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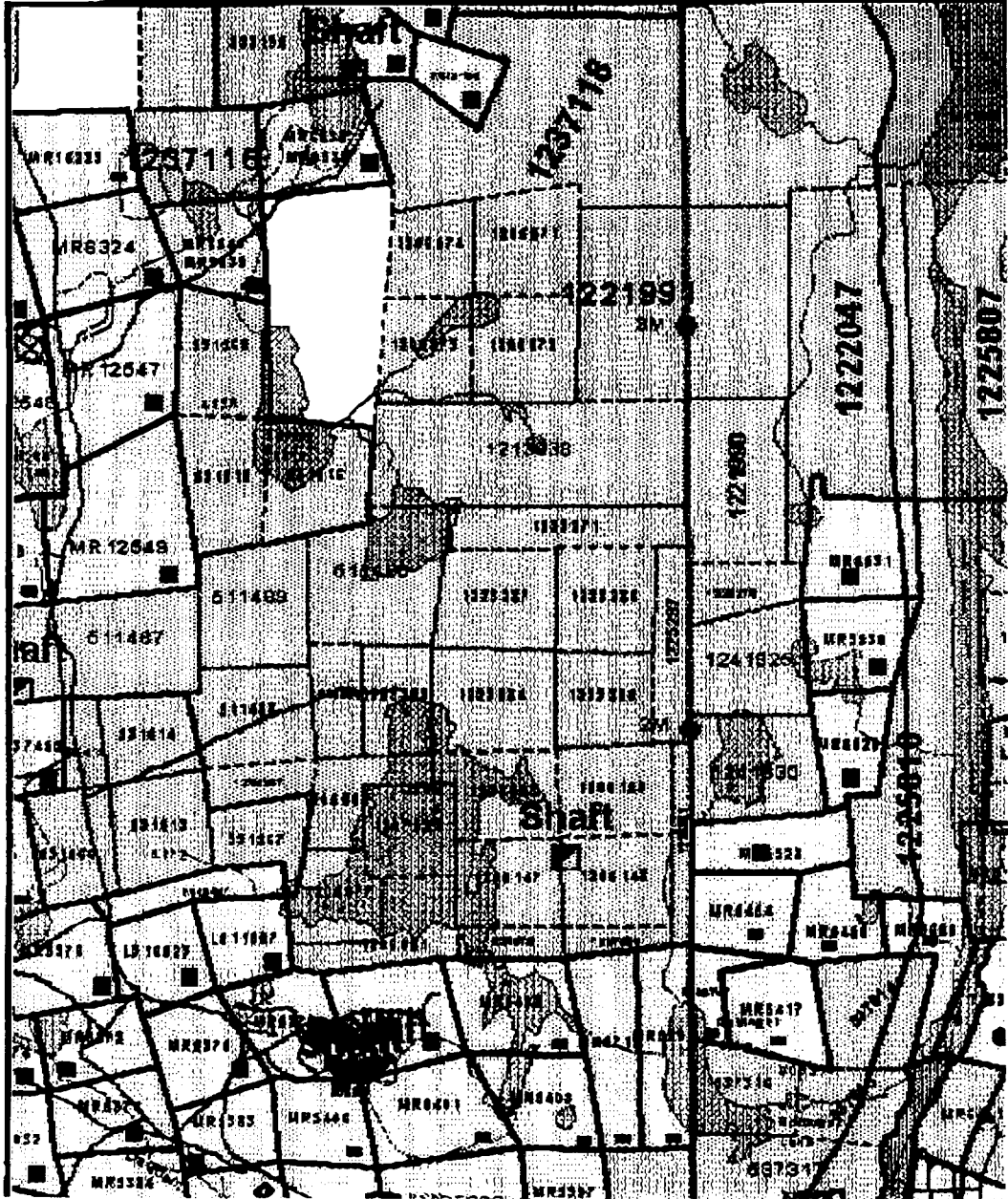
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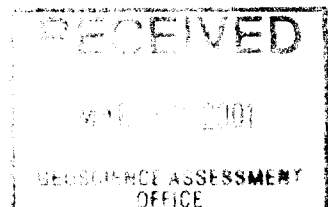


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41P15NE2015 2.20968 POWELL

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Ontario Ministry of Northern Development and Mines  
Mines and Minerals Division

