



42E12NW0150 23 SANDRA

010

DIAMOND DRILLING

TOWNSHIP: SANDRA TWP.

REPORT NO: 23

WORK PERFORMED FOR: Edda Resources Inc.

RECORDED HOLDER: Same as Above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
891798	BRD-88-01	957'		(1)
891801	BRD-88-02	1157'		(1)
927380	BRD-88-03	997'		(1)
891805	BRD-88-04	1007'		(1)
888032	BRD-88-05	1187'		(1)
891803	BRD-88-07	787'		(1)
		<u>6092'</u>		

(1) W8904.176, date filed May/89

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-01

Project : Beardmore

Northing : 10+15 S Length: 957

Easting : 3+00 W

Elevation: Surface

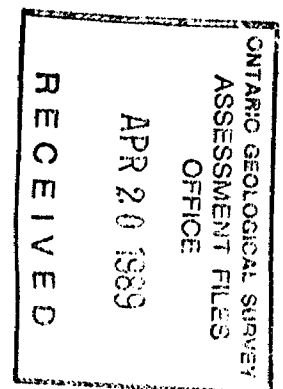
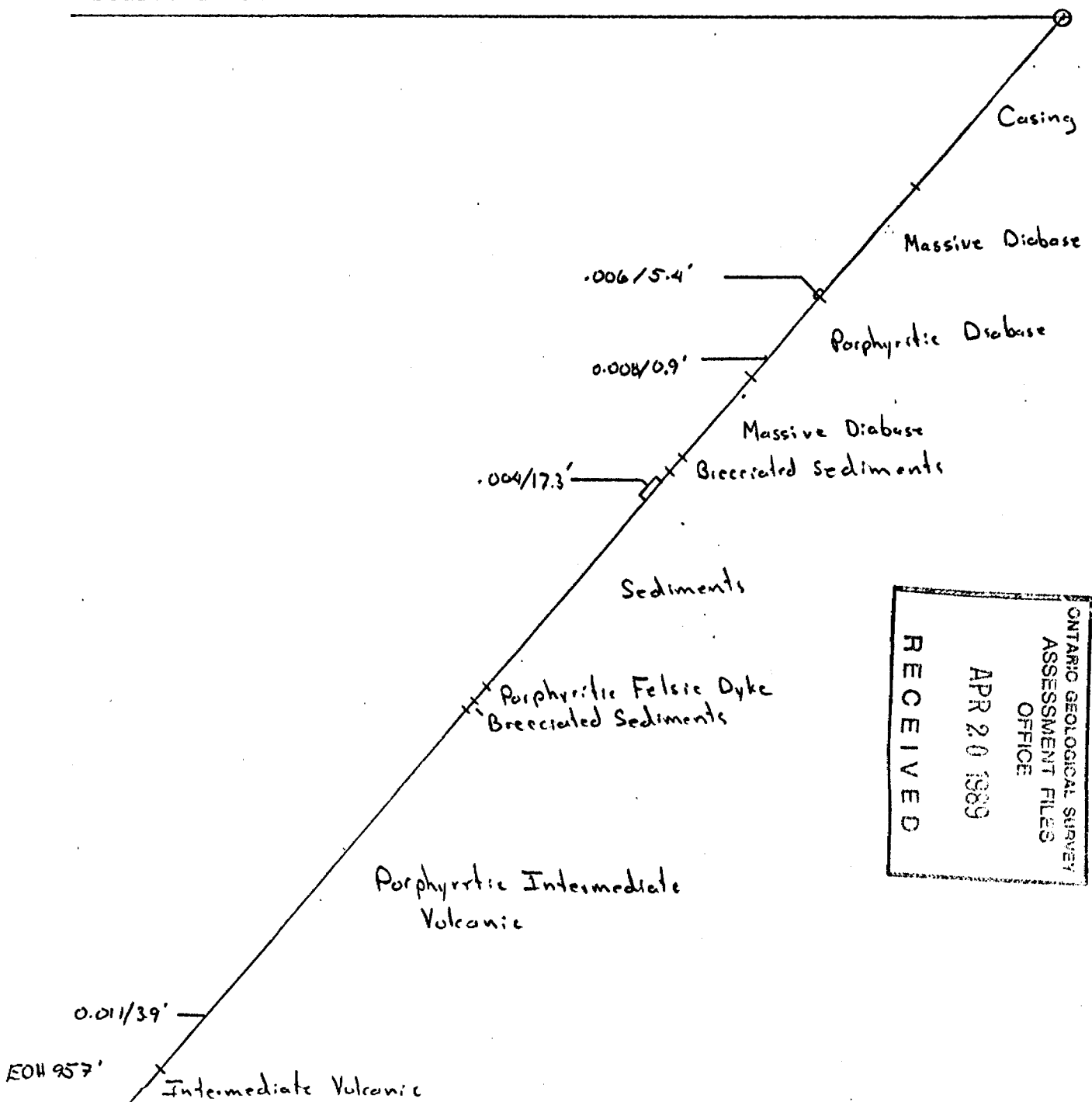
Location: Sandra Township
Beardmore, Ontario

	Tests		
	Depth	Azm.	Dip
N.T.S. :	Collar	180	-50
	300		-57
	600		-48
UTM:	957		-54

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-01
Scale: 1"=100'

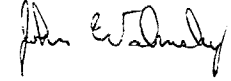


E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-01
 Logged By: D. Paul
 Date: February 11, 1988

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FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
:0.0'	:147.0'	:Casing	:	:	:	:	:
:147.0'	:385.0'	:Diabase - faulted and highly fractured	:	:	:	:	:
:	:	- medium grained, dark green-grey, strongly magnetic	:208.0	:210.0	: 12271	: 2.0	: tr
:	:	- fairly homogeneous and massive where not affected by faulting	:241.6	:245.0	: 12272	: 3.4	: .006
:	:	- very fractured and broken up throughout particularly from	:245.0	:247.0	: 12273	: 2.0	: .005
:	:	212.6' - 240'	:293.3	:296.0	: 12274	: 3.1	: .004
:	:	- chloritic fractures cut up the rock at variable orientations	:300.1	:301.9	: 12275	: 1.8	: .008
:	:	(0-60 degrees tca) sometimes slickensided (slick surfaces approx	:329.4	:330.6	: 12776	: 1.2	: tr
:	:	50 - 60 degrees tca)	:	:	:	:	:
:	:	- very minor (<1% of rock) calcite veinlets paralleling chlorite	:337.9	:338.8	: 12277	: 0.9	: tr
:	:	fractures; very minor (<1%) sulphides 1cm wide, medium grained,	:	:	:	:	:
:	:	quartz/feldspar/hblde vein cutting diabase, (0-10 degrees tca)	:354.9	:357.0	: 12278	: 2.1	: .009
:	:	- gradational contact (?) into porphyritic diabase (difficult to	:	:	:	:	:
:	:	tell due to broken nature of the rock)	:384.0	:386.5	: 12279	: 2.5	: tr
:245.0'	:315.0'	:Porphyritic Diabase - part of the above diabase	:	:	:	:	:
:	:	- medium-grained, dark green-grey with 0.5-2cm sausseritized	:	:	:	:	:
:	:	feldspar phenocrysts	:	:	:	:	:
:	:	- magnetic, gradational in and out of porphyritic rock (1-3 meter	:	:	:	:	:
:	:	bands)	:	:	:	:	:
:	:	- highly fractured and brecciated up to 315'	:	:	:	:	:
:	:	- very minor (<1%) thin quartz/chlorite veining +/- sulphides from	:	:	:	:	:
:	:	293' - 302'	:	:	:	:	:
:	:	- chilled margin (very fine grained green-black diabase) from	:	:	:	:	:
:	:	approx. 377' - 385' with a few 3-5cm fragments of the underlying	:	:	:	:	:
:	:	volcanic rock	:	:	:	:	:

John E. Adams

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- some layers are very siliceous (cherty) particularly near quartz veined horizon	510.1	514.4	12310	4.3	nil
		- coarser grained, grey/brown wacke (0.5-1.0m) beds are common from 518'- 572'	515.0	519.8	12311	4.8	nil
			521.2	524.1	12312	2.9	nil
		- from 577'- 585' the sediments become brecciated and intensely quartz/cal veined (approx. 15% of rock) and 3% sulphides	524.3	527.6	12313	3.3	nil
			529.0	533.9	12314	4.9	nil
585.0'	599.4'	Foliated Porphyritic Felsic Dike	535.2	538.8	12315	3.6	nil
		- medium grained, light green-beige, with 0.3 - 1cm lenticular (foliated sausseritized feldspar, +/- quartz phenocrysts)	539.0	540.8	12316	1.8	nil
			541.6	543.5	12317	1.9	nil
		- well developed foliation approx 30 degrees tca	543.5	547.2	12318	3.7	nil
		- very minor quartz veins and pyrite at margin of dike near contact with seds	548.0	553.0	12319	5.0	nil
			553.0	557.0	12320	4.0	nil
		- finer grained - chilled margins - at 585' and 599'	557.7	562.5	12321	4.8	nil
			562.5	567.0	12322	5.0	nil
599.4'	606.0'	Brecciated and Fragmented Metasediments	567.3	571.4	12323	4.1	nil
		- dark grey-green/black and light green-beige, fine grained	572.5	577.0	12324	4.5	nil
		- streaky layering 30 degrees tca with 0.2 - 1cm fragments	577.0	581.8	12325	4.8	nil
		- approx. 10-15% quartz and 5% carbonate and 3% pyrite/pyrrhotite	581.8	585.0	12326	3.2	nil
			585.0	586.5	12327	1.5	nil
			597.0	599.4	12328	2.4	nil
606.0'	915.8'	Porphyritic Intermediate Volcanic	599.4	603.0	12329	3.6	nil
		- fine to medium grained, medium green-grey	603.0	607.0	12330	4.0	nil
		- homogeneous and massive to weakly foliated 40-45 degrees tca	610.0	613.2	12331	3.2	nil
		- fine grained contact zone up to 642'	614.2	617.0	12332	2.8	nil
		- beyond 642', becomes medium grained, streaky/mottled olive green containing 60% mafics (hblde, chlorite, epidote) and 30-40% feldspar (+/- sausseritized), +/- 1-5% quartz, +/- pyrite/pyrrhotite	624.6	628.5	12333	3.9	nil
			628.5	630.8	12334	2.3	nil
			631.0	634.4	12335	3.4	nil
		- minor (<1cm wide) quartz - +/- calcite veins (40-50 degrees tca) (approx. 3-5% of rock) with 1-2% fine grained pyrite/pyrrhotite	634.4	637.0	12336	2.6	nil
			637.5	640.2	12337	2.7	nil
		- rare (1-2cm wide) +/- brecciated very fine grained light green (epidote) siliceous bands eg., 737'- 738'	642.0	644.9	12338	2.9	nil
			663.5	665.2	12339	1.7	nil

John W. Palmer

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- brecciated, quartz/epidote veined zone 740'- 745' and 774'- 779'	:667.0	:670.7	: 12340	: 3.7	: nil
		- 1 - 3cm sized frags of int. volc. surrounded by quartz, epidote	:676.4	:680.0	: 12341	: 3.6	: nil
		+/- chlorite and fine grained pyrrhotite	:685.4	:688.7	: 12342	: 3.3	: nil
		- thin black (bt-chl) fractures (0 - 35 degrees tca) common from	:722.9	:725.5	: 12343	: 3.6	: .009
		855'- 915' usually with very fine grained pyrite, +/- pyrrhotite	:729.1	:731.8	: 12344	: 2.7	: nil
		on foliation surfaces, +/- minor quartz (<3%)	:	:	:	:	:
		- becomes finer grained and lighter green containing 3-5% chlorite,	:734.6	:737.0	: 12345	: 2.4	: nil
		0.5 - 1mm hornblende phenocrysts from 868'	:737.0	:739.0	: 12346	: 2.0	: nil
		- fairly abrupt contact with underlying rock at quartz/epidote vein:	:741.2	:743.8	: 12347	: 2.6	: .007
		from 916'- 917'	:769.6	:772.2	: 12348	: 2.6	: .008
			:774.4	:779.3	: 12349	: 4.9	: nil
			:	:	:	:	:
:915.8'	:957.0'	Intermediate Volcanic with minor Lapillistone	:779.3	:788.5	: 12350	: 9.2	: .009
	:EOH	- medium grey-green, fine to very fine grained, weak to good	:784.3	:787.0	: 12351	: 2.7	: nil
		foliation (approx. 50 degrees tca)	:	:	:	:	:
		- brecciated zone from 916'-925' - bt/chlorite surrounds breccia	:789.4	:791.2	: 12352	: 1.8	: nil
		with <1% quartz and calcite vein material and 1-2% fine grained	:794.5	:797.0	: 12353	: 2.5	: .005
		pyrite/pyrrhotite on mica foliation surfaces	:798.2	:799.8	: 12354	: 1.6	: .003
		- two 10cm-wide quartz/chlorite/feldspar/epidote veins cut the rock:	:807.0	:812.8	: 12355	: 5.8	: nil
		in this breccia zone 50-55 degrees tca	:812.8	:817.0	: 12356	: 5.2	: .002
			:817.7	:820.3	: 12357	: 2.6	: nil
		- from 936' - 942', 2-4cm elliptical "blebs" of intermed volcanic	:823.2	:826.1	: 12358	: 2.9	: nil
		material grade from medium green interiors to light green finer	:845.8	:849.7	: 12359	: 3.9	: nil
		grained edges, the interstices between "blobs" consist of finer	:850.6	:855.0	: 12360	: 4.4	: .002
		grained bt/epidote/carb/+/- quartz and pyrite/pyrrhotite clots	:855.0	:858.8	: 12361	: 3.8	: nil
		- possibly intermediate lapillistone	:865.5	:869.3	: 12362	: 4.8	: .002
		- beyond 942' - can't recognize "blobs" but see similar zonations	:870.5	:873.0	: 12363	: 2.5	: .011
		over 10-20cm bands	:886.1	:890.0	: 12364	: 3.9	: .001
		- minor quartz/calcite, +/- epidote veining (approx. 2% rock) with	:898.3	:901.0	: 12365	: 2.7	: nil
	:EOH	no visible sulphides from 947'- 957'	:914.8	:916.4	: 12366	: 1.6	: nil
			:916.4	:919.4	: 12367	: 3.0	: nil
			:919.4	:922.3	: 12368	: 2.9	: nil
			:922.3	:926.4	: 12369	: 4.1	: nil
			:926.4	:931.0	: 12370	: 4.6	: nil
			:	:	:	:	:

E. H. van Hees Geological Services Inc.

For: Mill City Gold

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-02

Project : Beardmore

Northing : 1+00 S

Length: 1157

Easting : 2+40 W

Elevation: Surface

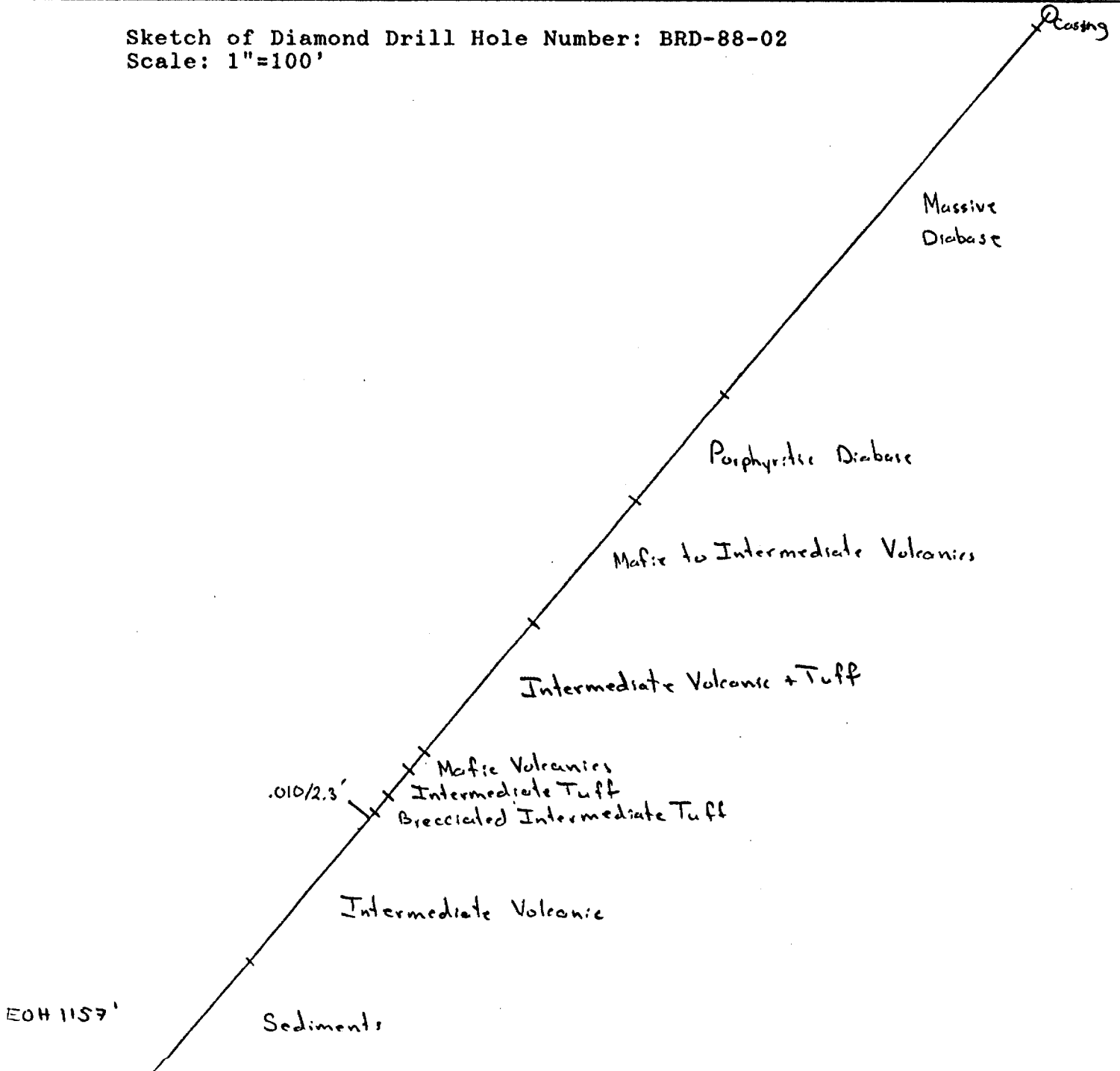
Location: Sandra Township
Beardmore, Ontario

	Tests		
	Depth	Azm.	Dip
N.T.S. :	Collar	185	-50
	307		-54
	607		-54
UTM:	907		-47
	1157		-46

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-02
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-02
 Logged By: D. Paul
 Date: January 29, 1988

Page 1 of 7 *John W. Smiley*

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0.0'	11.0'	Casing	34.1	35.1	12001	1.0	nil
11.0'	349.3'	Diabase	47.6	48.7	12002	1.1	nil
		- dark green-black, medium grained	111.7	112.3	12003	0.6	nil
		- massive and homogeneous	122.2	122.9	12004	0.7	nil
		- characteristic ophitic texture	134.1	136.6	12005	2.5	nil
		- magnetic	138.3	139.2	12006	0.9	nil
		- very minor fractures (1 in 20'), chloritized* with minor fine grained pyrite	181.0	184.0	12007	3.0	.008
		- minor 1 - 2" wide quartz veins with chlorite throughout and fine grained pyrite in host rock along contacts (eg 47.9')	184.0	187.0	12008	3.0	nil
		- *thin (<1mm) chlorite filled fractures +/- pyrite occur regularly from 127'- 227' at variable orientations (0-45 degrees tca) -	194.8	196.3	12009	1.5	nil
		rock becomes softer due to fracturing - possible minor flt zone	208.3	210.5	12010	2.2	nil
		- becomes slightly finer grained below 230' and less fractured	220.2	224.5	12011	4.3	nil
			224.5	227.0	12012	2.5	nil
			306.3	307.5	12013	1.2	nil
			311.8	312.5	12014	0.7	nil
			325.0	326.6	12015	1.6	nil
			337.0	338.3	12016	1.3	nil
			340.8	342.8	12017	2.0	nil
			342.8	344.7	12018	1.9	nil
349.3'	442.0'	Porphyritic diabase - probably part of above diabase	404.3	407.0	12019	2.7	nil
		- dark green-grey, medium grained with 0.5cm green sausseritized feldspar phenos +/- minor sulphides	415.6	418.0	12020	2.4	nil
		- % phenocrysts varies up to 20% and grades into the medium-grained diabase	407.0	411.0	12021	4.0	nil
		- magnetic					
		- minor 1-10cm wide quartz/feldspar/pink calcite veins sub-parallel (0-10 degrees tca) with associated fine grained sulphides (<1%)					
		- becomes finer grained, chilled margin, from 437'- 442'					

John W. Dunlop

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
:551.2'	:667.0'	Intermediate (to Felsic) Volcanics and Tuffaceous Horizons	:560.8	:563.6	: 12048	: 2.8	: nil
:	:	- medium to light grey-green, fine grained, weak foliation (45 to 50 degrees tca), non magnetic	:563.6	:567.0	: 12049	: 3.4	: nil
:	:	- varies from fairly massive, homogeneous, 1-meter wide horizons to 2-3 meter wide horizons of medium green rock with 2-5mm sized lighter green felsic clasts(?)	:590.5	:594.0	: 12050	: 3.5	: nil
:	:	- medium grained quartz/carb +/- feldspar veins with pyrite cut at variable orientations (generally 45-50 degrees tca)	:594.0	:597.0	: 12051	: 3.0	: nil
:	:	- 2-5cm wide bands of very fine grained light grey material occur approx every 1-2 ft, they are often porous with mineral filled cavities containing quartz/calcite/pyrite +/- epidote +/- chlorite and +/- a white bladed to fibrous radiating mineral - tremolite or zeolite??**	:597.0	:600.0	: 12052	: 3.0	: nil
:	:	- from 596 - 612' weathered out horizons occur approx every 0.5-1' and schistosity becomes better defined	:600.0	:603.2	: 12053	: 3.2	: nil
:	:	- from 615 - 654', 3-6cm wide very fine grained, light beige siliceous bands (+/- carbonate +/- pyrite) occur (approx every 0.5-1') +/- minor brecciation	:603.2	:607.9	: 12054	: 4.7	: nil
:	:	**same fibrous mineral mentioned above in overlying unit	:571.0	:575.3	: 12055	: 4.3	: nil
:	:		:	:	:	:	:
:	:		:576.4	:579.9	: 12056	: 3.5	: .002
:	:		:579.9	:582.2	: 12057	: 2.3	: nil
:	:		:584.2	:587.0	: 12058	: 2.8	: nil
:	:		:607.9	:612.0	: 12059	: 4.1	: nil
:	:		:614.8	:617.4	: 12060	: 2.6	: nil
:	:		:617.4	:621.3	: 12061	: 3.9	: nil
:	:		:622.5	:626.7	: 12062	: 4.2	: nil
:	:		:626.7	:629.0	: 12063	: 2.3	: nil
:	:		:631.0	:632.4	: 12064	: 1.4	: nil
:	:		:633.2	:636.0	: 12065	: 2.8	: nil
:	:		:	:	:	:	:
:667.0'	:684.0'	Mafic to Intermediate Volcanics	:636.2	:638.9	: 12066	: 2.7	: nil
:	:	- dark green-grey, fine grained, foliation 50 degrees tca	:645.8	:648.6	: 12067	: 2.8	: nil
:	:	- chloritic and more mafic horizons define foliation	:652.2	:654.0	: 12068	: 1.8	: nil
:	:	- 1-3cm wide quartz (+/- brecciated) veins with pyrite cut at variable angles; (1-3% quartz)	:669.7	:660.1	: 12069	: 0.4	: nil
:	:	- fine grained calcite veins x-cut this horizon (1-2%)	:660.9	:663.3	: 12070	: 2.4	: nil
:	:	- pyrite occurs as coarse to fine clots in rock and associated with the quartz and calcite veins (1%)	:667.4	:669.6	: 12071	: 2.2	: nil
:	:		:675.5	:679.0	: 12072	: 3.5	: nil
:	:		:	:	:	:	:

John E. Adamsky

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
			675.5	679.0	12072	3.5	nil
			679.0	684.0	12073	5.0	nil
			684.5	687.9	12074	3.4	nil
684.0'	705.5'	Intermediate - Felsic Tuff (Lapilli)	688.7	693.4	12075	4.7	nil
		- medium-light beige/green/grey, very fine grained	693.3	698.2	12076	4.9	nil
		- finely layered on a scale of 1mm-several cm's	698.2	702.9	12277	4.7	nil
		- thin 1-3mm dark layers are weakly magnetic +/- pyrite rich layers	702.9	707.5	12278	4.6	nil
		- becomes very flattened (sheared looking) with flattened streaks (tuff material?) with a strong foliation 50 degrees tca	707.5	711.9	12079	4.4	.004
		- calcite veins and irregular fractured fillings throughout	717.6	721.0	12080	3.4	nil
		- pyrite clots in rock (1%) and associated with quartz and calcite veins (2-3%)	723.2	727.0	12081	3.8	nil
			727.9	729.2	12082	1.3	nil
			731.0	732.0	12083	1.0	nil
705.5'	720.0'	Brecciated Intermed-Felsic Tuff	733.0	735.3	12084	2.3	.010
		- light beige, green to medium green-grey, foliated (50 degrees tca) and brecciated rock	744.3	746.4	12085	2.1	nil
		- breccia surrounded by quartz veins (0-45 degrees tca) (5%) +/- carb, +/- chlorite and fine grained pyrite clots (2%) within the vein material	748.5	750.3	12086	1.8	nil
			751.5	753.8	12087	2.3	nil
			756.0	759.0	12088	3.0	nil
		- 3 - 6cm wide bands of breccia	760.0	763.6	12089	3.6	nil
			767.8	769.2	12090	1.4	nil
720.0'	854.5'	Intermediate Volcanic	771.2	772.0	12091	0.8	nil
		- fine grained, medium grey-green, homogeneous	772.9	773.9	12092	1.0	nil
		- foliation 60-65 degrees tca	790.7	792.3	12093	1.6	nil
		- minor 0.5-1mm chlorite-biotite streaks, occasional 2-3cm wide horizons of flattened calcite - filled amygdules	797.6	801.4	12094	3.8	nil
		- brecciated and quartz veined zone from 747'- 760' with pyrite in veins and rock, (3-5% quartz); (1-2% pyrite)	801.5	803.7	12095	2.2	nil
		- brecciated and quartz veined zone from 835'- 847' with pyrite and red Fe staining of veins	808.0	810.8	12096	2.8	nil
		- other quartz veins +/- pyrite and carb veins +/- pyrite (3-5%) at varying angles tca	811.0	814.1	12097	3.1	nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- minor quartz/carb/epidote pyrite veins at 724.0'	:817.8	:820.1	: 12099	: 2.3	: nil
		- light beige-green, streaky/layered (45 - 50 degrees tca) horizon	:824.8	:829.7	: 12100	: 4.9	: nil
		from 817'- 829.7' with minor brecciation at quartz and quartz/ carb veins, +/- pyrite, fairly abrupt contact with surrounding intermediate rocks	:833.6	:837.6	: 12101	: 4.0	: nil
:854.5'	:1132.0'	Interlayered Argillite, Siltstone and Greywacke	:838.8	:843.0	: 12102	: 4.2	: nil
		- greenish-grey to dark grey-black layers, mm to 5cm scale layering (parallel to foliation approx 50 - 60 degrees tca), minor warping and kinking of foliation in some horizons	:843.0	:847.0	: 12103	: 4.0	: nil
		- very fine grained and finely laminated black argillite with py and quartz veins interlayed with medium-grey silty layers, +/- fine grained pyrite	:849.1	:851.1	: 12105	: 2.0	: nil
		- some very flattened 1-5mm lenses (clasts?) +/- pyritized, +/- carbonitized, +/- silicified	:851.1	:856.6	: 12106	: 5.5	: nil
		- a graphitic horizon at 868' with (3%) pyrite and quartz (5%)	:856.6	:861.4	: 12107	: 4.8	: nil
		- fine to coarse quartz veins (3-5%) and calcite veins (3%), 10-80 degrees tca (sometimes brecciated) throughout, often spotty red staining of the vein material	:862.0	:865.6	: 12108	: 3.6	: nil
		- minor offsets of layers along quartz veins	:865.6	:869.0	: 12109	: 3.4	: .010
		- kinked, quartz veined, pyritized argill layers become less prominent from 933'- 981.9' - the py here is very fine grained in thin veinlets and <1mm euhedral crystals	:869.0	:872.3	: 12110	: 3.3	: nil
		- from 1010'-1040', 1 meter wide beds of fine gr siltstone - greywacke becomes dominant with thin argill layers	:872.3	:875.2	: 12111	: 2.9	: nil
		- greywacke has 0.5-1mm sub-angular feldspar and quartz veins and very fine grained light grey clasts	:879.8	:884.0	: 12112	: 4.2	: nil
		- can see fining from greywacke into argillaceous horizons	:885.1	:889.2	: 12113	: 4.1	: nil
		- graphitic shaley horizon from 1050'-1051' with (5-8%) quartz veins	:875.2	:880.0	: 12114	: 4.8	: nil
		- pyrite occurs as euhedral 1-2mm cubes in seds or as very fine grained laminae parallel to foliation and as veinlets	:889.7	:893.8	: 12115	: 4.1	: nil
		- fine grained dark grey-black thinly laminated argill/siltstone	:894.6	:898.0	: 12116	: 3.4	: nil
			:898.6	:901.6	: 12117	: 3.0	: nil
			:903.3	:905.8	: 12118	: 2.5	: nil
			:912.0	:914.7	: 12119	: 2.7	: nil
			:915.5	:918.4	: 12120	: 2.9	: nil
			:920.2	:923.0	: 12121	: 2.8	: nil
			:928.2	:929.8	: 12122	: 1.6	: nil
			:932.0	:933.7	: 12123	: 1.7	: nil
			:934.4	:936.9	: 12124	: 2.5	: nil
			:957.7	:959.3	: 12125	: 1.6	: nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		dominant from 1040' - 1131' (rhythmically layered mm - 3mm scale)	:958.2	:963.7	: 12126	: 5.5	: nil
		- minor brecciation and warping (soft sed deformation) of layers here	:963.9	:966.1	: 12127	: 2.2	: nil
			:973.1	:977.0	: 12128	: 3.9	: nil
			:980.0	:981.9	: 12129	: 1.9	: nil
:1132.0	:1157.0	Greywacke interlayered with minor argillite	:945.8	:947.6	: 12130	: 1.8	: nil
	:EOH	- light grey greywacke with very fine grained black argillaceous layers	:982.7	:984.3	: 12152	: 1.6	: nil
		- bedding 45 degrees tca, mm to 30 cm scale layers	:985.2	:986.2	: 12153	: 1.0	: nil
		- fine-medium grained greywacke fining into argillaceous horizons	:987.8	:989.0	: 12154	: 1.2	: nil
		- average grain size of greywacke is <0.5mm with sub-rounded clasts up to 1mm	:994.2	:996.4	: 12155	: 2.2	: nil
			:998.0	:1001.0	: 12156	: 3.0	: nil
			:1001.3	:1002.8	: 12131	: 1.5	: nil
		- intensely brecciated zone from 1135.5'-1147.0' with quartz/calcite (1-2%) veins and fine grained clots of pyrite (<1%)	:1008.0	:1009.4	: 12132	: 1.4	: nil
			:1011.0	:1015.0	: 12133	: 3.4	: nil
			:1024.0	:1025.1	: 12134	: 1.1	: nil
			:1027.5	:1029.2	: 12135	: 1.7	: nil
			:1030.0	:1031.9	: 12136	: 1.9	: nil
			:1043.2	:1044.6	: 12137	: 1.4	: nil
			:1045.7	:1048.1	: 12138	: 2.4	: nil
			:1049.6	:1051.3	: 12139	: 1.7	: nil
			:1055.4	:1057.0	: 12140	: 1.6	: nil
			:1059.2	:1061.9	: 12141	: 2.7	: nil
			:1064.6	:1066.3	: 12142	: 1.7	: nil
			:1077.7	:1079.7	: 12143	: 2.0	: nil
			:1084.0	:1085.5	: 12144	: 1.5	: nil
			:1091.1	:1094.3	: 12145	: 3.2	: nil
			:1096.6	:1097.6	: 12146	: 1.0	: nil
			:1098.2	:1100.0	: 12147	: 1.8	: nil
			:1100.0	:1101.3	: 12148	: 1.3	: nil
			:1102.8	:1103.8	: 12149	: 1.0	: nil
			:1108.4	:1109.0	: 12150	: 0.6	: nil
			:1110.4	:1113.4	: 12151	: 3.0	: nil
			:1114.8	:1116.3	: 12157	: 1.5	: nil
			:1117.0	:1121.3	: 12158	: 4.3	: nil
			:1123.1	:1126.7	: 12159	: 3.6	: nil

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-03

Project : Beardmore

Northing : 3+00

Length: 997

Easting : 12+00

Elevation: Surface

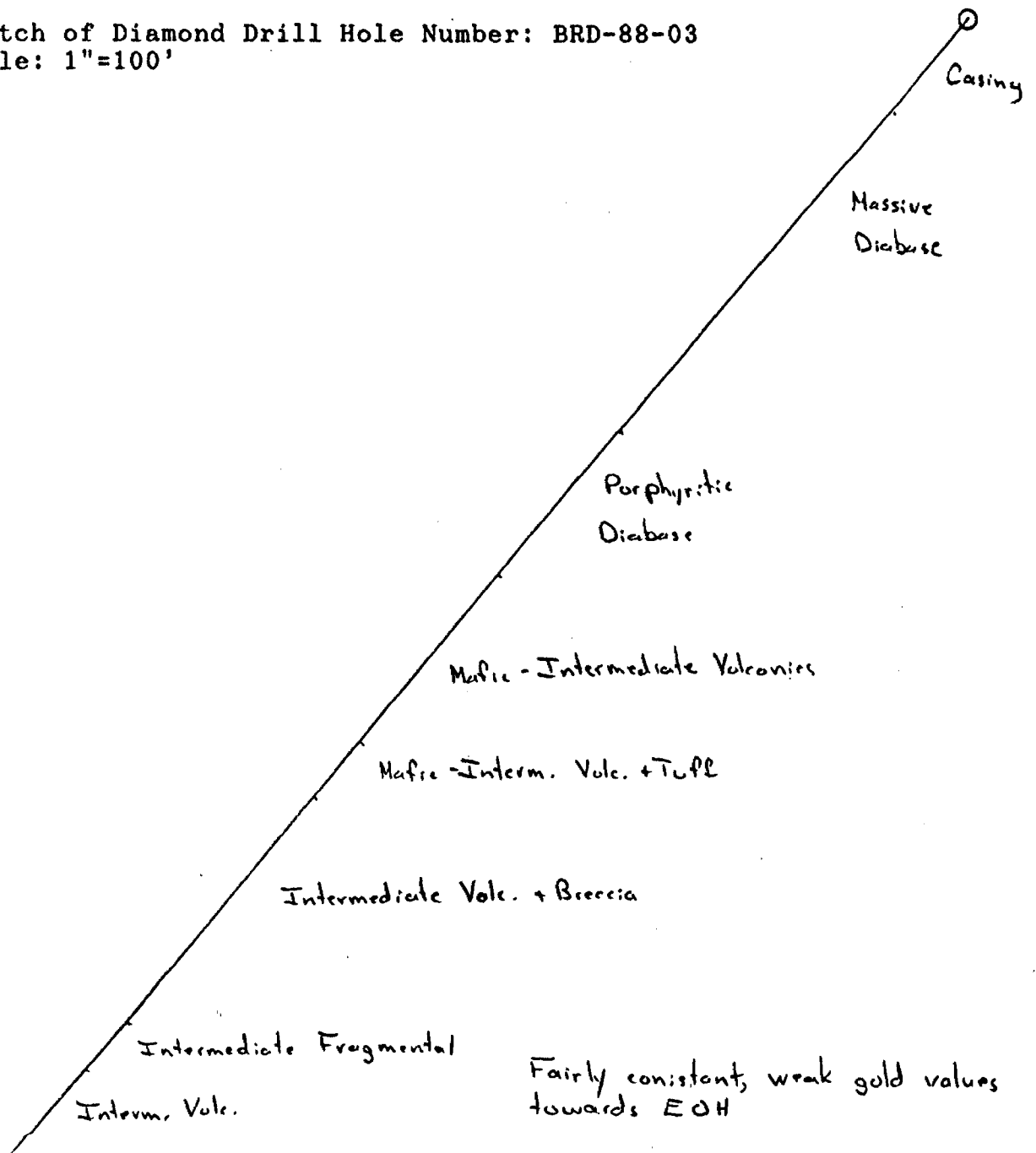
Location: Sandra Township
Beardmore, Ontario

	Tests		
	Depth	Azm.	Dip
N.T.S. :	Collar	180	-50
	300		-51
	600		-56
UTM:	900		-52

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-03
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-03
 Logged By: D. Paul
 Date: February 6, 1988

Page 1 of 5 *John W. Almsley*

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0.0'	70.6'	Casing					
70.6'	327.0'	Diabase					
		- medium-fine grained, dark green-grey, characteristic ophitic texture	112.3	113.2	12170	0.9	nil
		- homogeneous and massive, strongly magnetic	185.6	187.0	12171	1.4	.005
		- very minor medium-grained, 1-2cm wide quartz/feldspar, +/- chlorite veins (approx every 50'-100') with 1mm clots of pyrite in veins +/- in adjacent diabase					
		- minor cavity fillings of quartz/feldspar/zeolite/pyrite					
		- very minor fractured horizons (approx 1cm wide with coarse hblde, chlorite + feldspar + pyrite, e.g., one at 242')					
327.0'	442.0'	Porphyritic Diabase - probably part of above diabase					
		- medium grained, dark green-grey, gradational contact with above diabase					
		- homogeneous and massive, magnetic	347.4	349.8	12172	2.4	nil
		- 0.5-2cm light green sausseritized feldspar phenocrysts (sometimes replaced by pyrite) make up to 80% of rock	349.8	353.0	12173	3.2	.010
		- thin 1-2mm chloritized +/- quartz filled fractures +/- pyrite become more common at 327' (varying orientations 0-45 degrees tca) +/- every 1-2' interval					
		- very fine grained black-chilled margin from 441'-442'					
		- brecciated contact with underlying mafic v/c	441.5	443.8	12174	2.3	.004

