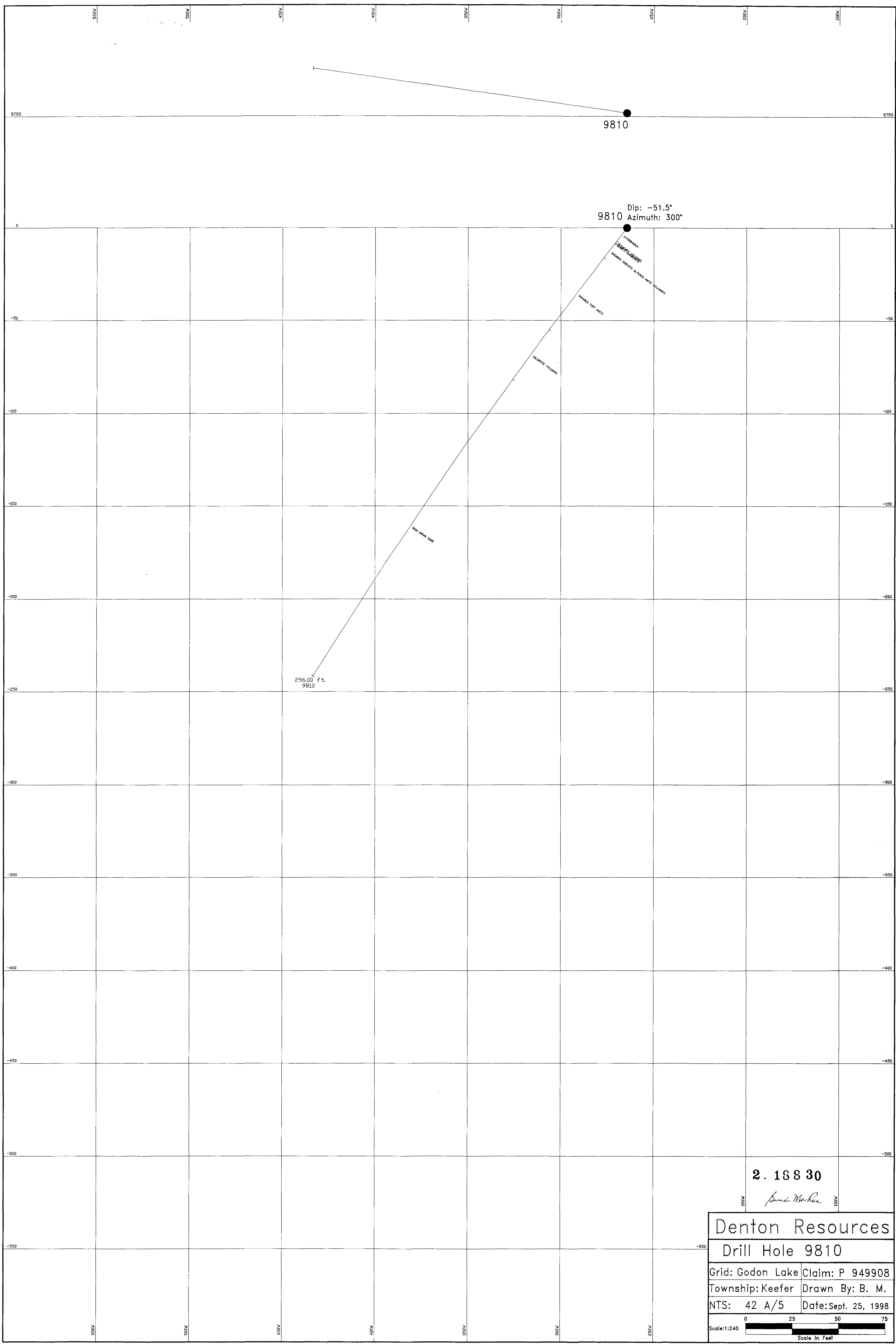
Drill Hole Location

9813

Date: Sept. 1998	Scale: 1" = 200'	NTS: 42 A/5
Drawn: P. Gauthier	Township: Denton	



42A05SE2003 2.18830 DENTON



2. 188 30

Brenda Markie

Denton Resources	
Drill Hole 9810	
Grid: Godon Lake	Claim: P 949908
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998
Scale: 1:240	
Scale In Feet	



9816

Dip: -50.5°
9816 Azimuth: 111° 500w / 0 N

HYDRAULIC FLOOR

1000' 1000'