G-3209 - CAIRO - LARDER LAKE Division



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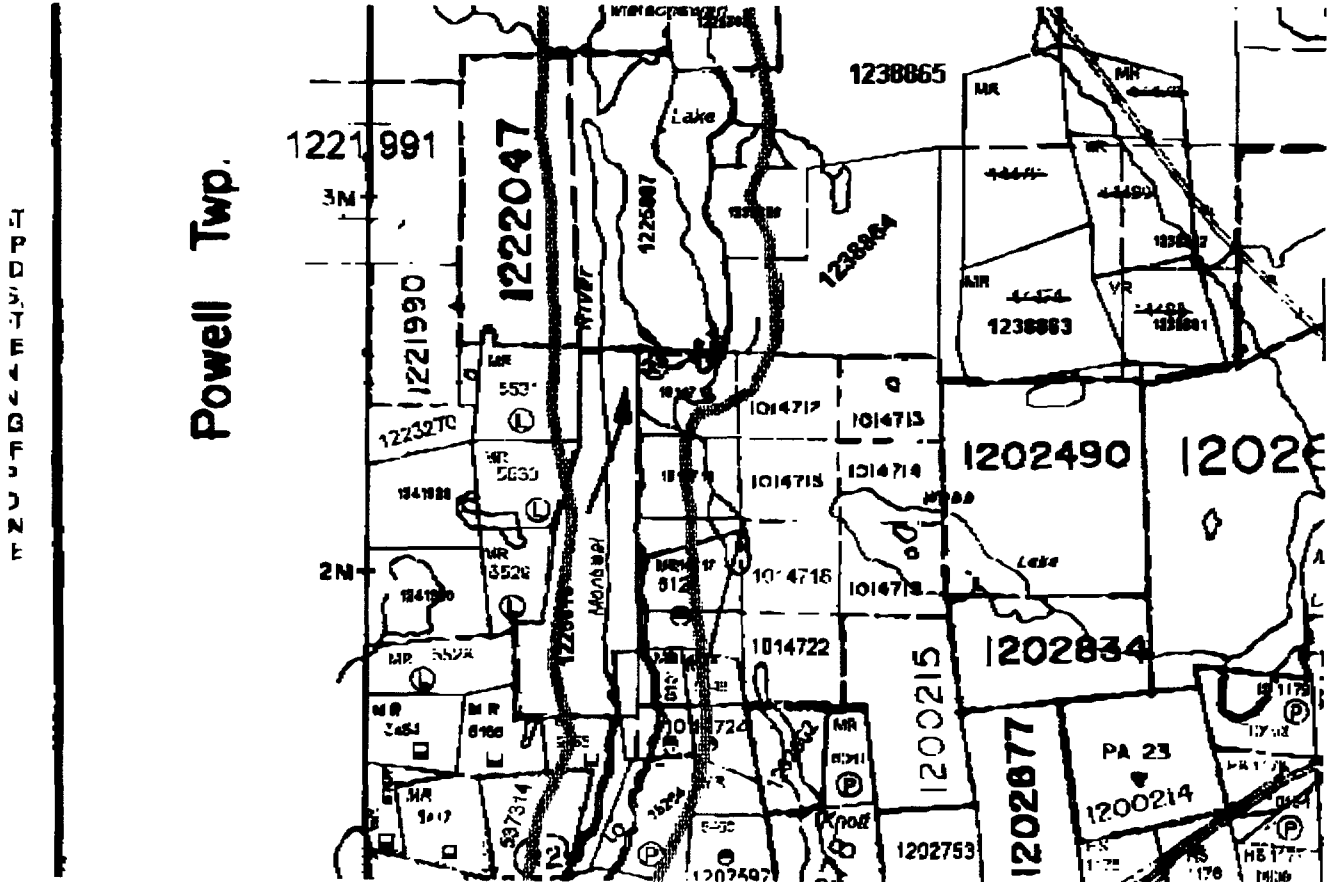
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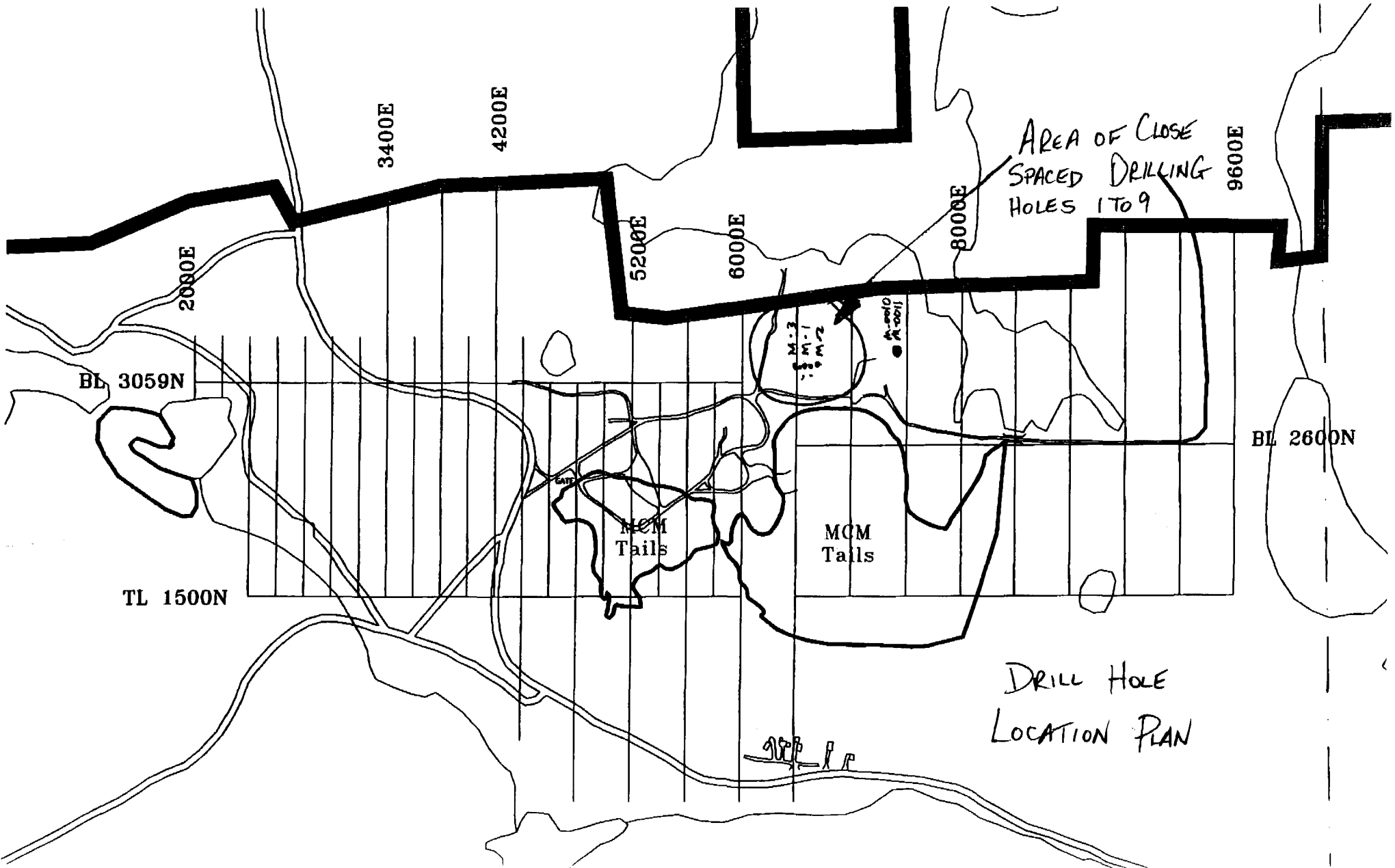
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BL 3059N

2000E

3400E

4200E

5200E

6000E

8000E

9600E

TL 1500N

BL 2600N

MCM  
Tails

MCM  
Tails

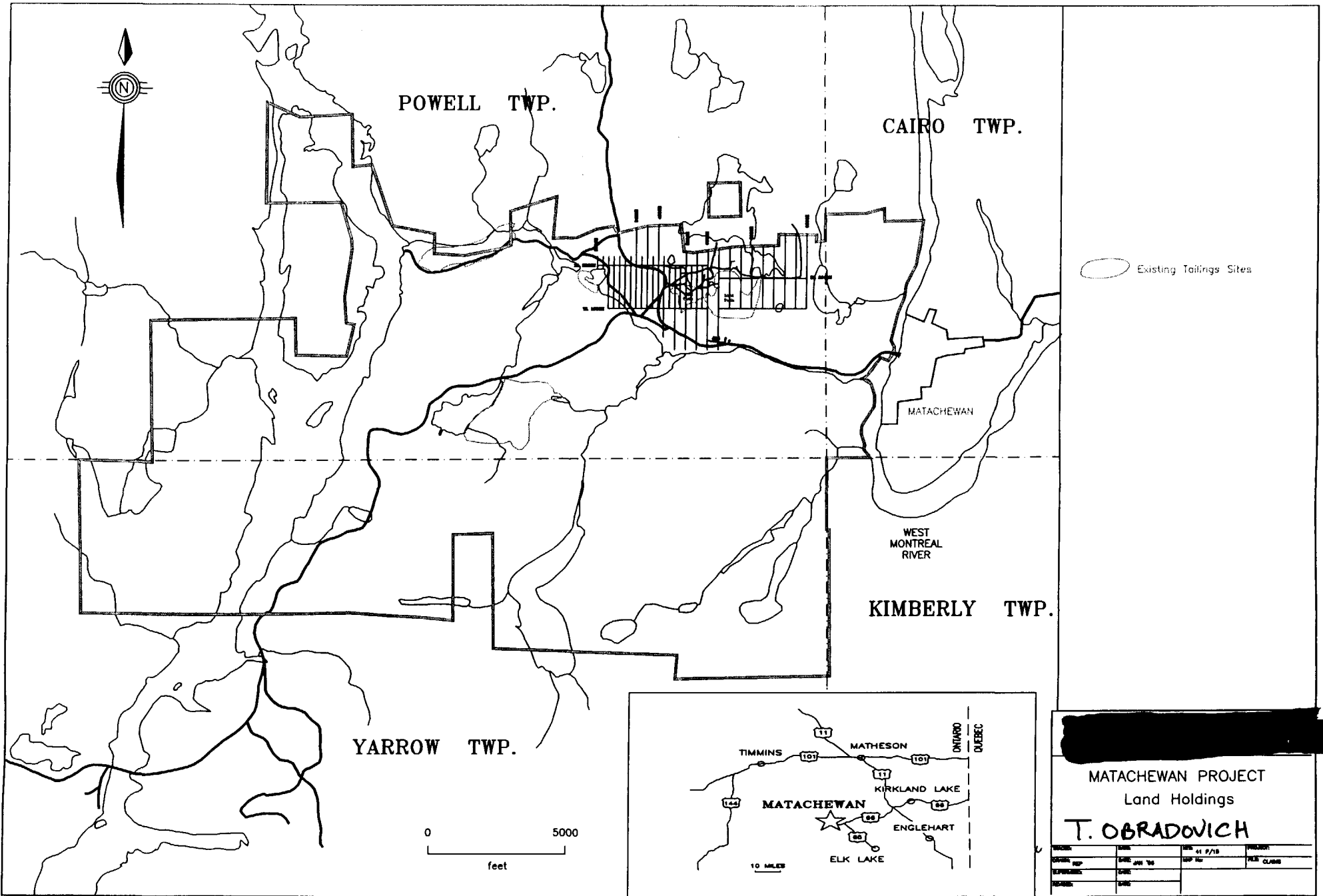
M-3  
M-1  
M-2

A-10011

AREA OF CLOSE  
SPACED DRILLING  
HOLES 1 TO 9

DRILL HOLE  
LOCATION PLAN

SEP 11



[REDACTED]