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
:442.0'	:577.0'	Mafic - Intermediate Volcanic					
		- fine to very fine grained, dark green-black, weak foliation					
		50 degrees to core axis defined mostly by lighter green streaky					
		siliceous horizons from approx 442'-446' which may contain quartz	:447.0	:449.6	: 12175	: 2.6	: nil
		+/- fine grained pyrite					
		- minor cavity/vein fillings of quartz/carbonate/epidote and	:454.0	:458.8	: 12176	: 4.8	: nil
		pyrite +/- magnetite, +/- zeolites in the homogeneous parts	:460.1	:463.4	: 12177	: 3.3	: nil
		of mafic v/c					
		- these cavities make up 5-8% of rock from 417'-537'	:463.6	:467.0	: 12178	: 3.4	: nil
		- quartz and quartz veins make up approx 5-10% of rock as 2-4cm	:467.0	:472.0	: 12179	: 5.0	: nil
		wide bands (10-45 degrees tca) usually with assoc					
		fine grained pyrite	:472.0	:477.0	: 12180	: 5.0	: nil
		- pyrite occurs usually with quartz/carbonate etc veins, but also	:485.0	:487.6	: 12181	: 2.6	: nil
		as fine grained veinlets and amygdule (?) fillings (2-3%) (eg.,	:487.6	:489.6	: 12182	: 2.0	: .004
		503'- 505')					
		:Porphyritic Mafic Dikes - see NB on page 5	:498.8	:501.6	: 12183	: 2.8	: .002
		- porphyritic horizons from 477'- 483', 509'- 517', consisting of	:501.6	:504.3	: 12184	: 2.7	: nil
		1-2cm sub-anhedral phenocrysts (pinkish-white rims with pale	:506.0	:509.3	: 12185	: 3.3	: nil
		green (chloritic cores) making up approx 15% of the rock in a	:513.0	:514.3	: 12186	: 1.3	: nil
		fine grained green-black ground mass					
:577.0'	:618.0'	Intermediate - Felsic Volcanics and Tuff +/- Breccia	:516.7	:520.9	: 12187	: 4.2	: nil
		- fine grained, medium grey-green with lighter streaky,	:520.9	:525.5	: 12188	: 4.6	: .003
		brecciated intermed-felsic fragments alternating with homogeneous	:525.7	:528.8	: 12189	: 3.1	: nil
		0.5 meter wide bands of intermed v/c					
		- moderate to well developed foliation 50-55 degrees tca	:530.6	:535.0	: 12190	: 4.4	: nil
		- 0.1 - 1.0cm scale layered horizon from 597'- 609' - made up of	:535.0	:538.8	: 12191	: 3.8	: nil
		alternating dark grey-green, light beige, green-chlorite-rich	:538.8	:542.2	: 12192	: 3.4	: nil
		streaky laminae					
		- rock contains approx 5% quartz, 3-5% calcite as thin veins and	:550.3	:551.7	: 12193	: 1.4	: nil
		infilling minor brecciated zones + approx 2% pyrite usually	:556.0	:560.9	: 12194	: 4.9	: nil
		associated with the quartz and calcite veins					
		- rock becomes a lighter grey-green from 611' with a minor	:561.9	:563.9	: 12195	: 2.0	: nil
		brecciated horizon from 611'- 612'	:569.8	:571.6	: 12196	: 1.8	: nil
			:573.6	:578.1	: 12197	: 4.5	: nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
618.0'	797.3'	Intermediate Volcanic With Brecciated Zones	578.1	583.0	12198	4.9	nil
		- medium grey-green, fine grained, +/- weak foliation, 70 degrees tca	583.0	585.8	12199	2.8	nil
		- homogeneous and massive from 618'-655' with minor (1-6cm wide) quartz +/- calcite veins (approx 5% of rock) with <1% fine grained pyrite	585.8	588.6	12200	2.8	nil
		- <1% fine grained clots of pyrrhotite and <1% fine grained pyrite found in v/c	590.4	594.4	12201	4.0	nil
		- intensely brecciated v/c and veined horizon from 635'-670'	601.0	604.3	12202	3.3	nil
		- approx 30% quartz and calcite as vein material and 1% assoc py in this zone	604.3	609.3	12203	5.0	nil
		- weak brecciation continues and abundant quartz/calcite veining persists to 787', carbonate makes up approx 15% of rock from 670' and approx 10% quartz	609.3	613.9	12204	4.6	nil
		- minor brecciated zone from 710'-730' with quartz/calcite veining and 1% fine grained pyrite	554.3	555.6	12205	1.3	nil
		- minor bt-chlorite streakiness (<3% of rock) in fractured zones assoc with quartz veins and randomly throughout rock	616.4	621.0	12206	4.6	nil
			621.4	625.7	12207	4.3	nil
			625.7	627.0	12208	1.3	nil
			628.4	630.5	12209	2.1	nil
			632.8	634.1	12210	1.3	nil
			636.0	637.3	12211	1.3	nil
			643.8	647.5	12212	3.7	tr
797.3'	834.0'	Intermediate Volcanic Fragmental	649.0	653.5	12213	4.5	nil
		- medium grey-green, fine grained matrix with 2-6cm sub-angular fragments of the same composition making up approx 6-7% of the rock	654.7	658.4	12214	3.7	nil
		- foliation 55-60 degrees tca	658.4	661.1	12215	2.7	nil
		- approx 10-15% quartz and calcite veins cutting at various orientations and filling fractures and spaces around fragments	661.1	665.0	12216	3.9	tr
		- very minor sulphides <1% euhedral pyrite and occasional <1% fine grained pyrrhotite	665.0	670.0	12217	5.0	tr
		- minor 1m wide bands of homogeneous and massive intermed v/c	670.0	673.0	12218	3.0	nil
			673.0	675.7	12219	2.7	nil
			678.0	682.1	12220	4.1	nil
			682.1	687.0	12221	4.9	tr
			687.0	692.0	12222	5.0	tr

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
:834.0'	:884.0'	:Intermediate to Felsic Volcanic	:692.0	:695.3	: 12223	: 3.3	: tr
:	:	: - fine grained, light to medium green, +/- chlorite/sericite	:699.7	:703.1	: 12224	: 3.4	: nil
:	:	: defining foliation 50 degrees tca	:711.1	:715.7	: 12225	: 4.6	: nil
:	:	: - lighter green and more homogeneous than previous unit	:715.7	:720.0	: 12226	: 4.3	: nil
:	:	: - approx 10-15% quartz and calcite veins with minor <1% fine grained pyrite	:720.4	:725.3	: 12227	: 4.9	: tr
:	:	: - calcite veins very randomly oriented	:725.3	:730.0	: 12228	: 4.7	: nil
:	:	: - 3-4cm wide, quartz veins generally 30-45 degrees tca but also randomly oriented	:731.4	:735.0	: 12229	: 3.6	: nil
:	:	:	:745.4	:747.0	: 12230	: 1.6	: .004
:884.0'	:997.0'	:Intermediate Volcanic	:750.3	:752.4	: 12231	: 2.1	: nil
:	:EOH	: - medium-dark green, fine to medium grained, weak foliation (50 - 55 degrees tca)	:753.8	:757.0	: 12232	: 4.2	: .004
:	:	: - pale green (sausseritized) <0.5mm feldspar phenocrysts make up 15-20% of rock in 2-10cm wide horizons	:765.2	:768.0	: 12233	: 2.8	: .005
:	:	: - 0.5 - 1mm biotite common throughout (approx 5% of rock) parallel to foliation	:770.4	:775.6	: 12234	: 5.2	: nil
:	:	: - very minor 0.5m bands of weakly layered light and medium grey-green tuffaceous(?) material	:779.5	:782.8	: 12235	: 3.3	: .010
:	:	: - minor intermed fragmental horizon from 961.0'- 965.0' consisting of 0.1cm green sub-angular fragments (make up 80% of rock)	:782.8	:787.3	: 12236	: 4.5	: .003
:	:	: of intermed composition in a groundmass of similar composition	:788.3	:792.0	: 12237	: 3.7	: .001
:	:	: - calcite veins at varying orientations (approx 5% of rock) and quartz veins at 30-45 deg tca (approx 5% of rock) occur usually with associated fine grained pyrite and pyrite veinlets (1% of rock)	:792.0	:794.3	: 12238	: 2.3	: .003
:	:	: - <1% pyrrhotite throughout rock and sometimes > pyrite near quartz and calcite veins	:795.2	:797.8	: 12239	: 2.6	: nil
:	:	: - minor brecciated zones from 917'- 920', 936'- 938' with associated quartz/calcite, <1% fine grained pyrite, +/- pyrrhotite	:802.0	:805.4	: 12240	: 3.4	: .004
:	:	: - quartz/calcite veining decreases towards EOH (only 2% of total rock by 970') and no sulphides visible at 997'	:811.2	:813.7	: 12241	: 2.5	: .007
:	:	:	:817.0	:820.7	: 12242	: 3.7	: .001
:	:	:	:820.7	:825.5	: 12243	: 4.8	: nil
:	:	:	:827.7	:830.1	: 12244	: 2.4	: nil
:	:	:	:831.0	:834.7	: 12245	: 3.7	: nil
:	:	:	:835.0	:837.5	: 12246	: 2.5	: nil
:	:	:	:849.0	:853.6	: 12247	: 4.6	: nil
:	:	:	:853.7	:858.2	: 12248	: 4.5	: nil
:	:	:	:858.2	:861.9	: 12249	: 3.7	: nil

John W. Walmsley

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
: 965.0'	: 969.0'	: Porphyritic to Glomeroporphyritic Mafic Dike	: 863.5	: 867.0	: 12250	: 3.5	: nil
:	:	: - fine grained, grey-green, groundmass with 0.2-2cm sausseritized	: 870.2	: 874.2	: 12251	: 4.0	: nil
:	:	: beige-green feldspar phenocrysts (anhedral to glomeroporphyritic)	: 878.3	: 882.0	: 12252	: 3.7	: .003
:	:	: make up approx 40% of the rock	: 882.0	: 887.0	: 12253	: 5.0	: .002
:	:	: - fairly abrupt contacts with surrounding rock suggest an intrusive	: 890.0	: 892.4	: 12254	: 2.4	: nil
:	:	: dike possibly related to those noted at 477'- 483' and	: 899.9	: 901.0	: 12255	: 1.1	: .002
:	:	: 509'- 517'. NB - these may be the porphyritic diabase dikes	: 904.6	: 906.6	: 12256	: 2.0	: .002
:	:	: locally called "greenspar porphyry"	: 908.4	: 909.3	: 12257	: 0.9	: nil
:	:		: 912.4	: 914.3	: 12258	: 1.9	: .002
:	:		: 915.3	: 919.7	: 12259	: 4.4	: .003
:	:		: 921.0	: 923.8	: 12260	: 2.8	: .004
:	:		: 924.6	: 927.0	: 12261	: 2.4	: .007
:	:		: 928.6	: 930.9	: 12262	: 2.3	: .002
:	:		: 932.8	: 935.5	: 12263	: 2.7	: .007
:	:		: 935.5	: 938.4	: 12264	: 2.9	: nil
:	:		: 940.5	: 943.8	: 12265	: 3.3	: nil
:	:		: 948.1	: 950.2	: 12266	: 2.1	: .003
:	:		: 958.1	: 961.3	: 12267	: 3.2	: .005
:	:		: 962.8	: 965.2	: 12268	: 2.4	: nil
:	:		: 978.8	: 982.1	: 12269	: 3.3	: .004
:	:		: 987.0	: 989.0	: 12270	: 2.0	: nil
:	:		:	: EOH	:	:	:

E. H. van Hees Geological Services Inc.

For: Mill City Gold

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-04

Project : Beardmore

Northing : 24+00 Length : 1007

Easting : -6+00

Elevation: Surface

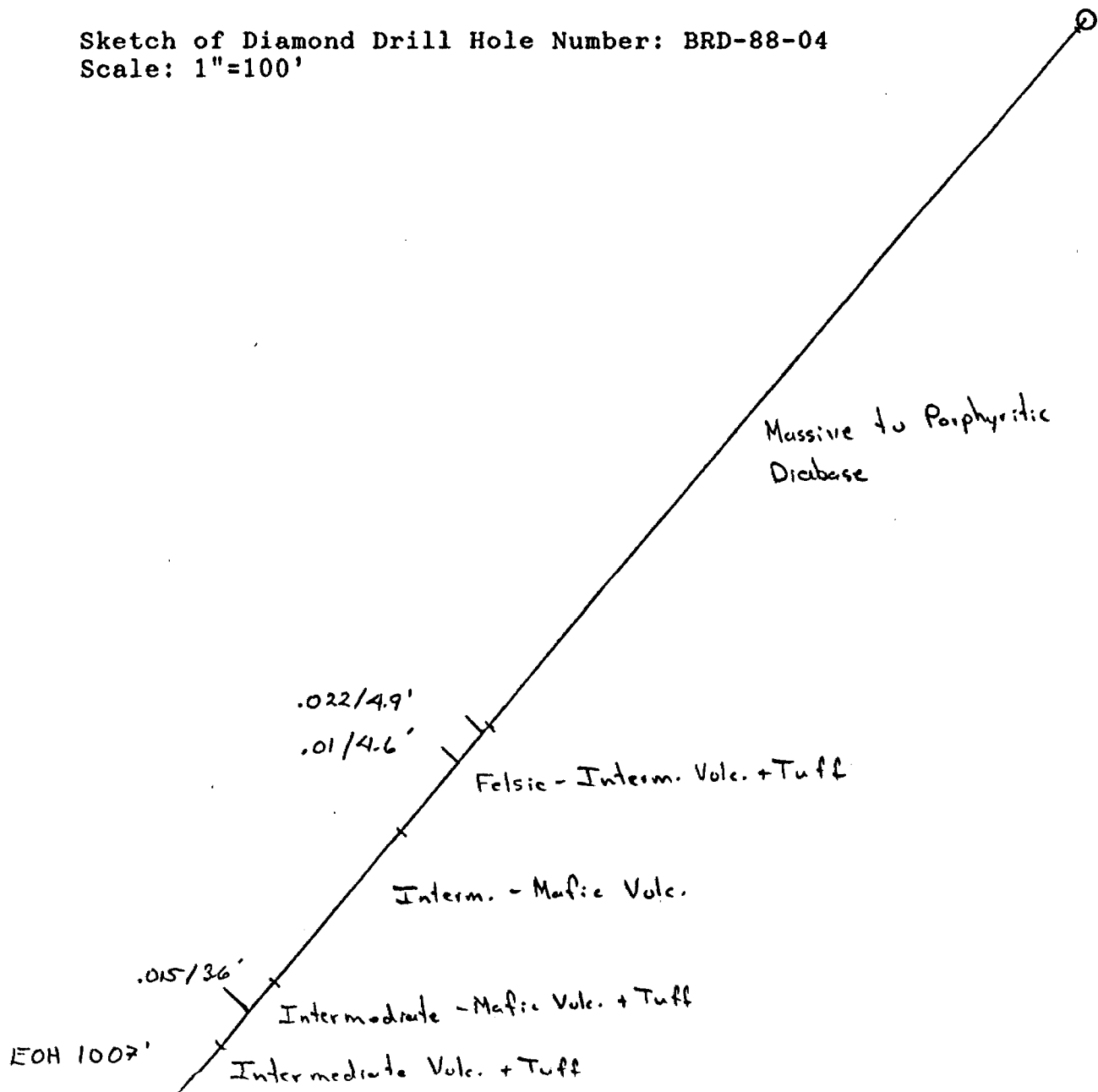
Location: Sandra Township
Beardmore, Ontario

	Tests		
	Depth	Azm.	Dip
N.T.S. :	300	180	-50
	600		-56
UTM:	900		-55
			-54

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-04
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-04
 Logged By: D. Paul
 Date: February 22/88