100' 100'
100' 100'
100' 100'
100' 100'
100' 100'
100' 100'

THINLY BEDDED
THINLY BEDDED
THINLY BEDDED

SHALE (CLAY)

SHALE (CLAY) WITH IRON STAIN

SHALE (CLAY)

325.00 ft.
9816

2. 188 30

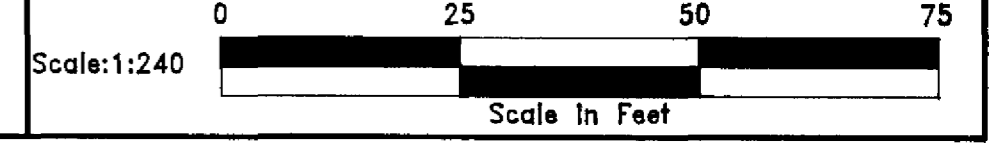
B. M.

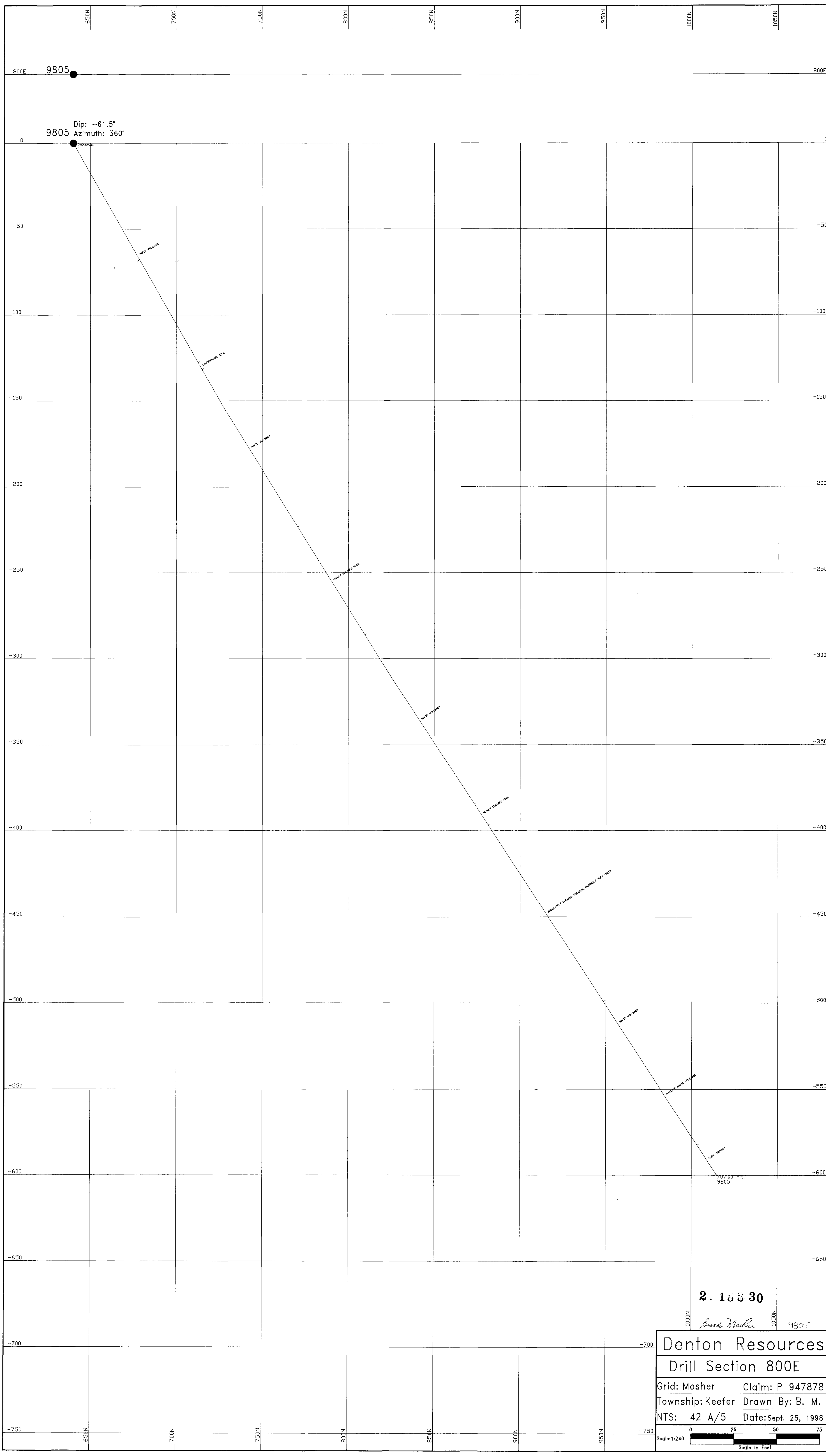
Denton Resources
Drill Hole 9816

Grid: Godon Lake Claim: P 949908

Township: Keefer Drawn By: B. M.