MATACHEWAN PROJECT  
Land Holdings  
**T. OBRADOVICH**

DATE:	DATE:	DATE:	DATE:
BY:	BY:	BY:	BY:
BY:	BY:	BY:	BY:
BY:	BY:	BY:	BY:



From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
	42.3	44.0									
		2 inch wide vein 10 deg to CA, fine cpy and tourmaline along vein margin.									
	47.8										
		Fault zone, rusted blocky core 45 deg to C.A.									
		*Hole broke into underground workings at 51 feet.*									
	51.0										
		E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*T. K. Kest  
Nov 25 2000*

OBRADOVICH EXPLORATION

Northing: 3150  
 Easting: 6600  
 Elevation: 1000

DRILL HOLE RECORD

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

82 360 -45

Drill Hole: M-00-02

Easting: L 66+00 E  
 Northing: 31+50 N  
 Claim:

Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 17, 2000  
 Completed: November 17, 2000  
 Logged by: T. Keast

Collar Azi.: 360  
 Collar Dip: -45

Hole Length: 82  
 Purpose: Test Gold Zone

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	7.0	CASING									
7.0	82.0	MASSIVE MAFIC VOLCANICS									
		Dark green, fine-medium grained, massive texture.	4517	14.0	16.0	2.0	GRN	MOD	3%	5%	
		Moderate foliation 80 deg to C.A. 3-5 1/2 inch wide quartz-carbonate filled fractures. Rare scattered narrow quartz veins with weak carbonate alteration patches.	4518	24.0	27.0	3.0	GRN	MOD	1%	3%	
			4519	27.0	30.0	3.0	GRN	MOD	1%	3%	
			4520	35.0	38.0	3.0	GRY	STR	1%	3%	
		M.S. 23-15 decreasing downhole to 0.55. Hardness H 4.	4521	38.0	41.0	3.0	GRY	MOD	1%	3%	
			4522	41.0	44.0	3.0	GRY	STR	1%	3%	
		7.0 14.0 Medium-coarse grained weak crystalline texture.	4523	44.0	47.0	3.0	GRY	STR	3%	3%	
			4524	47.0	50.0	3.0	GRY	STR	7%	3%	
		15.2 15.4 Carb vein 65 deg to C.A. 80% chalcopryrite.	4525	50.0	53.0	3.0	GRY	STR	7%	5%	
			4526	53.0	56.0	3.0	GRN	STR	1%	2%	
		25.0 26.0 Weak, grey alteration zone with 2-5% fine py.	4527	56.0	59.0	3.0	GRN	MOD	1%	1%	
			4528	59.0	62.0	3.0	GRN	MOD	TR	TR	
		27.3 27.5 Carb vein, 70 deg to CA, 75% chalcopryrite.									
		39.0 59.0 Weakly altered section with narrow grey quartz veins 1-2% py. Weak patches of grey carb alteration.									
		*At 82 feet drill hole broke into abandoned mine workings*.									
		82.0 E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*T. Keast  
 11/17/00*

OBRADOVICH EXPLORATION

Northing: 3275  
 Easting: 6500  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-03

Collar Azi.: 180  
 Collar Dip: -45

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 65+00 E  
 Northing: 32+75 N

Hole Length: 120  
 Purpose: Test Gold Zone

84 180 -45

Claim:  
 Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 17, 200  
 Completed: November 18, 2000  
 Logged by: T.Keast

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	39.8	CASING									
		Diabase boulders, granite boulders over last 2.8 feet.									
39.8	94.8	SULPHIDE ALTERATION ZONE									
		Grey to buff color, strong foliation 10-20 deg to core Axis, hole going downdip. Fine-medium grained, with 5-7%, locally up to 25% fine disseminated pyrite mineralization. Narrow 1/2 inch wide quartz carbonate filled fractures parallel to foliation.	4529	39.8	42.4	2.6	BUF	WK	2%	15%	
			4530	42.4	45.0	2.6	GRY	WK	2%	3%	
			4531	45.0	48.0	3.0	GRY	WK	1%	1%	
			4532	48.0	50.0	2.0	BUF	WK	1%	3%	
			4533	50.0	52.6	2.6	WK	STR	1%	1%	
		H.>5, M.S. Variable between 1.50 to 32.	4534	52.6	54.5	1.9	BUF	WK	1%	15%	
			4535	54.5	57.7	3.2	BUF	WK	3%	15%	
		39.8 42.4 10-15% fine pyrite disseminated, rare py cube 1/4 inch. 1% carbonate veins 60 deg to CA.	4536	57.7	60.0	2.3	BUF	WK	3%	5%	
			4537	60.0	63.0	3.0	GRY	MOD	1%	2%	
			4538	63.0	66.0	3.0	GRY	MOD	1%	1%	
		49.0 50.0 10-15% fine pyrite.	4539	66.0	69.0	3.0	GRY	MOD	1%	3%	
			4540	69.0	72.0	3.0	BUF	MOD	5%	3%	
		52.6 57.7 Strong sulphide zone 10-15% fine pyrite, 1-3% 1/4 inch py cubes, 1-3% grey qtz veins.	4541	72.0	75.0	3.0	GRY	MOD	2%	1%	
			4542	75.0	78.0	3.0	GRY	MOD	1%	1%	
		63.0 63.5 Limonitic fracture 70 deg to C.A.	4543	78.0	81.0	3.0	GRY	MOD	1%	1%	
			4544	81.0	83.2	2.2	GRY	MOD	1%	1%	
		67.0 67.6 5-7% fine pyrite.	4545	83.2	86.2	3.0	BUF	WK	5%	10%	
			4546	86.2	89.0	2.8	GRY	MOD	2%	2%	
		83.2 86.4 7-10% fine pyrite, 3-5% white quartz veins 60 deg to CA.	4547	89.0	92.0	3.0	GRY	MOD	1%	2%	
			4548	92.0	94.8	2.8	GRY	WK	1%	1%	
94.8	120.0	SHEARED MAFIC VOLCANICS									
		Green, fine grained strongly sheared 10-15% deg to C.A. 7-10% quartz veins, white-pink parallel to foliation. Local patchy albite alteration zones, irregular shape.	4549	94.8	98.0	3.2	GRN	WK	5%	5%	
			4550	98.0	101.0	3.0	GRN	WK	7%	3%	
			4551	101.0	104.0	3.0	GRN	WK	7%	3%	
			4552	104.0	107.0	3.0	GRN	WK	10%	2%	
			4553	107.0	110.0	3.0	GRN	WK	7%	3%	
			4554	110.0	113.0	3.0	GRN	WK	3%	3%	
			4555	113.0	116.0	3.0	GRN	WK	3%	3%	



From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
	120.0	E.O.H.	4556	116.0	120.0	4.0	GRN	WK	3%	3%	
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*Good Keest  
Nov 25 2000*

OBRADOVICH EXPLORATION

Northing: 3275  
 Easting: 6575  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-04

Collar Azi.: 180  
 Collar Dip: -45

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 65+75 E  
 Northing: 32+75 N  
 Claim:

Hole Length: 71  
 Purpose: Test Gold Zone

71 180 -45

Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 18, 200  
 Completed: November 18, 2000  
 Logged by: T.Keast

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	47.0	CASING									
		Diabase boulders, granite boulders over last 3.5 feet.									
47.0	71.0	SULPHIDE ALTERATION ZONE									
		Grey to buff color, strong foliation 10-20 deg to Core Axis, hole going downdip. Fine-medium grained, with 5-7%, locally up to 25% fine disseminated pyrite mineralization. 1-3% narrow 1 inch wide quartz carbonate veins parallel to foliaiton.	4557	47.0	50.0	3.0	BUF	WK	2%	10%	
			4558	50.0	53.0	3.0	BUF	WK	5%	10%	
			4559	53.0	56.0	3.0	BUF	WK	1%	7%	
			4560	56.0	59.0	3.0	BUF	WK	1%	7%	
		H.>5, M.S. Variable between 0.30 to 0.06.	4561	59.0	62.0	3.0	GRN	WK	1%	7%	
			4562	62.0	65.0	3.0	GRY	MOD	3%	15%	
		49.0 50.2 3-5% white quartz vein with 5-7% fine pyrite disseminated, rare cube 1/4 inch.	4563	65.0	68.0	3.0	GRY	MOD	3%	15%	
			4564	68.0	71.0	3.0	GRY	MOD	3%	15%	
		51.2 54.0 5-7% mottled quartz veins with 5-7% fine pyrite.									
		54.0 60.5 Light green grey colour. Moderate sulphides 3-5% fine pyrite, 1-3% 1/4 inch py cubes.									
		60.5 71.0 Grey colour, 10-15% fine pyrite.									
		Hole broke into underground mine workings.									
		71.0 E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*T. Keast*