Page 1 of 4 *Jan W. Wainwright*

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0.0'	6.0'	Casing					
6.0'	561.1'	Diabase					
		- medium grained, dark green-grey, magnetic	153.4	155.0	12509	1.6	nil
		- homogeneous and massive, +/- <1% fine grained pyrite	226.5	228.8	12510	2.3	nil
		- rusty/yellow, fine grained alteration (limonite) along weathered fracture at 33'	397.0	398.0	12511	1.0	nil
		- a few 2-4cm wide bands of coarse (3-5mm) feldspar/chl/hblde with <1% pyrite, +/- every 10' section	402.0	403.1	12512	1.1	nil
		- 2-5cm wide veins (10 degrees tca) of <0.5cm equant white feldspar +/- zeolite in a pale green chloritic matrix, +/- 1% pyrite occur at 402', 410' and 497' (which contains minor brecciated wallrock with 1% quartz)	409.2	411.5	12513	2.3	nil
			548.5	550.6	12514	2.1	nil
			556.8	558.3	12515	1.5	nil
		- grades in and out of porphyritic diabase from 476'- 527'					
		- medium grained, dark grey/green with 0.5cm sausseritized feldspar (5%)					
		- very fine grained black-chilled margin from 559'- 561.1'					
		- contact zone from 561'- 563' is a black and light green streaky aphanitic mafic volcanic					
561.1'	648.0'	Felsic to Intermediate Volcanic Tuff	562.7	564.5	12516	1.8	nil
		- fine grained to aphanitic, kinked, streaky mm-scale layering (30 - 40 degrees tca)	564.5	569.1	12517	4.6	nil
		- tightly folded, kinked and convoluted light-medium green and pinkish-beige volcanic material	569.1	573.9	12518	4.8	nil
			573.9	578.5	12519	4.6	.011
		- fine grained white quartz/feldspar cavities with fine grained chlorite veins make up 5-8% of the rock - no visible sulphides	578.5	583.3	12520	4.8	.022
			583.3	588.2	12521	4.9	nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- fine grained pyrite bands and horizons of euhedral crystals	:749.7	:752.7	: 12551	: 3.0	: nil
		(parallel to foliation 40 degrees tca) make up 2% of rock from	:752.7	:755.5	: 12552	: 2.8	: nil
		755'- 776' with 2% quartz +/- calcite	:757.7	:760.0	: 12553	: 2.3	: nil
			:761.6	:765.4	: 12554	: 3.8	: nil
		- fine grained, dark grey-green with <1% pale green 0.5cm feldspar	:766.9	:771.4	: 12555	: 4.5	: nil
		phenocrysts at 780', foliation 45 degrees tca	:771.4	:776.2	: 12556	: 4.8	: nil
		- fairly homogeneous with streaky white (3-4cm wide) quartz/	:770.0	:779.8	: 12557	: 2.8	: .003
		feldspar/calcite/+/- zeolite/chlorite and 1% fine grained pyrite	:782.0	:784.9	: 12558	: 2.9	: nil
		from 789'- 794'					
		- become medium-fine from 794'- 813'	:785.3	:787.6	: 12559	: 2.3	: nil
			:789.3	:791.8	: 12560	: 2.5	: .015
:816.0'	:865.2'	Intermediate Tuff	:791.8	:794.6	: 12561	: 2.8	: nil
		- fine grained, streaky interlayering (50 - 55 degrees tca) of	:808.6	:809.8	: 12562	: 1.2	: nil
		medium grey-green beige and dark green (amphibole-rich) horizons	:803.8	:805.4	: 12563	: 1.6	: nil
		- difficult to tell if primary layering - from 848'- 850' very	:811.0	:814.6	: 12564	: 3.6	: .005
		fine streakiness almost like flow banding	:815.5	:818.1	: 12565	: 2.6	: nil
		- 2-3cm wide quartz/calcite veins and pyrite at 80 degrees tca	:818.1	:823.0	: 12566	: 4.9	: nil
		(822') and irregularly oriented calcite/quartz veins and pyrite	:823.0	:827.6	: 12567	: 4.6	: nil
		from 829 - 832'					
		- in general 1-2% pyrite and 5-8% quartz	:827.6	:832.0	: 12568	: 4.4	: nil
		- pyrite rich (3%) horizons at 820', 848'- 865.8' with 0.2-1cm wide	:832.0	:837.0	: 12569	: 5.0	: nil
		calcite/quartz veins (8-10% of rock) approx parallel to foliation:	:840.2	:842.7	: 12570	: 2.5	: nil
			:844.1	:847.0	: 12571	: 2.9	: nil
:865.8'	:1007.0'	Intermediate Volcanic	:848.0	:851.8	: 12572	: 3.8	: nil
	:EOH	- fine grained, medium green, fairly homogeneous with weak	:851.8	:856.8	: 12573	: 5.0	: nil
		foliation 45-50 degrees tca, with <1% pyrite/pyrrhotite	:856.3	:861.8	: 12574	: 5.5	: nil
		throughout rock					
		- minor brecciation 865'- 878' with 3% quartz and 1% fine grained	:861.8	:866.2	: 12575	: 4.4	: nil
		pyrite					
		- irregular oriented calcite veins throughout (approx 5% of rock)	:869.3	:871.1	: 12576	: 1.8	: .008

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
			:871.1	:875.3	: 12577	: 4.2	: .004
		- from 896'- 908' becomes dark green-grey (bt/chl-rich) foliated	:875.3	:877.0	: 12578	: 1.7	: nil
		with 3-5% quartz/calcite veining, 1% pyrite parallel to	:887.0	:889.7	: 12579	: 2.7	: nil
		and weakly and finely layered grey-green with fine grained pyrite	:894.3	:899.1	: 12580	: 4.8	: nil
		foliation (35-40 degrees tca) from 908'-924' -	:900.9	:903.9	: 12581	: 3.0	: nil
		possibly a v/c sediment horizon	:903.9	:908.6	: 12582	: 4.7	: nil
		- becomes a homogeneous intermed v/c from 924' and slightly coarser	:908.6	:913.0	: 12583	: 4.4	: nil
		grained (medium-fine) from 953' with 1% fine grained pyrite	:917.0	:920.5	: 12584	: 3.5	: nil
		- quartz/calcite veins make up approx 2% of rock	:920.5	:924.6	: 12585	: 4.1	: nil
		- 2% calcite veining and no quartz with <<1% pyrite by EOH	:938.8	:940.6	: 12586	: 1.8	: nil
		(1004' - 1007')	:943.0	:946.4	: 12587	: 3.4	: nil
			:949.7	:953.5	: 12588	: 3.8	: nil
			:959.2	:964.2	: 12589	: 5.0	: nil
			:965.5	:970.5	: 12590	: 5.0	: nil
			:970.6	:973.9	: 12591	: 3.3	: nil
			:991.3	:993.7	: 12592	: 2.4	: nil
			:995.5	:998.1	: 12593	: 2.6	: nil
				:EOH			

E. H. van Hees Geological Services Inc.

For: Mill City Gold

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-05

Project : Beardmore

Northing : 28+00

Length: 1187

Easting : 58+00 W

Elevation: Surface

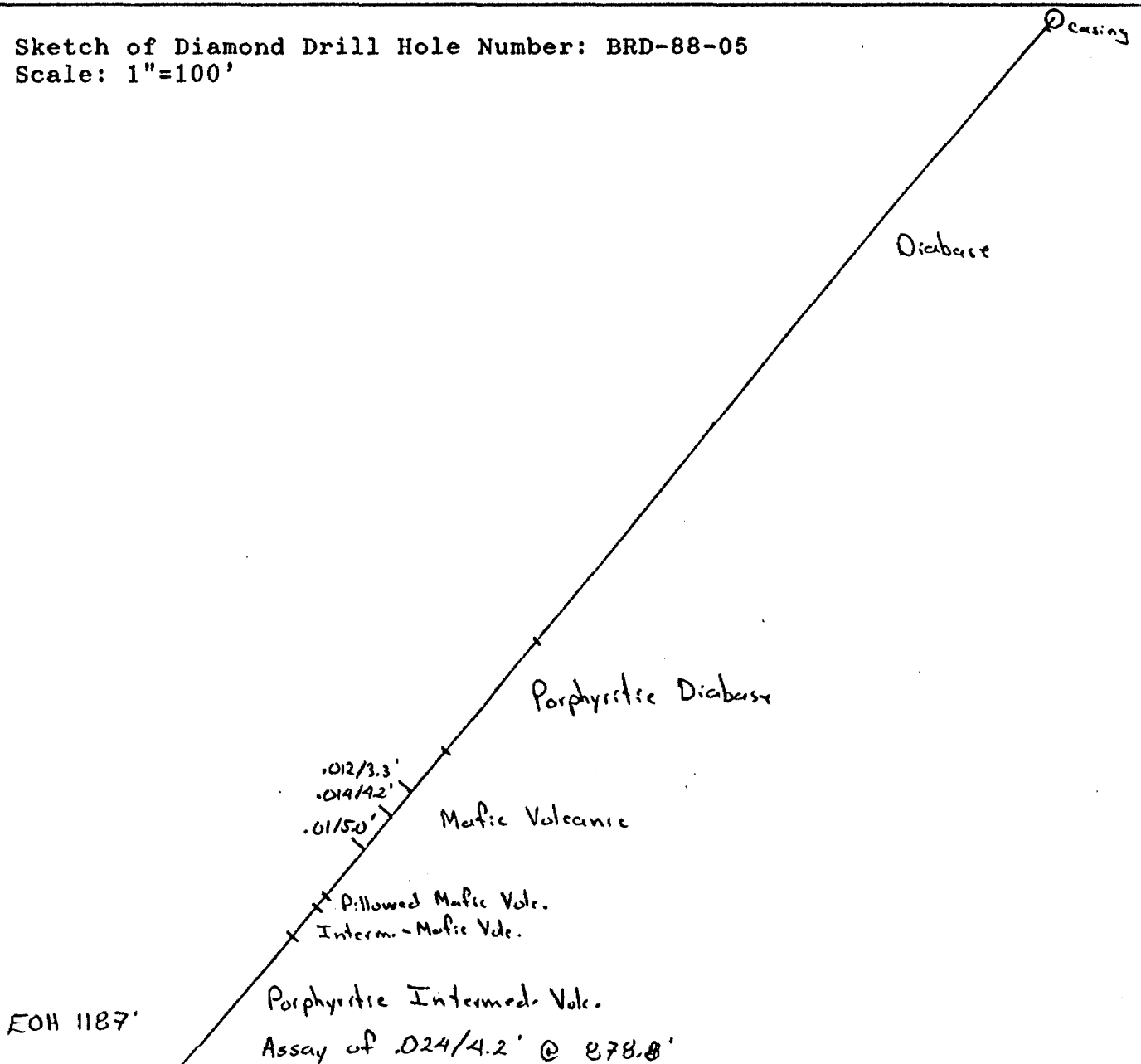
Location: Sandra Township
Beardmore, Ontario

	Tests		
	Depth	Azm.	Dip
N.T.S. :	Collar	190	-50
	300		-51
	600		-52
UTM:	957		-52

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-05
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-05
 Logged By: D. Paul
 Date: February 16, 1988

Page 1 of 6 *John W. Wainwright*

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0.0'	6.0'	Casing					
6.0'	502.0'	Diabase					
		- medium-grained, dark greenish-grey, strongly magnetic,	32.4	36.9	12376	4.5	nil
		- massive and fairly homogeneous with minor variations in grain	37.0	40.5	12377	3.5	nil
		size	45.0	47.0	12378	2.0	nil
		- characteristic ophitic texture, <1% olivine present	80.1	81.6	12379	1.5	nil
		- grain size increases at 26.0'-46.5', 95.5'-105.8' with grey to	102.5	105.9	12380	3.4	nil
		brown/grey feldspar and pyroxenes up to 0.5cm and 1-2% fine	119.1	120.7	12381	1.6	nil
		grained pyrite					
		- two 10-25cm bands of slightly more felsic material (approx 20%	129.4	131.2	12382	1.8	nil
		feldspar) within the coarser diabase	333.2	336.2	12383	3.0	nil
			339.2	342.9	12384	3.7	nil
		- becomes very homogeneous, massive and consistently medium	347.0	348.9	12385	1.9	nil
		grained from 132' with up to 5% olivine	408.9	411.1	12386	2.2	nil
		- 2-3cm wide pale green/white veins cut the diabase (0-10 degrees	412.3	413.8	12387	1.5	nil
		tca) from 333'-348' and 409'-413' - consists of equant					
		1-2mm feldspar grains in a fine green matrix, also 0.5-1cm long					
		white prismatic crystals - natrolite and a very soft pale					
		green anhedral (H<2) mineral					
		- at 413', a vein with hblde/magnetite border and feldspar, white					
		mica interior cuts the diabase approx 45 degrees tca					
502.0'	590.0'	Porphyritic Diabase - probably part of above diabase	508.6	509.9	12388	1.3	nil
		- medium grained, dark green-grey with sausseritized (0.5 - 1cm)	511.5	512.5	12389	1.0	nil
		feldspar phenocrysts (almost irridescent) making up 10-15% of	514.5	515.3	12390	0.8	nil
		rock					
		- massive and fairly homogeneous with variations in phenocryst	534.8	536.4	12391	1.6	nil
		development	539.0	539.9	12392	0.9	nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- minor 0.5 - 1cm wide quartz veins (30 degrees tca) make up approx 1% of rock and rare hblde/chlorite/feldspar, +/- zeolite zoned veins with 1% fine grained pyrite clots	:591.5	:594.5	: 12393	: 3.0	: nil
			:594.5	:597.7	: 12394	: 3.2	: nil
		- very fine grained black-chilled margin from 587' to 590'	:597.7	:602.6	: 12395	: 4.9	: nil
		- sharp contact with underlying mafic v/c	:602.6	:607.5	: 12396	: 4.9	: tr
			:607.5	:612.0	: 12397	: 4.5	: .007
:590.0'	:704.0'	Mafic Volcanic	:612.0	:617.0	: 12398	: 5.0	: tr
		- fine grained, streaky light green and dark green/black	:617.7	:622.0	: 12399	: 4.3	: tr
		- magnetic up to 628.5', weak streaky/foliation 50-60 degrees tca	:623.2	:626.5	: 12400	: 3.3	: .012
		- streakiness defined by lighter green (30-40% of rock)	:628.6	:631.3	: 12401	: 2.7	: tr
		"marbled" around 1-2cm black v/c material - possibly primary flow banding or a horizon of flow top breccia	:631.3	:635.7	: 12402	: 4.4	: tr
			:635.7	:639.1	: 12403	: 3.4	: tr
		- minor (<1%) pods of quartz with (approx 1%) fine grained clots of pyrite, <<1% carbonate, sulphides decrease to absent from 617'-622'	:639.1	:642.8	: 12404	: 3.7	: tr
			:642.8	:647.0	: 12405	: 4.2	: .014
		- rare vessicles present, +/- green amphibole/pyrox fillings	:647.0	:650.6	: 12406	: 3.6	: tr
			:650.6	:654.7	: 12407	: 4.1	: tr
		- from 622'-672' ' becomes a fairly homogeneous, dark grey-green mafic v/c	:654.7	:659.7	: 12408	: 5.0	: tr
			:659.7	:664.4	: 12409	: 4.7	: tr
		- non-magnetic with weak foliation 50 degrees tca	:664.4	:669.3	: 12410	: 3.9	: tr
		- minor 1-5cm quartz veins (5% of rock) +/- calcite/chlorite cut 30 - 45 degrees tca	:669.0	:674.0	: 12411	: 5.0	: .010
		- quartz/calcite (+/- reddish staining)/chlorite/amphibole filled (1 - 3cm) cavities (amygdules?) found throughout rock (1 every 1'-1.5') +/- fine grained pyrite clots (1%)	:674.0	:675.8	: 12412	: 1.8	: nil
			:675.8	:683.6	: 12413	: 7.8	: nil
		- pyrite also occurs in the v/c as fine grained discontinuous veinlets/lenses	:683.6	:688.3	: 12414	: 4.7	: nil
			:688.3	:693.2	: 12415	: 4.9	: .008
		- from 672' to approx 704', streaky dark grey/green and medium grey/green mafic to intermediate v/c - possibly a horizon of flow breccia (foliation 55 - 60 degrees tca)	:693.2	:698.0	: 12416	: 4.8	: nil
			:698.0	:702.7	: 12417	: 4.7	: nil
		- weakly brecciated zone from 686'- 704' with approx 15% quartz, 3-5% calcite, 3-5% pyrite, and magnetic from 689.5'- 704.0'	:702.7	:704.9	: 12418	: 2.2	: nil
			:707.4	:711.4	: 12419	: 4.0	: nil
			:712.3	:716.8	: 12420	: 4.5	: nil