NTS: 42 A/5 Date: Sept. 25, 1998

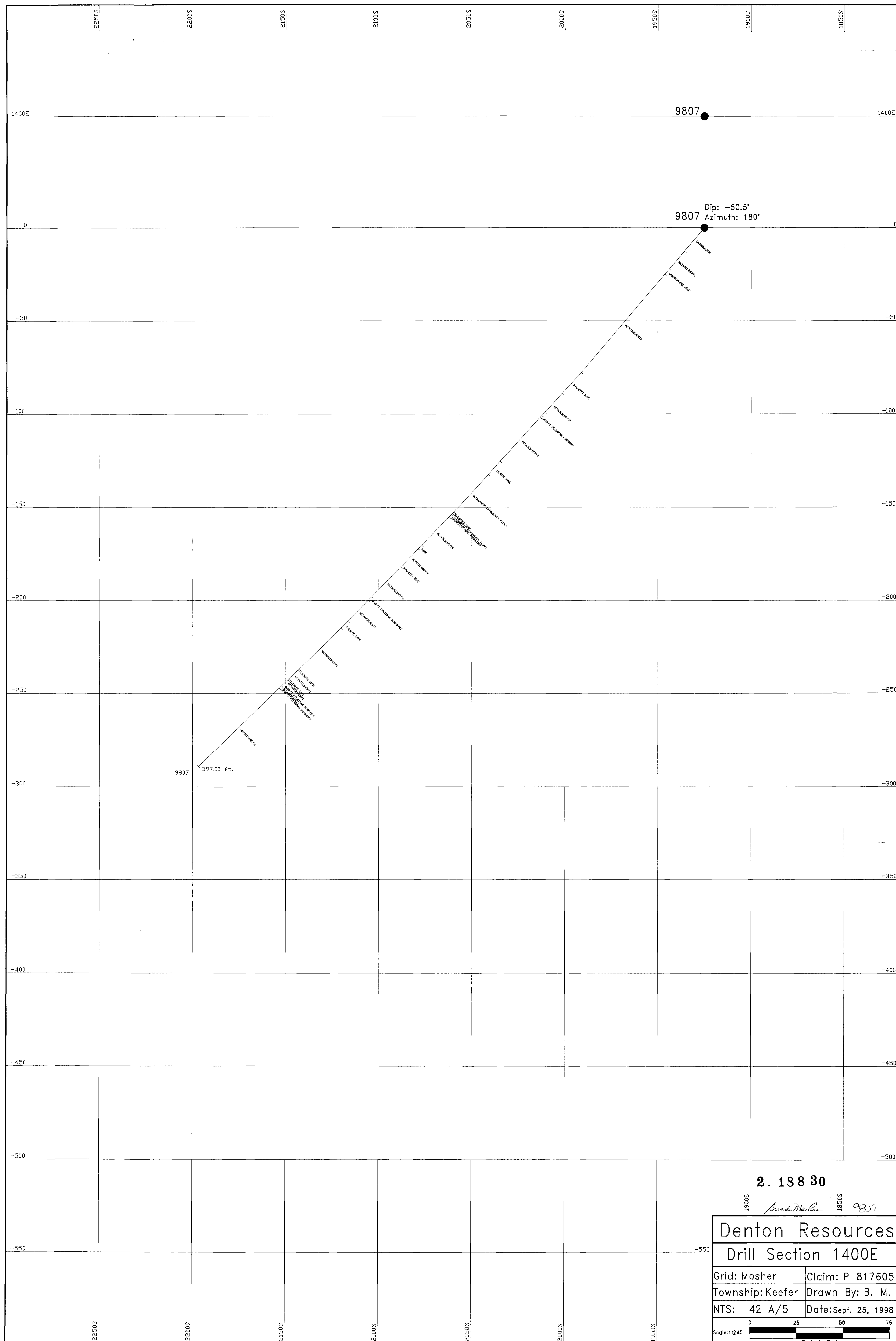




2. 188 30

Brenda Mackay 9805

Denton Resources	
Drill Section 800E	
Grid: Mosher	Claim: P 947878
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998
Scale: 1:240	Scale In Feet