*Nov 25 2000*

OBRADOVICH EXPLORATION

Northing: 3250  
 Easting: 6600  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-05

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 66+00 E  
 Northing: 32+50 N

Collar Azi.: 180  
 Collar Dip: -45

53 180 -45

Claim:  
 Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 19, 200  
 Completed: November 19, 2000  
 Logged by: T. Keast

Hole Length: 53  
 Purpose: Test Gold Zone

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	39.0	CASING									
39.0	42.5	SULPHIDE ALTERATION ZONE	4565	39.0	42.5	3.5	BUF	WK	2%	15%	
		Grey to buff color, strong foliation 10-30 deg to core axis, hole going downdip. Fine grained, with 7-10% fine disseminated pyrite mineralization. 1-3% narrow 1/4 inch wide quartz carbonate veins parallel to foliation.									
		H.>5, M.S. 0.35.									
42.5	53.0	SHEARED MAFIC VOLCANICS	4566	42.5	45.0	2.5	GRN	STR	1%	2%	
		Light green strongly foliated 15 deg to CA. Fine grained with mottled-spotted texture.	4567	45.0	48.0	3.0	GRN	STR	1%	2%	
		1-3% Carbonate veins 1 inch wide parallel to foliation.	4568	48.0	50.0	2.0	GRN	STR	1%	1%	
		1% Disseminated pyrite.	4569	50.0	53.0	3.0	GRN	STR	1%	1%	
		52.0 53.0 Broken blocky core.									
		At 53 feet hole intersected underground mine workings.									
		53.0 E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*Todd Keast*  
 Nov - 25-2000

OBRADOVICH EXPLORATION

Northing: 3230  
 Easting: 6625  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-06

Collar Azi.: 180  
 Collar Dip: -45

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 66+25 E  
 Northing: 32+30 N

Hole Length: 97  
 Purpose: Test Gold Zone

97 180 -45

Claim:  
 Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 19, 200  
 Completed: November 19, 2000  
 Logged by: T.Keast

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	37.6	CASING									
37.6	97.0	MASSIVE MAFIC VOLCANICS									
		Dark green, fine-medium grained, massive texture. Moderate foliation 10 deg to C.A. Trace-1% disseminated pyrite, fine grained.	4570	38.0	41.0	3.0	GRN	WK	TR	1%	
		1-3 % scattered 1/2 inch wide quartz veins.	4571	41.0	44.0	3.0	GRN	WK	TR	1%	
		M.S. 0.55. Hardness H 4.	4572	44.0	47.0	3.0	GRN	WK	2%	1%	
		44.0 46.0 3-5% quartz carb veins, 1-3% hematite, tr py.	4573	68.0	71.0	3.0	GRN	WK	TR	1%	
		71.2 74.8 10-15% quartz carb vein 10 deg to C.A. 3-5% fine py.	4574	71.0	74.0	3.0	GRN	WK	5%	3%	
		87.5 87.9 Quartz carbonate vein 60 deg to C.A. Trace pyrite.	4575	83.0	86.0	3.0	GRN	WK	3%	1%	
		91.8 94.0 3-5% quartz carb veins, 15 deg to CA, 10% chalcopryrite in veins.	4576	86.0	89.0	3.0	GRN	WK	5%	2%	
			4577	89.0	92.0	3.0	GRN	WK	2%	1%	
			4578	92.0	95.0	3.0	GRN	WK	7%	5%	
		97.0 E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*Toolbox  
 Keast  
 Nov 25 2000*

OBRADOVICH EXPLORATION

Northing: 3235  
 Easting: 6650  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-07

Collar Azi.: 180  
 Collar Dip: -45

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 66+50 E  
 Northing: 32+35 N

Hole Length: 107  
 Purpose: Test Gold Zone

107 180 -45

Claim:  
 Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 19, 200  
 Completed: November 20, 2000  
 Logged by: T.Keast

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
0.0	40.0	CASING									
		Diabase and granite boulders.									
40.0	107.0	MASSIVE MAFIC VOLCANICS									
		Dark green, fine-medium grained, massive texture. Weakly foliated 20 deg to C.A. Trace-1% fine disseminated pyrite. 1-3 % scattered 1/2 to 3 inch wide quartz veins, white, barren.	4579	49.0	52.0	3.0	GRN	WK	TR	1%	
			4580	52.0	55.0	3.0	GRN	WK	5%	TR	
			4581	77.0	80.0	3.0	GRN	WK	3%	TR	
			4582	98.0	101.0	3.0	GRN	WK	2%	TR	
		M.S. 0.55. To 35.0. Hardness H 4.									
		40.0 43.5 Broken blocky core, limonitic staining along fracture planes.									
		52.8 53.5 Quartz carb vein, 30 deg to C.A. Tr py.									
		55.0 55.4 Quartz vein, 30 deg to C.A. Tr py.									
		59.2 71.4 Feldpar phyrlic section, fine grained.									
		77.5 78.5 7-10% quartz carb veins, 15 deg to C.A.									
		98.5 102.3 Weak carbonate alteration 3-5% quartz-carbonate veins.									
		107.0 E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*Tool Read  
 Nov 25 2000*

OBRADOVICH EXPLORATION

Northing: 3275  
 Easting: 6525  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-08

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 65+25 E  
 Northing: 32+75 N

Collar Azi.: 180  
 Collar Dip: -45

127 180 -45

Claim:  
 Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 20, 200  
 Completed: November 21, 2000  
 Logged by: T. Keast

Hole Length: 127  
 Purpose: Test Gold Zone

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	44.8	CASING									
44.8	49.0	MASSIVE MAFIC VOLCANICS  Dark green, fine grained, massive, weakly foliated 10 deg to C.A. Weak feldspar phyrlic texture. Weak limonitic staining.  MS 5 to 15. H 4.									
49.0	100.8	SULPHIDE ALTERATION ZONE  Grey to buff color, strong foliation 10-20 deg to core axis, hole going downdip. Fine-medium grained, with 5-7%, locally up to 25% fine disseminated pyrite mineralization. Overall 1-3% narrow 1 inch wide quartz carbonate veins parallel and cross-cutting foliation. Rusted blocky upper contact.  H.>5. M.S. Variable between 0.30 to 0.06.  49.0 55.6 Strong alteration and foliation, tr-1% py, tr magnetite.  55.6 64.9 Strong alteration with 15-20% fine disseminated pyrite. 1-3 1/2 inch wide quartz veins.  64.9 76.8 Light green grey strong color, 1-3% fine disseminated pyrite.  76.8 90.8 Grey colour, 10-15% fine pyrite.  77.9 78.3 White quartz vein 90 deg to C.A., tr-1% py.  84.3 85.0 White quartz vein, 80 deg to C.A.  86.1 88.3 Pink-red syenite dyke, 30 deg to C.A.  90.8 100.8 BuFf altered qtz-ser-carb alteration 1-3% fine py.	4583	49.0	52.0	3.0	BUF	MOD	TR	1%	
			4584	52.0	55.6	3.6	BUF	WK	TR	1%	
			4585	55.6	59.0	3.4	GRY	MOD	1%	10%	
			4586	59.0	62.0	3.0	GRY	MOD	1%	15%	
			4587	62.0	64.9	2.9	GRY	MOD	3%	15%	
			4588	64.9	68.0	3.1	BUF	WK	TR	2%	
			4589	68.0	71.0	3.0	BUF	WK	1%	3%	
			4590	71.0	74.0	3.0	BUF	WK	1%	2%	
			4591	74.0	76.8	2.8	BUF	WK	2%	2%	
			4592	76.8	79.0	2.2	GRY	NIL	1%	10%	
			4593	79.0	82.0	3.0	BUF	WK	1%	5%	
			4594	82.0	85.0	3.0	BUF	WK	1%	5%	
			4595	85.0	88.0	3.0	BUF	WK	5%	5%	
			4596	88.0	90.8	2.8	BUF	WK	2%	3%	
			4597	90.8	94.0	3.2	BUF	MOD	3%	2%	
			4598	94.0	97.0	3.0	BUF	MOD	1%	3%	
			4599	97.0	100.8	3.8	BUF	MOD	1%	3%	