John R. Dineley

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
: 704.0'	: 712.0'	: Mafic Volcanic - pillow basalt	: 716.8	: 721.4	: 12421	: 4.6	: nil
:	:	: - fine grained, dark green-black, 5-10cm elliptical shapes	: 721.4	: 726.9	: 12422	: 5.5	: nil
:	:	: surrounded by light-green, aphanitic (2-4cm wide) epidote/quartz	: 726.9	: 731.0	: 12423	: 4.1	: nil
:	:	: rich selvages	:	:	:	:	:
:	:	: - <1% fine grained pyrite in selvages	: 731.0	: 735.8	: 12424	: 4.8	: .008
:	:	: - streaky mafic to intermediate horizon from 708 - 711'	: 735.8	: 739.5	: 12425	: 3.7	: nil
:	:	:	: 740.4	: 745.5	: 12426	: 5.1	: nil
:	:	:	:	:	:	:	:
: 712.0'	: 738.0'	: Intermediate to Mafic Volcanic	: 745.5	: 750.1	: 12427	: 4.6	: nil
:	:	: - fine grained, dark/medium grey-green to light green "streaky"	: 754.8	: 758.8	: 12428	: 4.0	: nil
:	:	: 1-5mm scale layering (parallel to foliation approx 50 deg tca)	: 758.8	: 764.1	: 12429	: 5.3	: nil
:	:	: minor kinking of layers at 727'	:	:	:	:	:
:	:	: - quartz/zeolite filled cavities and veins (1-2cm wide) make up	: 764.1	: 768.8	: 12430	: 4.7	: nil
:	:	: 8-10% of the rock with 1-3% fine grained and euhedral pyrite	: 769.0	: 773.9	: 12431	: 4.9	: nil
:	:	:	: 773.9	: 778.2	: 12432	: 4.3	: nil
:	:	:	:	:	:	:	:
: 738.0'	: 855.0'	: Porphyritic Intermediate Volcanic	: 778.2	: 782.8	: 12433	: 4.6	: nil
:	:	: - fine grained, dark green-grey, homogeneous and massive mafic	: 782.8	: 787.5	: 12434	: 4.7	: nil
:	:	: rock with 5-8% (1-5mm) pinkish white feldspar phenocrysts	: 787.5	: 792.5	: 12435	: 5.0	: nil
:	:	: - very minor sulphides <1% as fine grained veinlets and pods of py	: 792.5	: 797.0	: 12436	: 4.5	: nil
:	:	: - 1-2% (1-2cm wide) quartz/calcite veins +/- fine grained pyrite	: 797.0	: 801.7	: 12437	: 4.7	: tr
:	:	:	: 803.5	: 805.6	: 12438	: 2.1	: tr
:	:	: - from 752' becomes fine to medium grained, foliated (50 - 55	: 809.1	: 814.0	: 12439	: 4.9	: tr
:	:	: degrees tca), grey-green/black, streaky/ mottled	: 814.0	: 818.0	: 12440	: 4.0	: nil
:	:	: - numerous chloritic fractures cut the rock at varying angles from	: 835.0	: 840.0	: 12441	: 5.0	: nil
:	:	: 756'- 767' with very minor quartz/calcite veins (1% of rock)	: 840.0	: 844.8	: 12442	: 4.8	: nil
:	:	: +/- fine grained sulphides	:	:	:	:	:
:	:	: - this may be a minor fault zone	: 844.8	: 849.2	: 12443	: 4.4	: nil
:	:	:	: 849.2	: 854.7	: 12444	: 5.5	: nil
:	:	: - from 769'- 777', 10-12cm wide quartz/calcite veins make up 25-50%	: 864.4	: 868.6	: 12445	: 4.2	: tr
:	:	: of the rock with <1% very fine grained sulphides	: 878.8	: 883.0	: 12446	: 4.2	: .024
:	:	: - calcite veining (15% of rock) continues to 850' with +/- 5%	: 890.3	: 894.4	: 12447	: 4.1	: nil
:	:	: quartz veining	:	:	:	:	:
:	:	: - well foliated to "sheared" (40-45 degrees tca) horizons with	: 894.4	: 897.2	: 12448	: 2.8	: nil
:	:	: calcite veins and +/- 1% pyrite occur at 792'- 807', 816'- 818',	:	:	:	:	:
:	:	: 828'- 829', 837'- 838'	:	:	:	:	:

Ann E. Johnson

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
			:897.2	:902.0	: 12449	: 4.8	: tr
		- these horizons are dark green/black (bt/chlorite-rich) with	:907.0	:911.3	: 12450	: 4.3	: nil
		1-2mm streaky beige feldspar (?) grains	:911.3	:916.0	: 12451	: 4.7	: nil
			:916.0	:920.8	: 12452	: 4.8	: nil
:855.0'	:895.0'	Intermediate Tuff	:920.8	:925.6	: 12453	: 4.8	: nil
		- fine grained, mm scale layering of medium grey-green and dark	:925.6	:930.3	: 12454	: 4.7	: tr
		grey/green bands with 10-15% calcite, 5-10% quartz veining, +/-	:930.3	:935.2	: 12455	: 4.9	: nil
		pyrite					
		- +/- foliated 0.5 meter widths of porphyritic intermediate v/c	:935.2	:939.9	: 12456	: 4.7	: tr
		make up approx 10% of this unit					
:895.0'	:941.9'	Intermediate Volcanic +/- Foliated Tuff	:939.9	:941.9	: 12457	: 2.0	: nil
		- fine grained, medium grey-green, +/- 2% (0.5mm) feldspar pheno-	:941.9	:944.8	: 12458	: 2.9	: nil
		crysts					
		- homogeneous, foliated 40-45 degrees tca	:944.8	:949.3	: 12459	: 4.5	: nil
		- approx 8-10% calcite/quartz veins at variable orientations, <1%	:949.3	:954.1	: 12460	: 4.8	: nil
		fine grained pyrite	:954.1	:958.9	: 12461	: 4.8	: nil
		- from 907'- 941.9' the rock becomes progressively more foliated	:958.9	:963.8	: 12462	: 4.9	: nil
		(sheared) 40 degrees tca and kinked within 1' of 941.9'	:963.8	:968.3	: 12463	: 4.5	: nil
		- goes from medium grey-green to streaky light yellowy-grey/green	:968.3	:973.3	: 12464	: 5.0	: nil
		(chlorite-sausseritic and weakly schistose)	:973.3	:977.9	: 12465	: 4.6	: nil
		- this may be sheared v/c or a tuffaceous horizon	:977.9	:982.8	: 12466	: 4.9	: nil
		- approx 25-30% of rock is veined with 0.3 to 1cm wide irregular	:982.8	:987.7	: 12467	: 4.9	: nil
		quartz veins with minor calcite (5%) + 1-2% fine grained pyrite	:987.7	:992.5	: 12468	: 4.8	: nil
			:992.5	:997.0	: 12469	: 4.5	: nil
:941.9'	:944.0'	Faulted contact between Volcanics and Sediments	:997.0	:1001.9	: 12470	: 4.9	: nil
		- black, brecciated rock with 50% quartz/calcite and 3% fine	:1001.9	:1006.6	: 12471	: 4.7	: nil
		grained pyrite					
		- graphitic along foliation surfaces near sediment horizon	:1006.6	:1011.4	: 12472	: 4.8	: nil
			:1011.4	:1015.8	: 12473	: 4.4	: nil
			:1015.8	:1020.8	: 12474	: 5.0	: nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
:	:	- grades into a weakly laminated/streaky foliated (50 - 60 degrees	:1151.2:	1154.9:	12503	: 3.7	: nil
:	:	tca) intermed (to felsic) tuff from 1108' - EOH	:1157.0:	1160.8:	12504	: 3.8	: nil
:	:	- approximately 10% calcite veining (with minor Fe-staining) and	:1160.8:	1164.9:	12505	: 4.1	: nil
:	:	a decrease in sulphide to <1% and no quartz veining by 1187.0'	:1174.6:	1179.6:	12506	: 5.0	: nil
:	:		:1179.6:	1184.1:	12507	: 4.5	: nil
:	:		:1184.1:	1186.4:	12508	: 2.3	: nil
:	:		:	EOH	:	:	:

E. H. van Hees Geological Services Inc.

For: Mill City Gold

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-06

Project : Beardmore

Northing : 4+00 S

Length: 1007

Easting : 30+00 W

Elevation: Surface

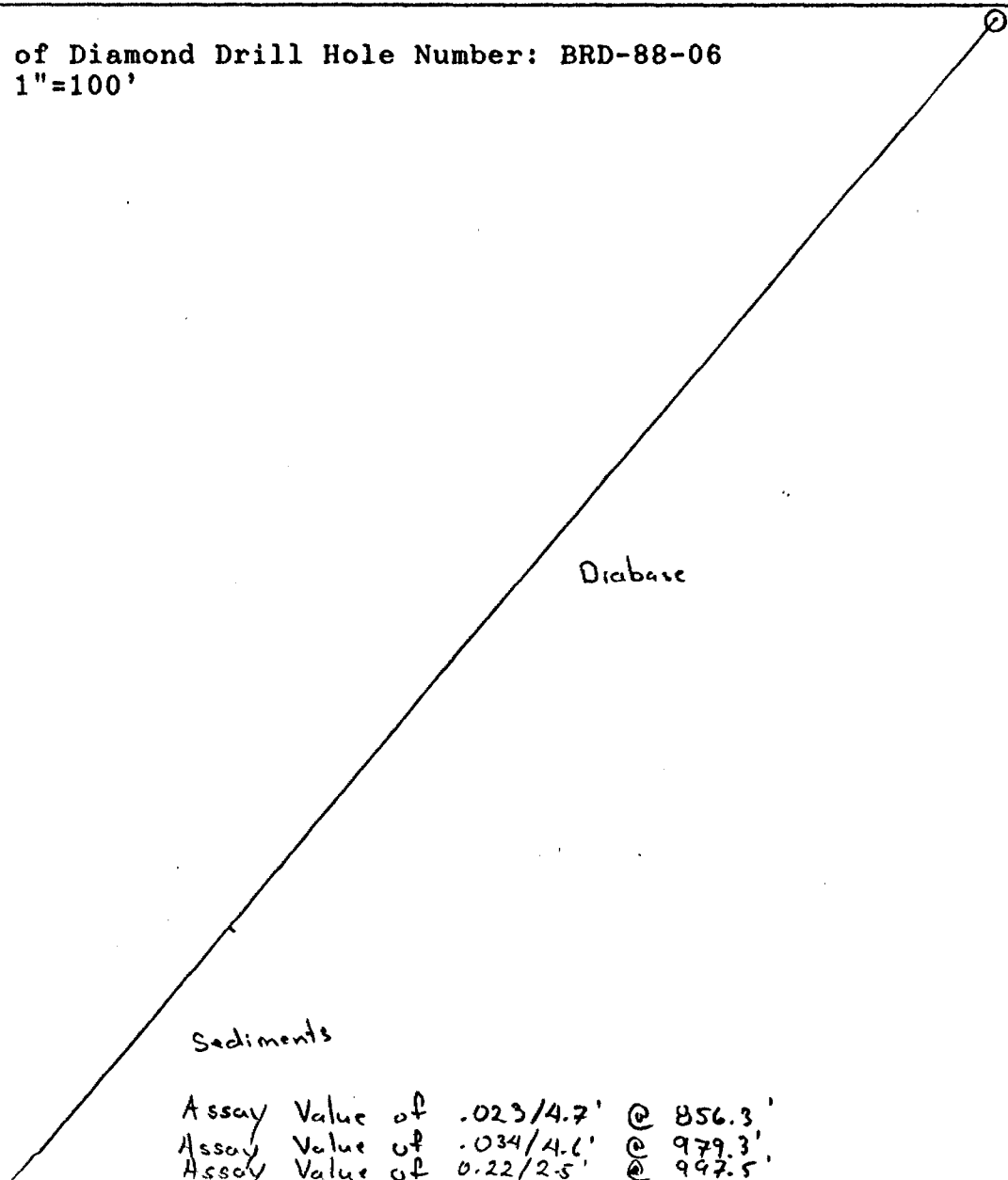
Location: Sandra Township
Beardmore, Ontario