9807

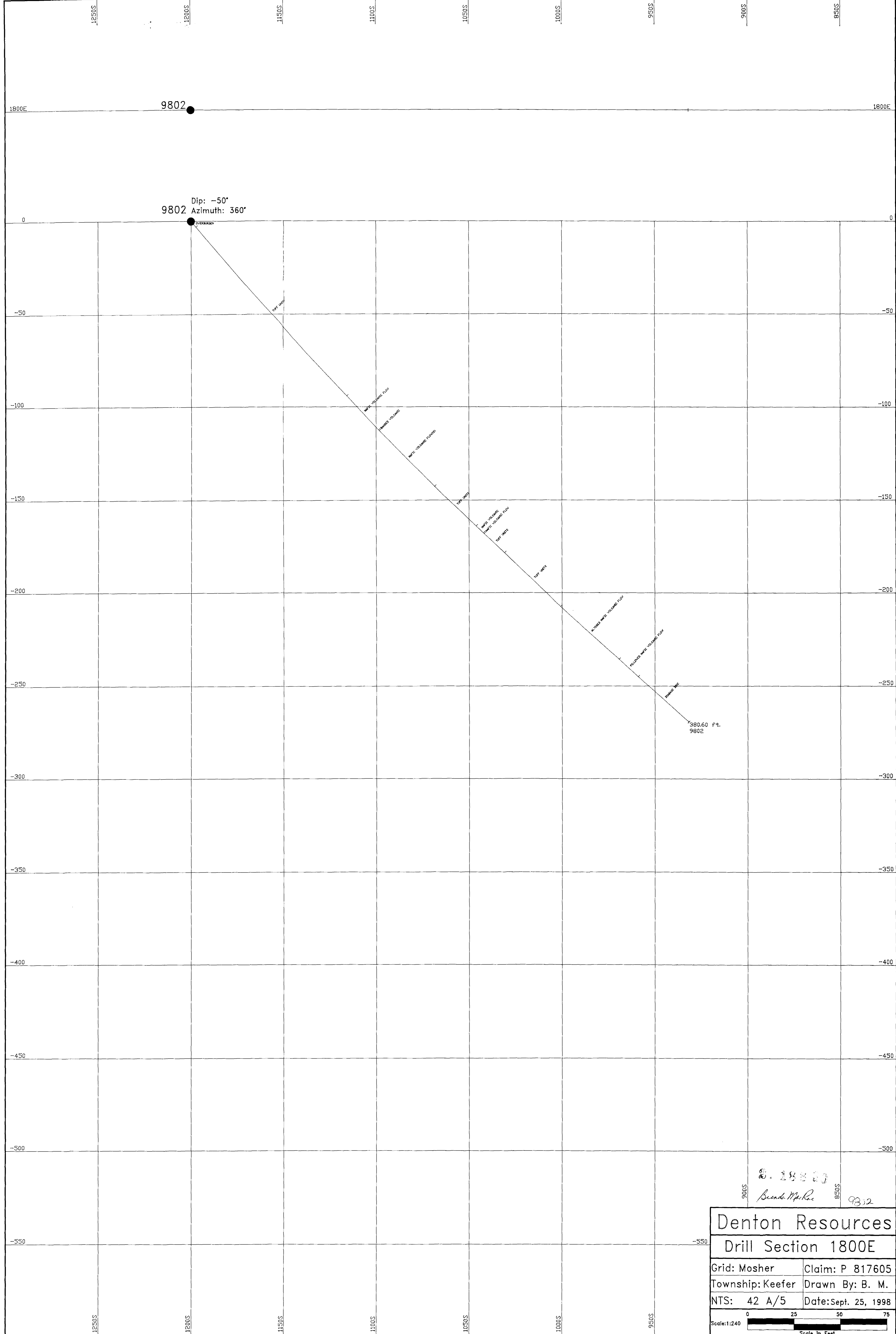
Dip: -50.5°
Azimuth: 180°

9807 397.00 ft.