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
100.8	127.0	SHEARED MAFIC VOLCANICS									
		Fine grained strongly foliated 15-20 deg to C.A. Sharp upper contact 15 deg to C.A. Dark green	4600	100.8	104.0	3.2	GRN	WK	3%	2%	
		10-15% buf qtz carb veins and patchy alteration zones. 1-2% fine disseminated pyrite.	4601	104.0	107.0	3.0	GRN	WK	2%	3%	
			4602	107.0	110.0	3.0	GRN	WK	2%	3%	
		MS 0.3-19.0, H 4.	4603	110.0	113.0	3.0	BUF	WK	TR	3%	
			4604	113.0	116.0	3.0	BUF	WK	TR	2%	
			4605	116.0	119.0	3.0	BUF	WK	TR	3%	
			4606	119.0	122.0	3.0	BUF	WK	1%	3%	
		127.0 E.O.H.	4607	122.0	125.0	3.0	BUF	WK	1%	3%	
			4608	125.0	127.0	2.0	GRN	WK	1%	2%	
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*Trudell  
Keest  
Nov 25 2000*

OBRADOVICH EXPLORATION

Northing: 3280  
 Easting: 6550  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-09

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 65+50 E  
 Northing: 32+80 N  
 Claim:

Collar Azi.: 180  
 Collar Dip: -45

60 180 -45

Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 21, 200  
 Completed: November 21, 2000  
 Logged by: T.Keast

Hole Length: 60  
 Purpose: Test Gold Zone

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	42.0	CASING									
42.0	52.4	SULPHIDE ALTERATION ZONE									
		Grey to buff color, strong foliation 10-20 deg to core axis, hole going downdip. Fine-medium grained, with 10-15% fine disseminated pyrite mineralization. Overall 1-3% narrow 1 inch wide quartz carbonate veins parallel and cross-cutting foliation.	4609	42.0	45.0	3.0	GRY	MOD	1%	15%	
			4610	45.0	48.6	3.6	GRY	MOD	1%	12%	
			4611	48.6	52.4	3.8	GRY	MOD	1%	10%	
		H.>5. M.S. Variable between 0.30 to 35.0.									
		42.8 48.6 Strong sulphide mineralization 10-15% fine grained.									
		48.6 52.4 Strong light grey-buff alteration, tr magnetite, tr py.									
52.4	60.0	WEAKLY ALTERED MAFIC VOLCANICS									
		Light green, strongly foliated 15 deg to C.A. Banded chlorite-carb rich bands up to 4 inches wide. 1-3% fine disseminated magnetite, tr pyrite. Gradational upper contact.	4612	52.4	55.0	2.6	GRN	WK	3%	1%	
		MS 5-35, H 4.									
		At 60 feet hole broke into underground workings.									
		60.0 E.O.H.									
		Casing removed from hole.									
		Core Store at Obradovich Exploration Office, Kirkland Lake.									

*T. Keast  
 Nov 25 2000*



## OBRADOVICH EXPLORATION

Page: 1 of 2

Northing: 3310  
 Easting: 7300  
 Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: M-00-10

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 73+00 E  
 Northing: 33+10 N

Collar Azi.: 180  
 Collar Dip: -45

107 180 -45

Claim:  
 Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 21, 2000  
 Completed: November 22, 2000  
 Logged by: T.Keast

Hole Length: 107  
 Purpose: Test Gold Zone

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	12.2	CASING									
12.2	27.1	SHEARED MAFIC VOLCANICS	4613	26.0	29.0	3.0	GRY	WK	1%	1%	
		Dark green, fine grained, moderate foliation 70-80 deg to C.A. 3-5% 1/2 inch wide carbonate veinlets, generally barren. Local patchy feldspar phyrlic sections up to 5 inches wide.									
		MS 5 to 15. H 4.									
27.1	35.6	SULPHIDE ALTERATION ZONE	4614	29.0	32.0	3.0	GRY	WK	TR	1%	1%
		Grey to buff color, Weak foliation 70 deg to core axis Gradational upper contact. Overall 3-5% disseminated pyrite. 1-2% quartz carbonate veins.	4615	32.0	35.6	3.6	GRY	WK	1%	3%	
		H.>5. M.S. Variable between 1.5.									
		30.5 33.7 Moderate sulphide mineralization 5-7%.									
		33.7 34.9 Grey foliated dyke, sharp upper and lower contacts 60 deg to C.A.									
35.6	42.1	QUARTZ FELDSPAR DYKE	4616	35.6	38.0	2.4	ORN	NIL	2%	5%	
		Pink-orange, fine grained. Sharp upper contact 65 deg to C.A. 1-3% white qtz veins 1 inch wide.	4617	38.0	40.0	2.0	ORN	NIL	3%	15%	
		1-2% fine disseminated pyrite. 3-5% 1/16 inch wide chlorite filled fractures, 40 deg to C.A.	4618	40.0	42.1	2.1	GRY	WK	1%	2%	
		MS 0.3, H >5.									
42.1	65.0	SULPHIDE ALTERATION ZONE	4619	42.1	45.0	2.9	GRY	WK	1%	3%	
		Grey to buff color, Weak foliation 60 deg to core axis. Sharp upper contact 75 deg to C.A.	4620	45.0	48.0	3.0	GRY	WK	1%	2%	
		Overall 1-5% fine disseminated pyrite. 1-2% quartz carbonate veins.	4621	48.0	51.0	3.0	BUF	WK	2%	2%	

From ft	To ft	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
		H.>5. M.S. Variable between 1.5.	4622	51.0	54.0	3.0	GRY	NIL	1%	1%	
			4623	54.0	57.0	3.0	ORN	NIL	1%	3%	
		45.7 45.9 Quartz feldspar dyke, orange.	4624	57.0	60.0	3.0	GRY	WK	1%	3%	
			4625	60.0	63.0	3.0	GRY	WK	2%	5%	
		46.9 48.0 5-7% fine py.	4626	63.0	66.0	3.0	GRY	WK	2%	3%	
		51.0 52.5 3-5% fine py.									
		54.4 56.7 Quartz-feldspar dyke, orange fine grained sharp upper contact 80 deg to C.A.									
		62.0 62.3 5-7% fine py in qtz carb veins.									
65.0	107.0	SHEARED MAFIC VOLCANICS	4627	66.0	69.0	3.0	GRY	WK	2%	1%	
		Dark green-grey, fine grained, moderate foliation 70-80 deg to C.A. 3-5% 1/2 inch wide carbonate veinlets, generally barren.	4628	74.0	77.0	3.0	GRN	WK	3%	2%	
		1-3% Fine disseminated pyrite.	4629	92.0	95.0	3.0	GRN	MOD	3%	3%	
		MS 1.5 0.4. H 4.									
		107.0 E.O.H.									
		Casing removed from hole.									
		Core Stored at Obradovich Exploration Office, Kirkland Lake.									