	Tests		
	Depth	Azm.	Dip
N.T.S. :	Collar	180	-50
	300		-54
	600		-56
UTM:	1000		-55

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-06
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-06
 Logged By: D. Paul
 Date: March 1/88

Page 1 of 4 *John W. Lundy*

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0	3.0'	Casing					
3.0	649.0	Diabase	167.0	168.1	12638	1.1	nil
		- medium-grained, dark green-grey, magnetic	362.7	363.4	12639	0.7	nil
		- homogeneous and massive, ophitic texture	509.7	511.0	12640	1.3	nil
		- rusty-brown weathered fractures from 3 - 16'	531.4	532.3	12641	0.9	nil
		- minor chlorite/zeolite veins (+/- <1% pyrite) occur from 136'	551.3	552.7	12642	1.4	nil
		+/- every 20-30'	553.8	557.2	12643	3.4	nil
		- minor veins of chlorite and prehnite?? (0 - 30 degrees tca) from	563.8	565.2	12644	1.4	nil
		170 - 180' and 288 - 323'					
		- from 532 - 649' diabase becomes more fractured and veined	584.0	585.1	12645	1.1	nil
		with 1-2mm wide quartz feldspar 35 - 45 degrees tca (<1%) and 2%	600.5	601.8	12646	1.3	nil
		chlorite (prehnite) (0 - 45 degrees tca) +/- one every 10 feet	605.3	607.0	12647	1.7	nil
		- +/- 1-2% fine grained pyrite/pyrrhotite associated with veins	613.2	615.8	12648	2.6	nil
		- fine grained chilled margin from 640 - 649' with fine grained	618.3	620.8	12649	2.5	nil
		pyrite veins and clots (1-2%), <1% chlorite veins	628.5	630.0	12650	1.5	nil
			639.0	640.5	12651	1.5	nil
			641.5	644.3	12652	2.8	nil
			645.0	649.0	12653	4.0	nil
649.0	1007.0	Metasediments - Fine Grained Greywacke, Siltstone and Argillite	649.0	653.5	12654	4.5	nil
	EOH	- fine grained, light to dark grey, mm - cm scale layering 55	653.5	657.0	12655	4.5	nil
		degrees tca (weak foliation parallel to layering)	657.0	661.7	12656	4.7	nil
		- contact zone with overlying diabase from 649' - 665' consists	661.7	665.6	12657	3.9	nil
		of brecciated and veined sediments-approx 3-5% quartz veining	665.6	670.2	12658	4.6	nil
		<1% carbonate, 1-2% pyrite/pyrrhotite as fine grained clots	670.2	673.9	12659	3.7	nil
		and veins	673.9	678.7	12660	4.8	nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
:	:	- fault zone from 957'- 967', very broken up rock with minor quartz and pyrite	:822.2	:827.0	: 12693	: 4.8	: nil
:	:		:827.0	:832.0	: 12694	: 5.0	: nil
:	:	- strongly foliated (sheared) 45 degrees tca 5 feet on either side of fault	:832.0	:837.0	: 12695	: 5.0	: nil
:	:		:837.0	:841.8	: 12696	: 4.8	: nil
:	:		:841.8	:846.5	: 12697	: 4.7	: nil
:	:	- from 997' to 1007' EOH - fine grained greywacke interlayered with argillite contains <1% fine quartz veins approx parallel to foliation and <<1% fine grained pyrite	:846.5	:851.3	: 12698	: 4.8	: nil
:	:		:851.3	:856.3	: 12699	: 5.0	: nil
:	:		:856.3	:861.0	: 12700	: 4.7	: .023
:	:		:861.0	:865.8	: 12701	: 4.8	: nil
:	:		:865.8	:870.5	: 12702	: 4.7	: nil
:	:		:870.5	:875.0	: 12703	: 4.5	: nil
:	:		:875.0	:879.6	: 12704	: 4.6	: nil
:	:		:879.6	:884.5	: 12705	: 4.9	: nil
:	:		:884.5	:889.5	: 12706	: 5.0	: .006
:	:		:889.5	:894.0	: 12707	: 4.5	: nil
:	:		:894.0	:898.3	: 12708	: 4.3	: nil
:	:		:898.3	:906.2	: 12709	: 7.9	: nil
:	:		:906.2	:910.2	: 12710	: 4.0	: nil
:	:		:910.2	:917.0	: 12711	: 6.8	: nil
:	:		:917.0	:921.8	: 12712	: 4.8	: nil
:	:		:921.8	:926.5	: 12713	: 4.7	: nil
:	:		:926.5	:931.3	: 12714	: 4.8	: nil
:	:		:931.3	:936.2	: 12715	: 4.9	: nil
:	:		:936.2	:940.5	: 12716	: 4.3	: nil
:	:		:940.5	:942.3	: 12717	: 1.8	: nil
:	:		:942.3	:945.0	: 12718	: 2.7	: nil
:	:		:947.0	:949.7	: 12719	: 2.7	: nil
:	:		:949.7	:951.4	: 12720	: 1.7	: nil
:	:		:951.4	:953.9	: 12721	: 2.5	: nil
:	:		:953.9	:957.0	: 12722	: 3.1	: nil
:	:		:957.0	:960.2	: 12723	: 3.2	: nil
:	:		:960.2	:962.2	: 12724	: 2.0	: nil
:	:		:962.2	:965.6	: 12725	: 3.4	: nil
:	:		:965.6	:968.5	: 12726	: 2.9	: nil

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
			968.5	973.0	12727	4.5	nil
			973.0	977.0	12728	4.0	nil
			977.0	979.3	12729	2.3	nil
			979.3	983.9	12730	4.6	.034
			988.4	993.0	12731	4.6	nil
			996.0	997.5	12732	1.5	nil
			997.5	1000.0	12733	2.5	.022
			1002.0	1003.9	12734	1.9	nil
				EOH			

E. H. van Hees Geological Services Inc.

For: Mill City Gold

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: BRD-88-07

Project : Beardmore

Northing : 15+50

Length: 787

Easting : 14+00 W

Elevation: Surface

Location: Sandra Township
Beardmore, Ontario

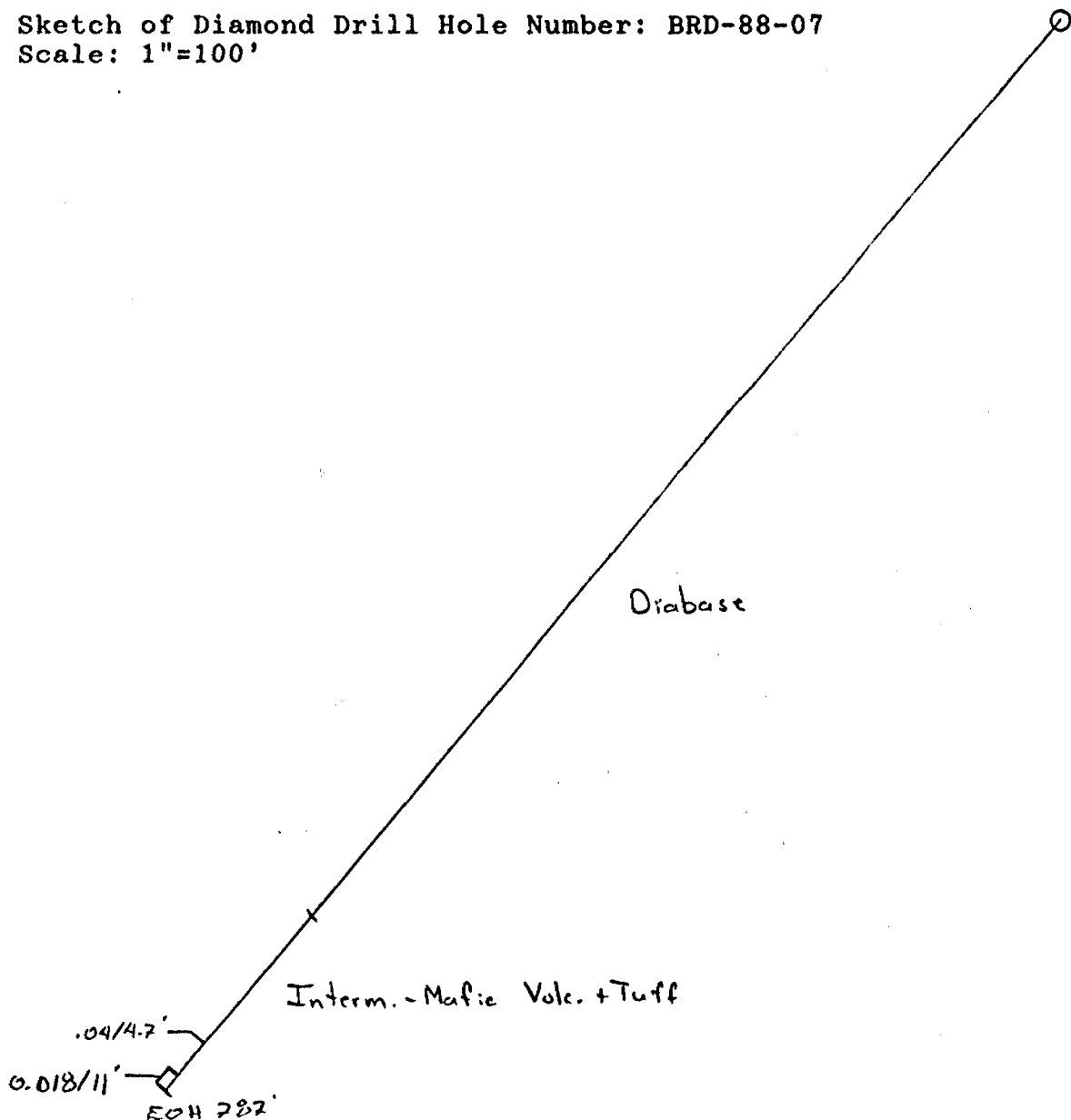
	Tests		
	Depth	Azm.	Dip
N.T.S. :	Collar	180	-50
	300		-52
	687		-49

UTM:

Logged By: D. Paul

Comments:

Sketch of Diamond Drill Hole Number: BRD-88-07
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Beardmore, Ontario

Hole No.: BRD-88-07

Logged By: D. Paul

Date: February 25, 1988

Page 1 of 3

John W. Walmsley

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0.0'	14.0'	Casing					
14.0'	660.0'	Diabase					
		- medium grained, dark green-grey, magnetic	34.3	38.4	12594	4.1	nil
		- homogeneous (with minor variations in grain size) and massive	76.2	77.0	12595	0.8	.005
		- becomes medium-coarse (4-5mm plagioclase) and slightly more felsic	459.6	460.7	12596	1.1	nil
		from 34'- 38' with approx 1% pyrite	517.0	518.6	12597	1.6	nil
		- rusty/brown weathered fractures from 22'- 28'	525.3	526.3	12598	1.0	nil
		- 2-4cm wide coarse zeolite/chlorite +/- feldspar veins, +/- <1%	537.0	539.2	12599	2.2	nil
		pyrite cut the rock 40 degrees tca from 76' throughout (approx	542.8	544.4	12600	1.6	.011
		2% of rock)					
		- similar veins with minor calcite +/- hblde common from 518' (eg	503.0	504.2	12601	1.2	.012
		537'- 539')					
		- chlorite fractures (0-45 degrees tca) noticeable from 330',	582.2	583.3	12602	1.1	nil
		becoming more common beyond 460' (1 every 2 feet)	585.7	589.0	12603	3.3	nil
		- sphene crystals visible on fracture surface parallel tca (eg	604.4	605.3	12604	0.9	nil
		139'- 140')	626.1	627.2	12605	1.1	0.035
		- becomes weakly porphyritic (grading in and out of above diabase)	630.5	634.4	12606	3.9	nil
		from 503' and more broken up by chlorite fractures	646.9	649.2	12607	2.3	.004
			651.2	652.2	12608	1.0	nil
			608.4	609.1	12619	0.7	nil
							nil
		- faulted zone from 626'- approx 655' - brecciated diabase (+/-	661.7	666.7	12609	5.0	nil
		porphyritic) surrounded by chlorite +/- quartz (<1%) pyrite	666.7	671.2	12610	4.5	nil
		(<1%) from 645'- 656'					nil
		- chlorite fractures throughout the zone +/- pyrite veinlets (<1%)	671.2	676.2	12611	5.0	.003
			676.2	680.4	12612	4.2	nil