2. 188 30

Scudder Moshier 9807

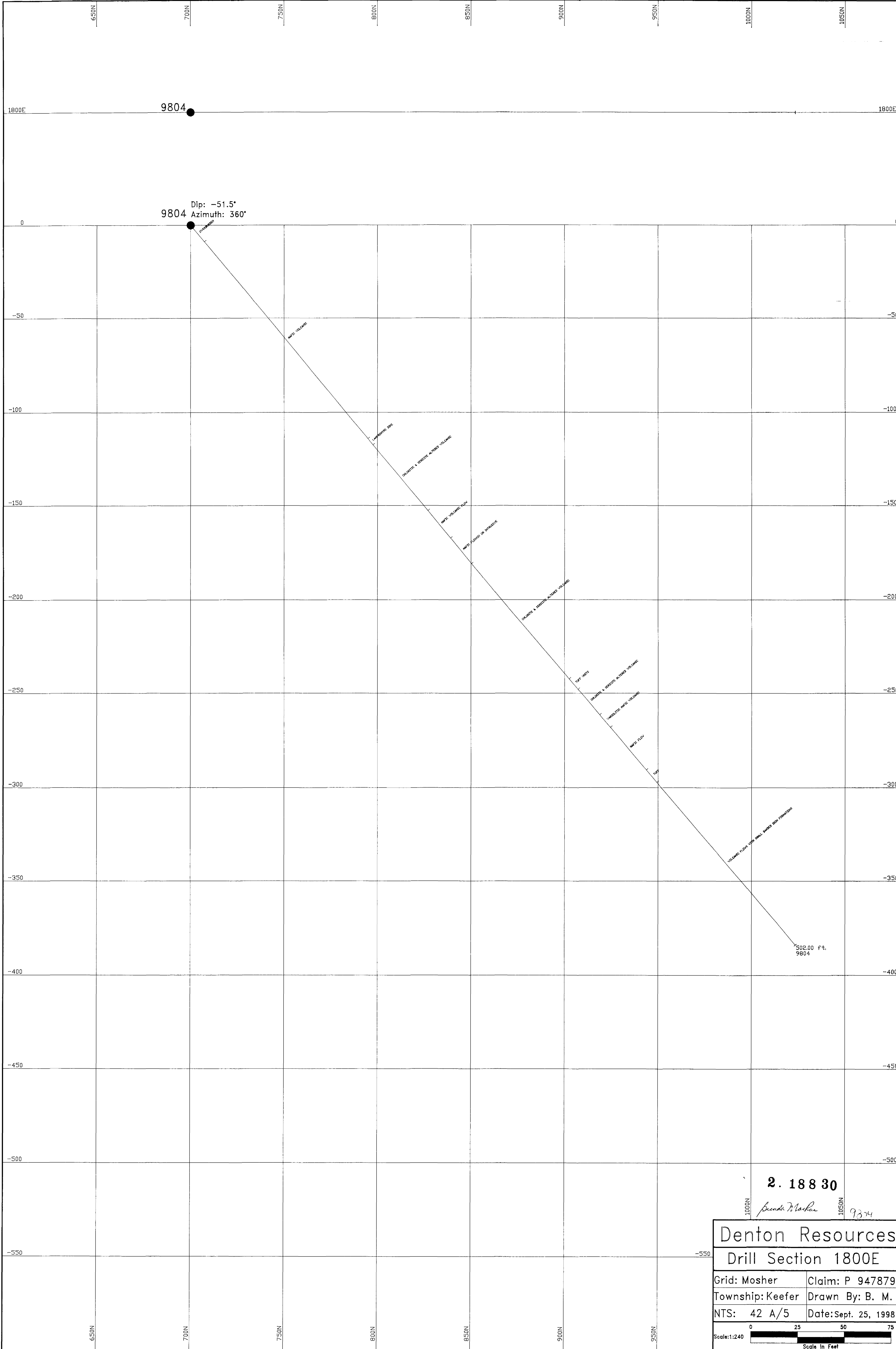
Denton Resources	
Drill Section 1400E	
Grid: Mosher	Claim: P 817605
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998
Scale: 1:240	
Scale in Feet	



8. 1800
Brenda M. Rice
 9312

Denton Resources	
Drill Section 1800E	
Grid: Mosher	Claim: P 817605
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998
Scale: 1:240	
Scale In Feet	