1  
 Total  
 Recs 4  
 Nov 23 2008

OBRADOVICH EXPLORATION

Northing: 3310  
 Easting: 7300  
 Elevation: 1000

DRILL HOLE RECORD

Drill Hole: M-00-11

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip

Easting: L 73+00 E  
 Northing: 33+10 N  
 Claim:

Collar Azi.: 180  
 Collar Dip: -55

87 180 -55

Property: Matachewan Project  
 Core Size: NQ  
 Date Started: November 22, 200  
 Completed: November 22, 2000  
 Logged by: T.Keast

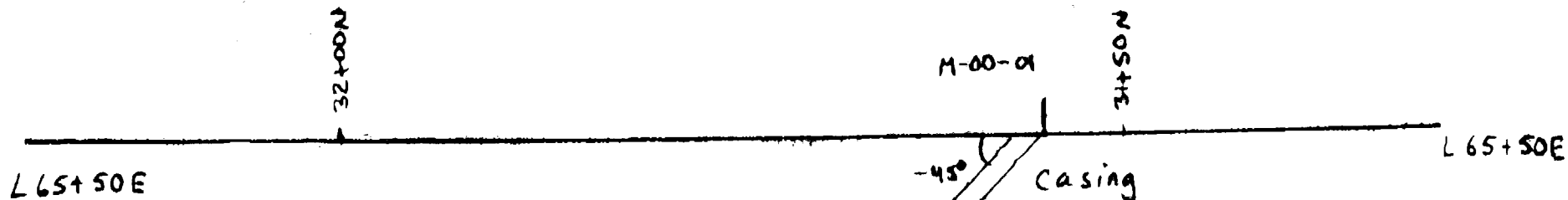
Hole Length: 87  
 Purpose: Test Gold Zone

Drilled by: Heath and Sherwood Drilling

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
.0	8.2	CASING									
8.2	27.1	SHEARED MAFIC VOLCANICS Dark green, fine grained, moderate foliation 70-80 deg to C.A. 3-5% 1/2 inch wide wispy carbonate veinlets, trace pf pyrite. MS 5 to 15. H 4.	4630	26.0	28.5	2.5	GRY	WK	1%	3%	
27.1	28.5	SULPHIDE ALTERATION ZONE Grey to buff color, Weak foliation 70 deg to core axis Gradational upper contact. Overall 1-3% disseminated pyrite. 1-2% quartz carbonate veins. H.>5. M.S. Variable between 1.5. 27.0 28.5 Moderate sulphide mineralization 5-7%.									
28.5	32.9	QUARTZ FELDSPAR DYKE Pink-orange-buff, fine grained. Sharp upper contact 75 deg to C.A. 1-3% white qtz veins 1 inch wide. 3-5% fine disseminated pyrite. 3-5% 1/16 inch wide chlorite filled fractures, 40 deg to C.A. MS 0.3, H >5.	4631 4632	28.5 30.5	30.5 32.9	2.0 2.4	ORN ORN	WK WK	TR 1%	3% 5%	
32.9	63.5	SULPHIDE ALTERATION ZONE Grey to buff color, Weak foliation 60 deg to core axis. Sharp upper contact 60 deg to C.A. Overall 1-5% fine disseminated pyrite. 1-2% quartz carbonate veins. H.>5. M.S. Variable between 1.5.	4633 4634 4635 4636 4637	32.9 36.0 39.0 42.0 45.0	36.0 39.0 42.0 45.0 48.0	3.1 3.0 3.0 3.0 3.0	GRY GRY GRY GRY GRY	MOD MOD WK WK WK	2% 3% 1% 1% 1%	10% 7% 2% 3% 2%	

From ft.	To ft.	Geology	Smpl	From ft.	To ft.	Lng ft.	CLOR	CARB	VINS	PY	AU OZ/T
	34.3	37.5		4638	48.0	51.0	3.0	GRY	WK	2%	1%
		7-10% fine disseminated pyrite.		4639	51.0	54.0	3.0	GRY	NIL	1%	5%
				4640	54.0	57.0	3.0	ORN	NIL	1%	3%
	53.7	56.2		4641	57.0	60.0	3.0	GRY	WK	1%	1%
		Quartz feldspar dyke, orange. 3-5% fine py. 1-3% grey qtz veins.		4642	60.0	63.0	3.0	GRY	WK	2%	1%
63.5	87.0	SHEARED MAFIC VOLCANICS									
		Dark green-grey, fine grained, moderate foliation 65-75 deg to C.A. 3-5% 1/2 inch wide carbonate veinlets, generally barren.									
		1-3% Fine disseminated pyrite.									
		MS 1.5 0.4. H 4.									
	87.0	E.O.H.									
		Casing removed from hole.									
		Core Stored at Obradovich Exploration Office, Kirkland Lake.									

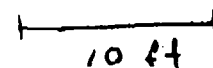
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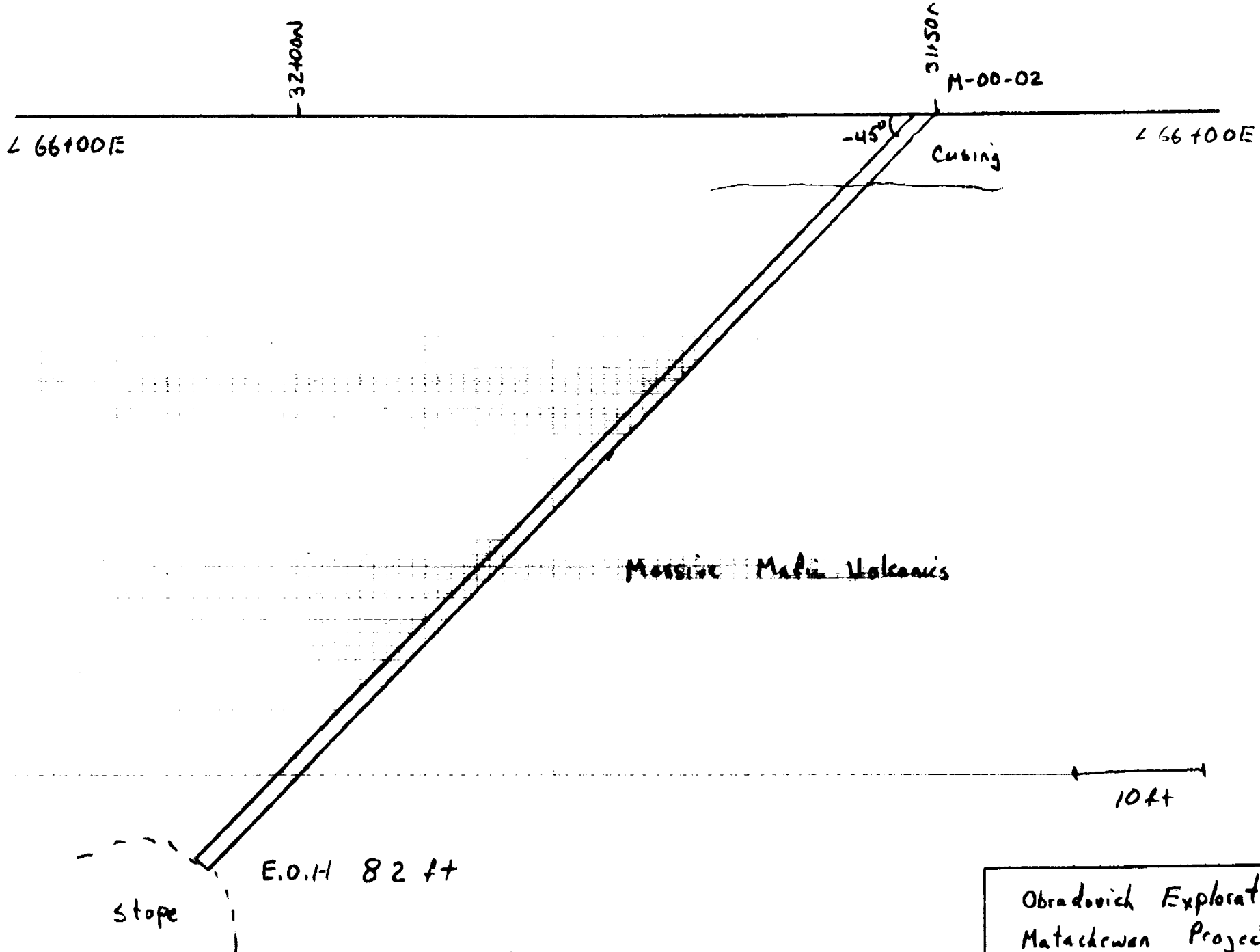
~~Stably Altered  
Multi-Halogenics~~