John W. Smiley

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- sharp contact with underlying rock at 660'	680.4	685.2	12613	4.8	nil
			685.2	689.6	12614	4.4	nil
660.0'	787.0'	Intermediate to Mafic Volcanic +/- Tuffaceous Horizons	689.6	694.6	12615	5.0	.004
	EOH	- very fine grained, light green-grey from 660.0'- 669.0',	695.5	700.1	12616	4.6	nil
		- strongly foliated (sheared) 45 degrees tca, fine grained pyrite veins and pods parallel to foliation (2%)	700.1	702.7	12617	2.6	nil
		- light and dark grey-green streaky-blotchiness	702.7	705.3	12618	2.6	nil
		- possibly the weathered/altered surface to the underlying rock, or a very thin intermed-felsic v/c horizon	705.3	710.0	12620	4.7	nil
			710.0	715.8	12621	5.8	nil
			715.8	720.5	12622	4.7	nil
		- from 660'- 700' becomes a very fine grained black with light green mottling/alteration along fractures and throughout rock	720.5	724.9	12623	4.4	nil
		sometimes assoc with 1-3cm wide bands of fine grained feldspar/ quartz/chlorite +/- calcite and 1% pyrite	724.9	729.5	12624	4.6	nil
			729.5	734.0	12625	4.5	nil
		- pyrite also occurs as fine grained veins parallel to foliation (45 - 50 degrees tca)	734.0	738.8	12626	4.8	nil
			738.8	743.0	12627	4.2	nil
		- weak 2-4mm bands of very fine grained light and darker material may be primary flow texture	743.0	747.8	12628	4.8	nil
			747.8	752.3	12629	4.5	nil
			752.3	757.0	12630	4.7	.040
		- horizon from 700'- 751' becomes more heterogeneous and streaky - with approx 40% of the rock as light green "rock floor" +/- quartz/feldspar +/- pyrite (1-2%) "marbled" through fine grained black material with white/light green streaky 1-3mm lenses (fragments or phenocrysts)	757.0	761.9	12631	4.9	nil
			761.9	766.5	12632	4.6	nil
			766.5	771.3	12633	4.8	nil
			771.3	776.0	12634	4.7	nil
		- approx 3-5% quartz as pods and veins and 1-2% pyrite as fine grained clots and veins	776.0	780.7	12635	4.7	.015
			780.7	785.5	12636	4.8	.022
		- from 751'- 787' becomes fine grained green-black with slightly lighter grey-green defining <mm scale bands	785.5	787.0	12637	1.5	.016
				EOH			
		- fine grained pyrite-rich bands (2%) and siliceous and quartz bands (3%) of rock parallel to foliation/layering 45-50 degrees tca					

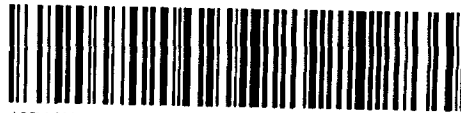
FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
		- feldspar/quartz/chlorite/zeolite/+/- epidote and pyrite veins and pods (5-8% of rock) similar to those from 660'- 700'					
		- within this banded horizon, quartz/feldspar/amphibole/zeolite/calcite/pyrite vein cavities give the rock, from 782'- 784'; 786 - 787', a heterogeneous, blotchy look, approx <1% quartz and <1% pyrite by EOH					
:EOH							



Ministry of
Natural
Resources

Report
of Work

DOCUMENT No.
W8904-176
Minir



42E12NW0150 23 SANDRA

900

Name and Postal Address of Recorded Holder
MR. OWEN
EDDA RESOURCES INC.

T-1565

1800-100 FRONT STREET WEST, TORONTO, ONTARIO. M5J 1E3

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1229 1229	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	TB	908228	73	TR	908236	73	TR	908244	61
		908229	"		908237	"			
		908230	"		908238	"			
		908231	"		908239	"			
		908232	"		908240	"			
		908233	"		908241	"			
		908234	"		908242	"			
		908235	"		908243	"			

All the work was performed on Mining Claim(s): **TB-888021, TB-888022, TB-888032, TB-891803, TB-891804**

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

DIAMOND DRILLING PERFORMED UNDER CONTRACT BY:
MOTHERLOAD DIAMOND DRILLING

Box 1164, TIMMINS, ONTARIO. P4N 7H9

HOLE BRD-88-05-DRILLED TO 1187 FEET AT 300

HOLE BRD-88-06-DRILLED TO 1007 FEET AT 300

HOLE BRD-88-07-DRILLED TO 787 FEET AT 300

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
APR 20 1989
RECEIVED

Work Assignment (over)

789 APR 19 1989
ii 46

Date of Report: **APRIL 7/89**
Recorded Holder or Agent (Signature): **Carl P. Forbes**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

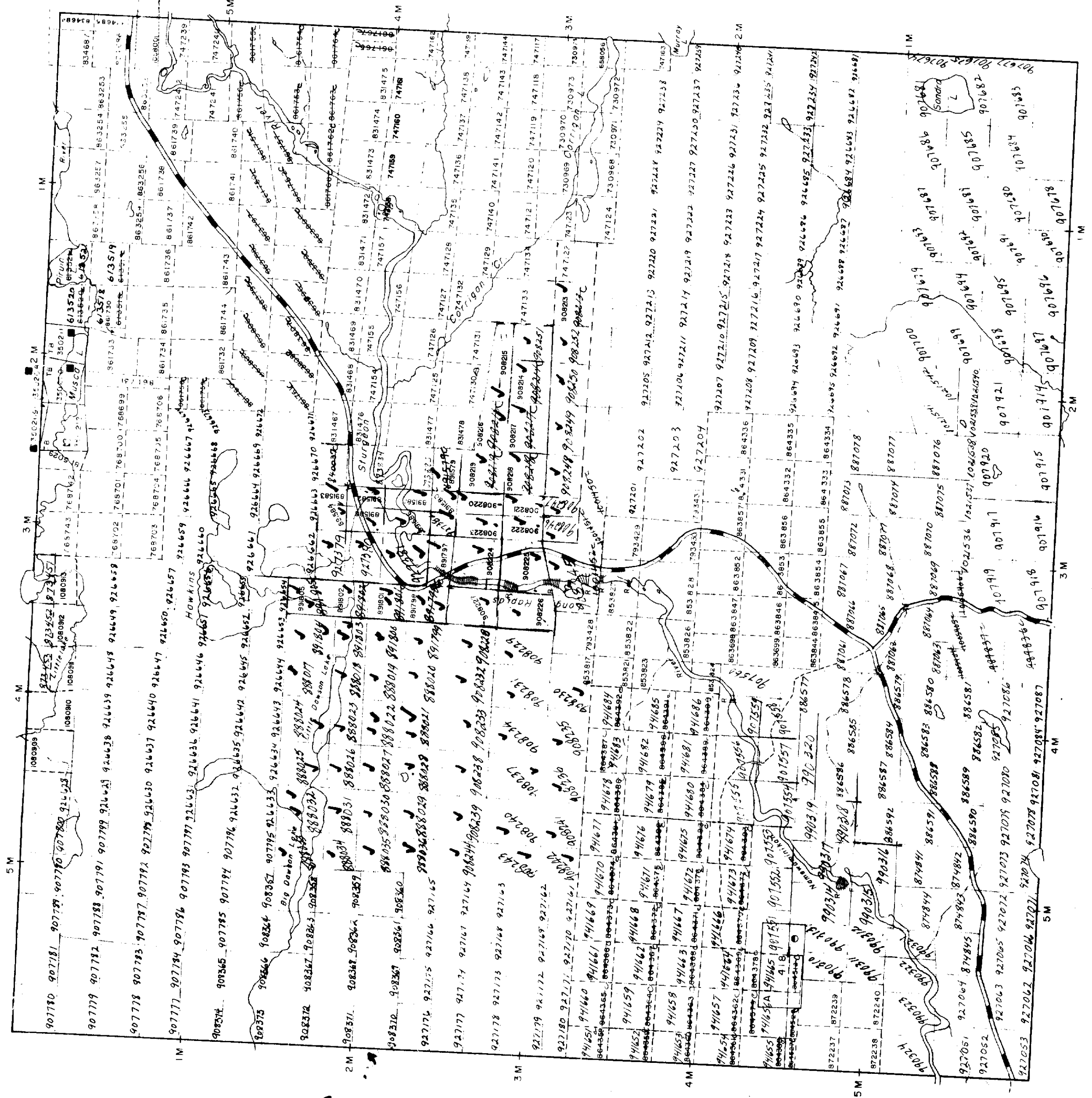
CARL P. FORBES, 70 McCAMUS AVENUE, KIRKLAND LAKE, ONTARIO, P2N 2J9

Date Certified: **APRIL 7 1989**
Certified by (Signature): **Carl P. Forbes**

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.		Nil

Meader Twp. G-168



LEGEND

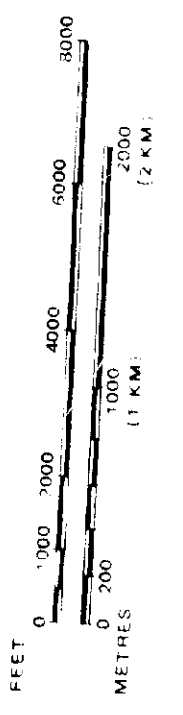
- UNIMPROVED LOTS
- OTHER RIGHTS
- TRAILS
- SURVEYED LINES
- TOWNSHIP BASE LINES ETC
- LOTS, MINING CLAIMS, PARCELS, ETC
- UNIMPROVED LINES
- POLE LINES
- PAVING BOUNDARY
- MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERMANENT STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- ELEVATIONS
- 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 | ◓ |
| ORCH. IN COUNCIL | ◔ |
| RESERVATION | OC |
| CAN. T. L. E.D. | ⊙ |
| SAND & GRAVEL | ⊗ |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE UNLESS OTHERWISE SPECIFIED IN ORIGINAL PATENT DEED OR AL. H.E.O. 1930 CHAP. 380, SEC. 63 SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

SANDRA

M. N. R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

Ministry of Land Management
Natural Resources Branch
Ontario

Dec. 11, 1985

G-167

Dorothea Twp. G-116

Summers Twp. G-165



3600' 3400' 3200' 3000' 2800' 2600' 2400' 2200' 2000' 1800' 1600' 1400' 1200' 1000' 800' 600' 400' 200' 0'

EDDA RESOURCES GOLD HUNTER EXPLORATIONS

E.H. von Hees Geological Services Inc. Ganar Gold Inc.	
PLAN COMPILATION	
Township: Sandra Twp	Province: Ontario
Mining Division: Thunder Bay	Proj: Beardmore
Reference: Terrascan Report	NTS:
Drawn: dp	Drafted: dp
Scale: 1"=200'	Date: Jan. 12/88
	Checked:
	Sheet:

SYMBOLS

Interpreted fault
Magnetic colour, interval 1000 gammas
base level 57,000 gammas
Magnetic high (54,000 gammas)
Magnetic low (50,000 gammas)
VLF-EM CUTLER, Mine
Axis of Fraser filtered high
Road

LEGEND

Dabase
Acidic Metavolcanics
Intermediate Metavolcanics
Intermediate to Felic Metavolcanics
Metasediments

ALTERATION
H. Hematite
O. Quartz
P. Pyrite
PA. Pyrobitum
() minor

T.B. 927381
T.B. 891798
T.B. 891797

T.B. 891805
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T.B. 888031

T.B. 891800
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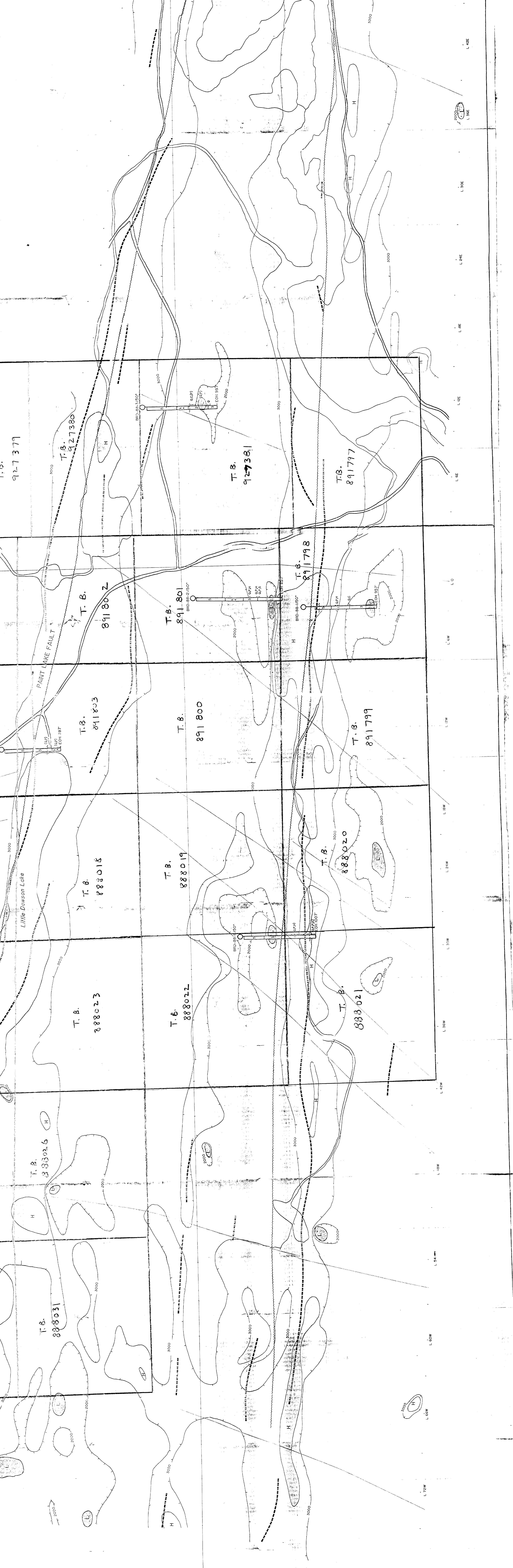
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T.B. 891797

T.B. 927381
T.B. 891798
T.B. 891797



L. 10W L. 10E L. 11W L. 11E L. 12W L. 12E L. 13W L. 13E L. 14W L. 14E L. 15W L. 15E L. 16W L. 16E L. 17W L. 17E L. 18W L. 18E L. 19W L. 19E L. 20W L. 20E L. 21W L. 21E L. 22W L. 22E L. 23W L. 23E L. 24W L. 24E L. 25W L. 25E L. 26W L. 26E L. 27W L. 27E L. 28W L. 28E L. 29W L. 29E L. 30W L. 30E L. 31W L. 31E L. 32W L. 32E L. 33W L. 33E L. 34W L. 34E L. 35W L. 35E L. 36W L. 36E L. 37W L. 37E L. 38W L. 38E L. 39W L. 39E L. 40W L. 40E L. 41W L. 41E L. 42W L. 42E L. 43W L. 43E L. 44W L. 44E L. 45W L. 45E L. 46W L. 46E L. 47W L. 47E L. 48W L. 48E L. 49W L. 49E L. 50W L. 50E