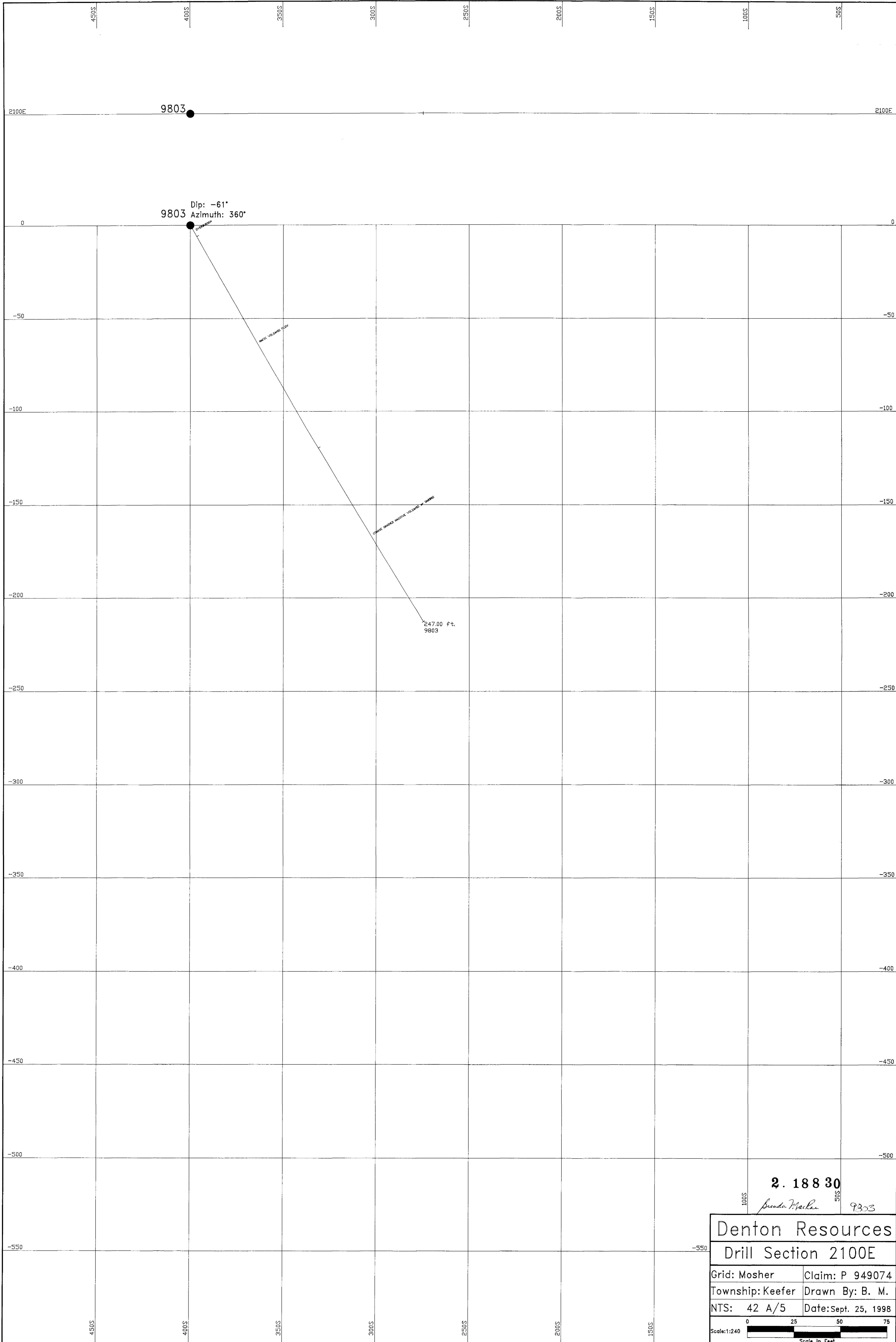


2. 188 30

Beulah Moshier 9334

Denton Resources	
Drill Section 1800E	
Grid: Mosher	Claim: P 947879
Township: Keefe	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998
Scale: 1:240 Scale In Feet	