Subsidence Attention Zone

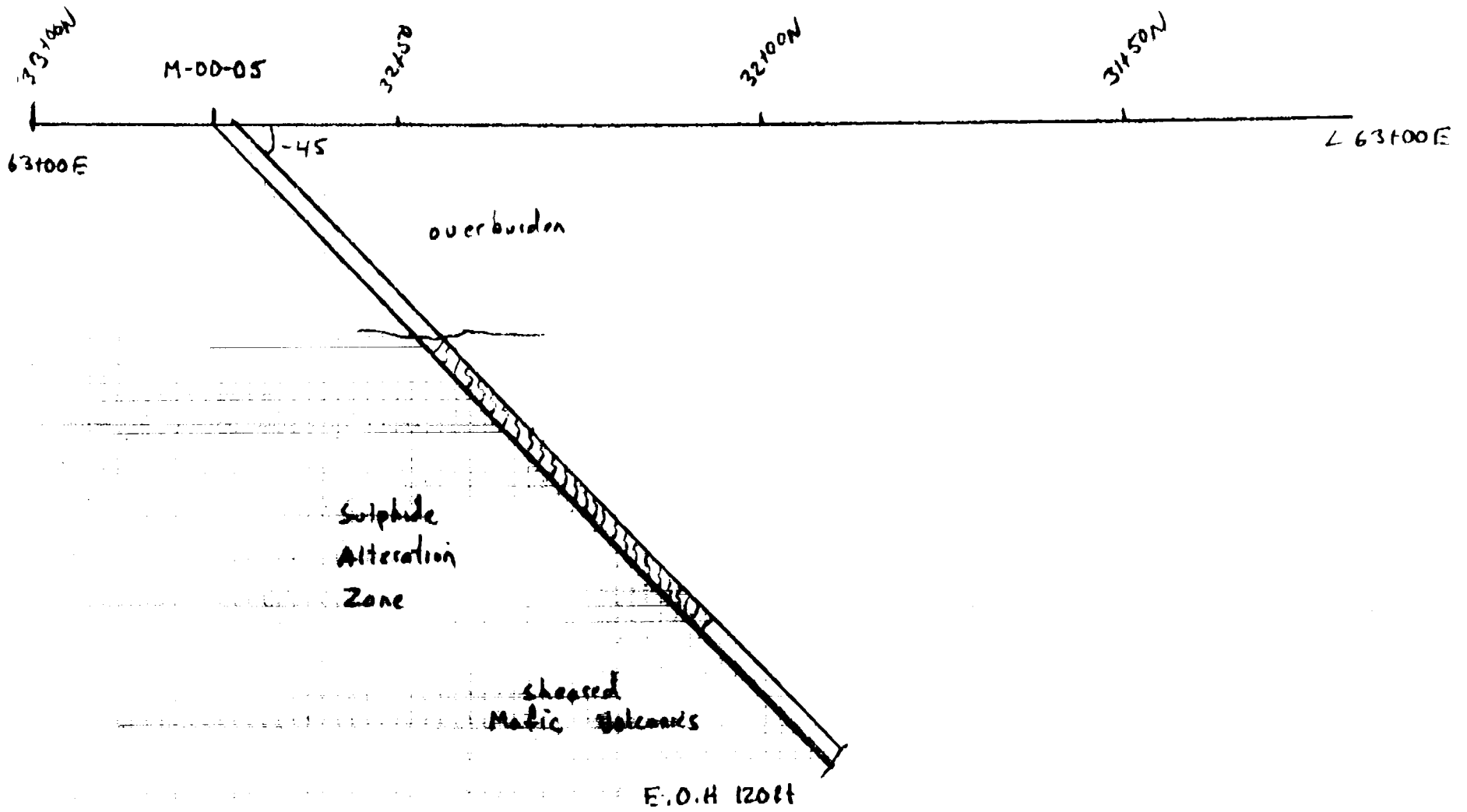
Open  
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EOM 51 ft



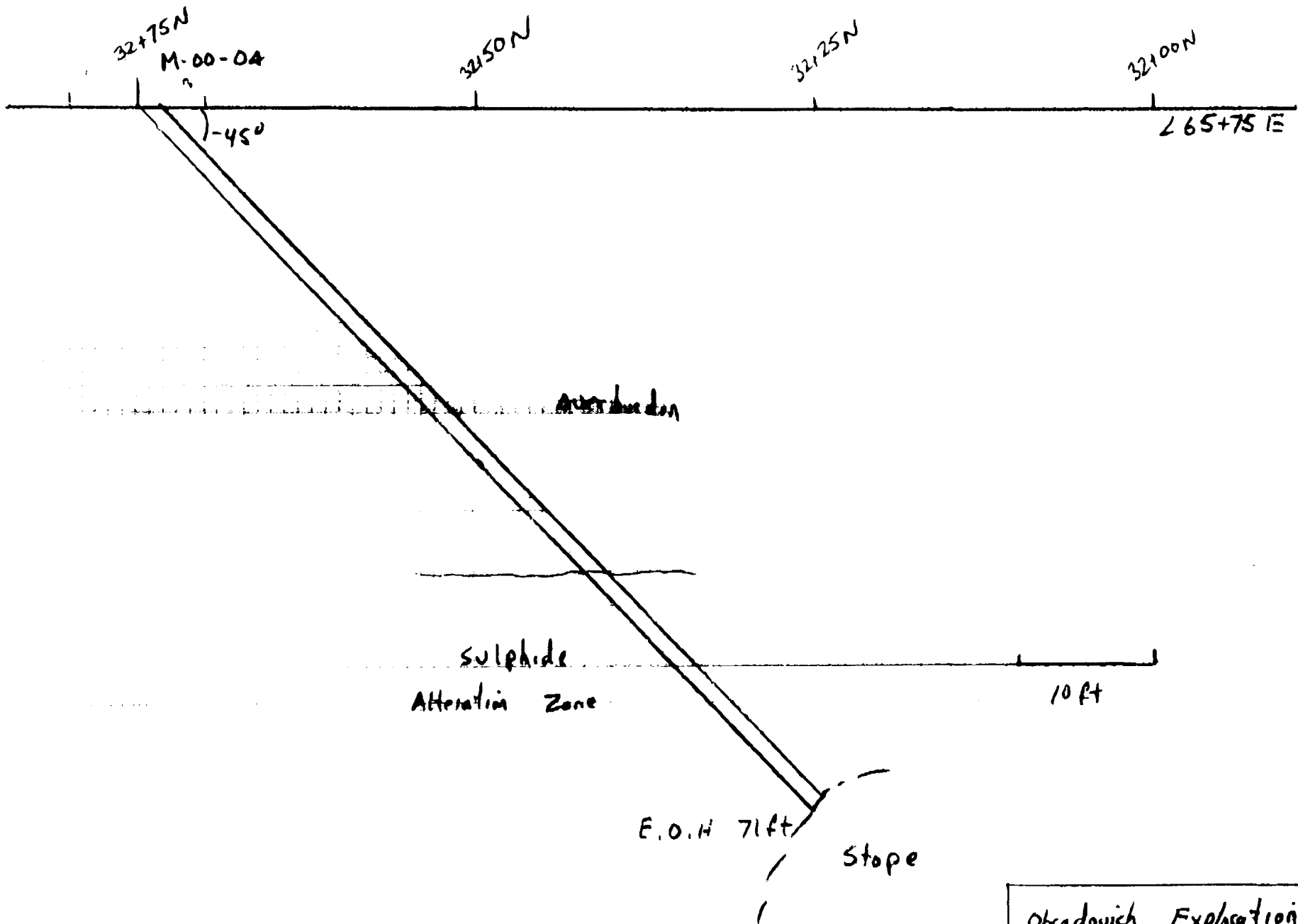
Obradovich Exploration  
Matachewan Project  
DDH M-00-01  
view East  
1 inch = 10 ft