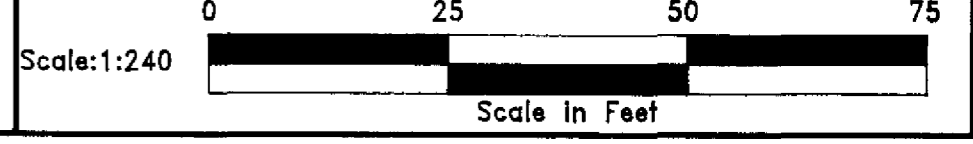


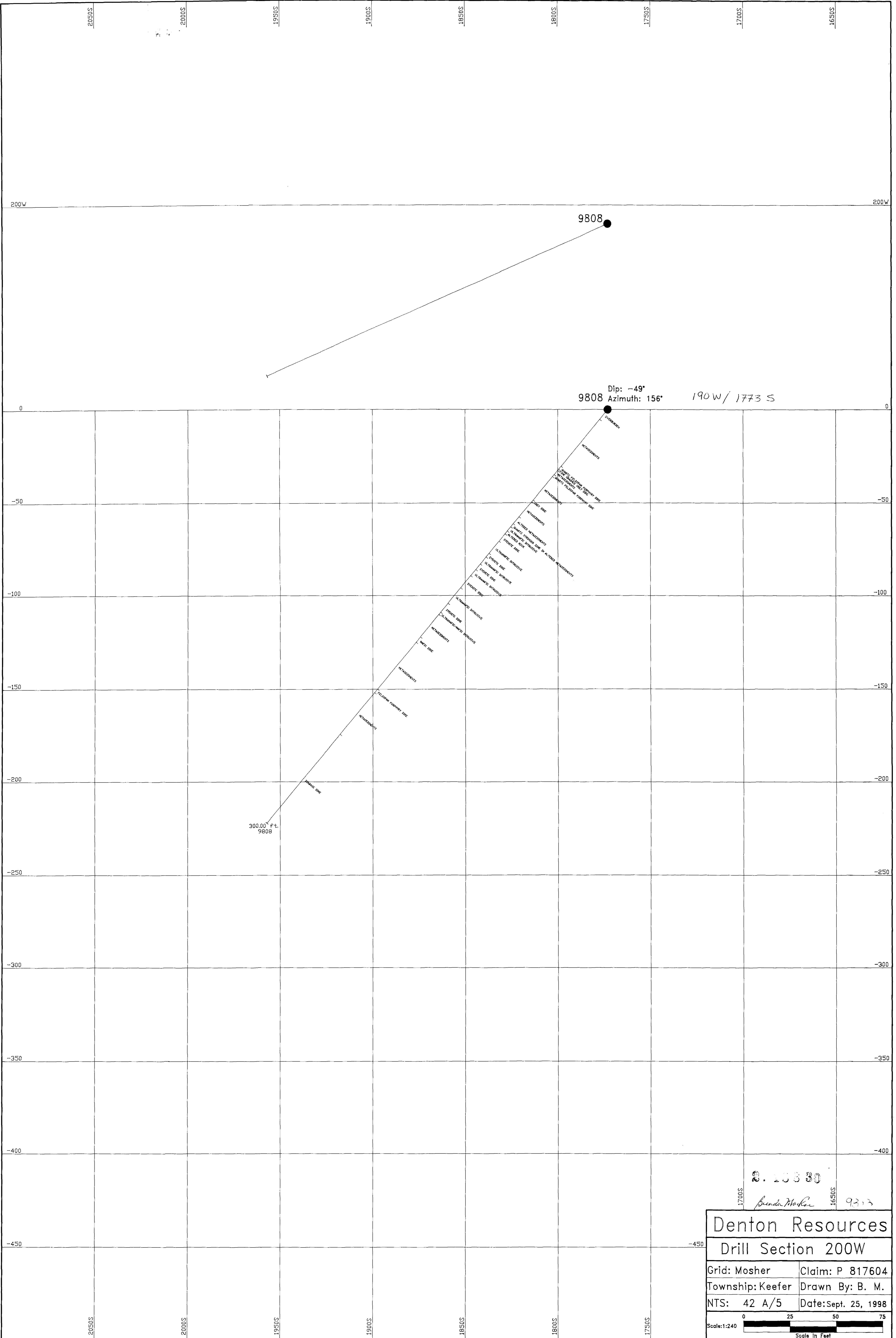
2. 188 30

Brenton Macklin 9303

Denton Resources
Drill Section 2100E

Grid: Mosher	Claim: P 949074
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998





9808

9808 Dip: -49° Azimuth: 156° 190W / 1773 S

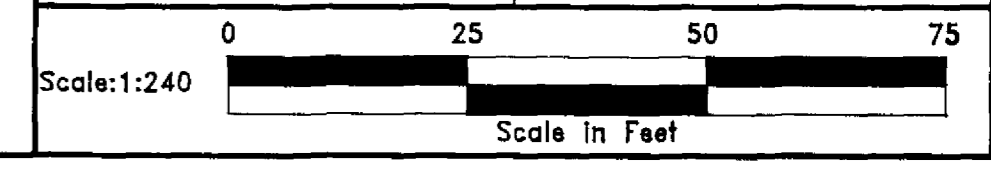
300.00 Ft.
9808

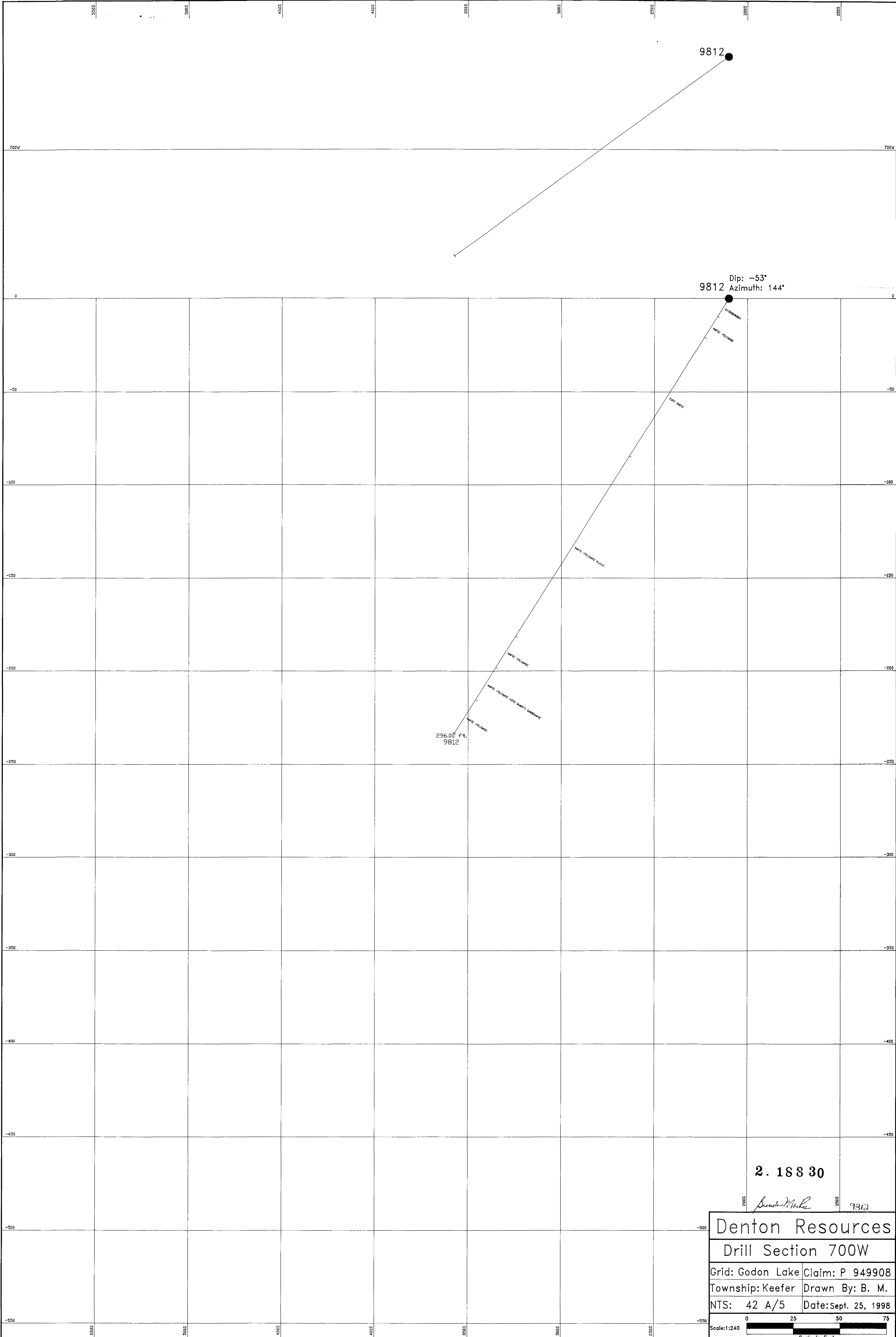
9. 108 30

Brenda M. K... 9373

Denton Resources
Drill Section 200W

Grid: Mosher	Claim: P 817604
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998





9812

Dip: -53°
Azimuth: 144°
9812

296.00 ft.
9812

2. 188 30

B. M. Keefe 9812

Denton Resources	
Drill Section 700W	
Grid: Godon Lake	Claim: P 949908
Township: Keefer	Drawn By: B. M.
NTS: 42 A/5	Date: Sept. 25, 1998
Scale: 1:240	0 25 50 75 Scale In Feet