Obradovich Exploration  
 Matachewan Project  
 DDH M-00-02  
 View East  
 1 inch = 10 ft

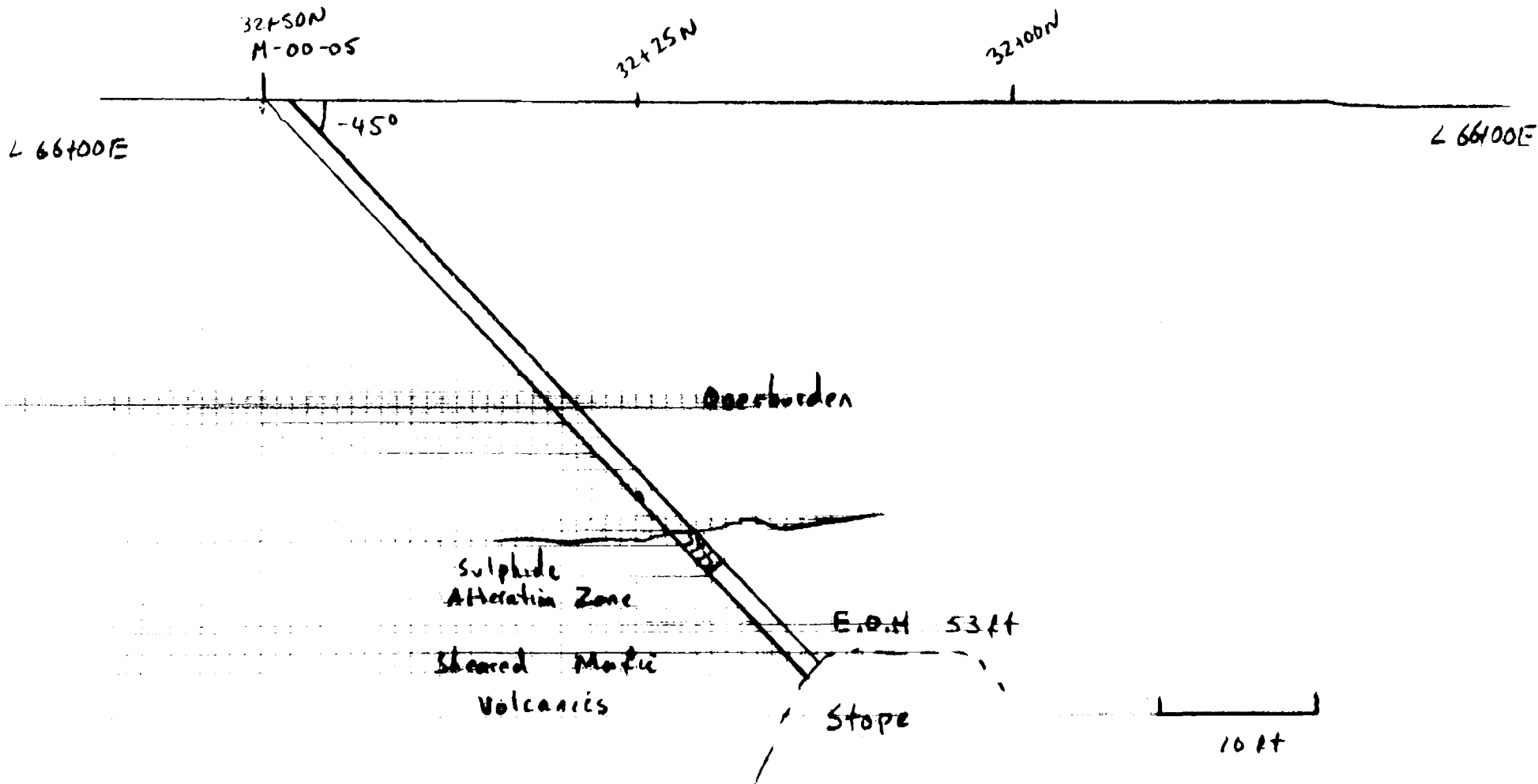


Obradovich Exploration  
 Matachewan Project  
 DDH M-00-03  
 View East  
 1" = 20 ft



Obradovich Exploration  
 Matachewan Project  
 DDH M-00-04  
 View East  
 scale 1" = 10 ft



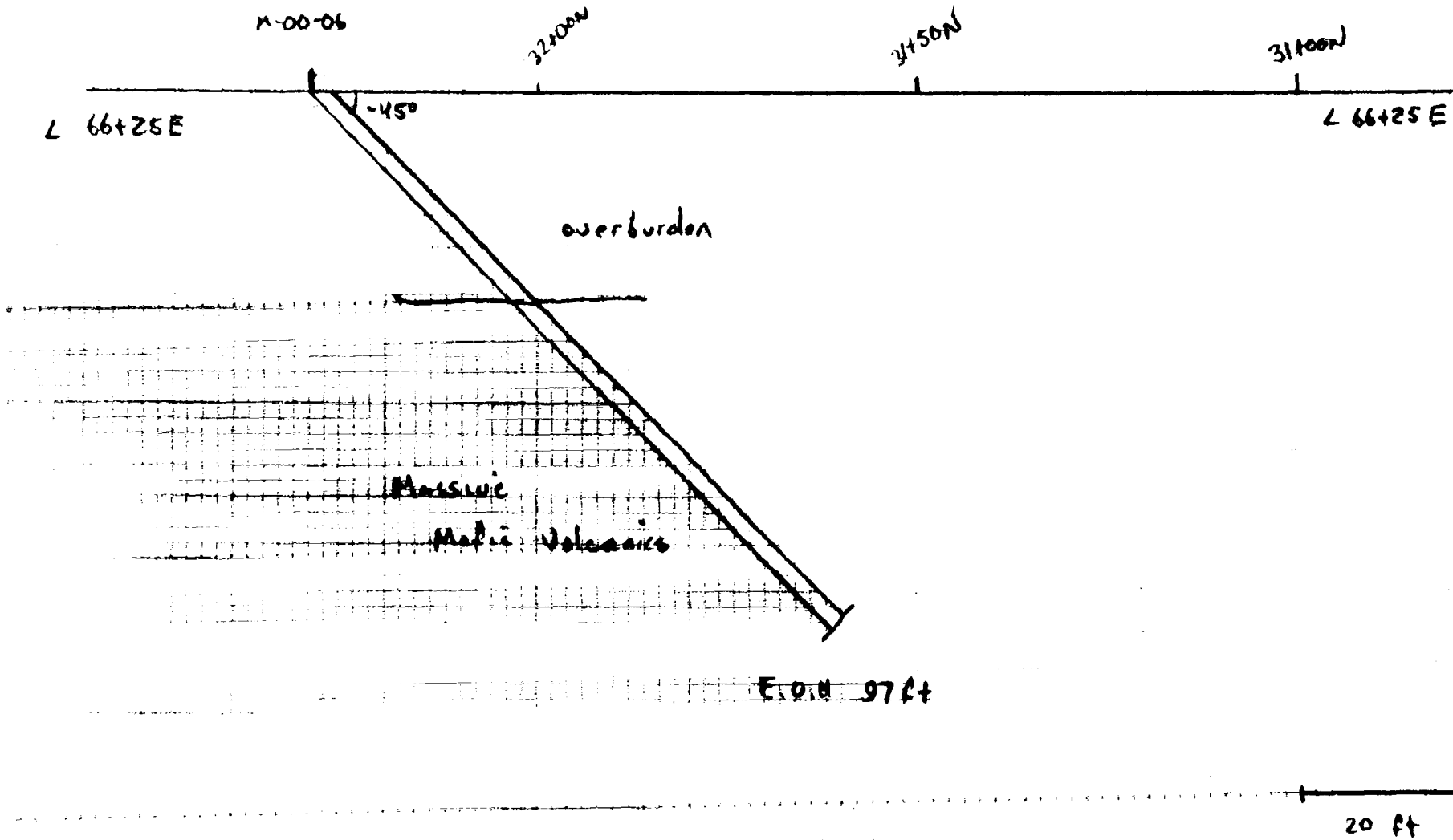


Obradovich Exploration  
Matachewan Project

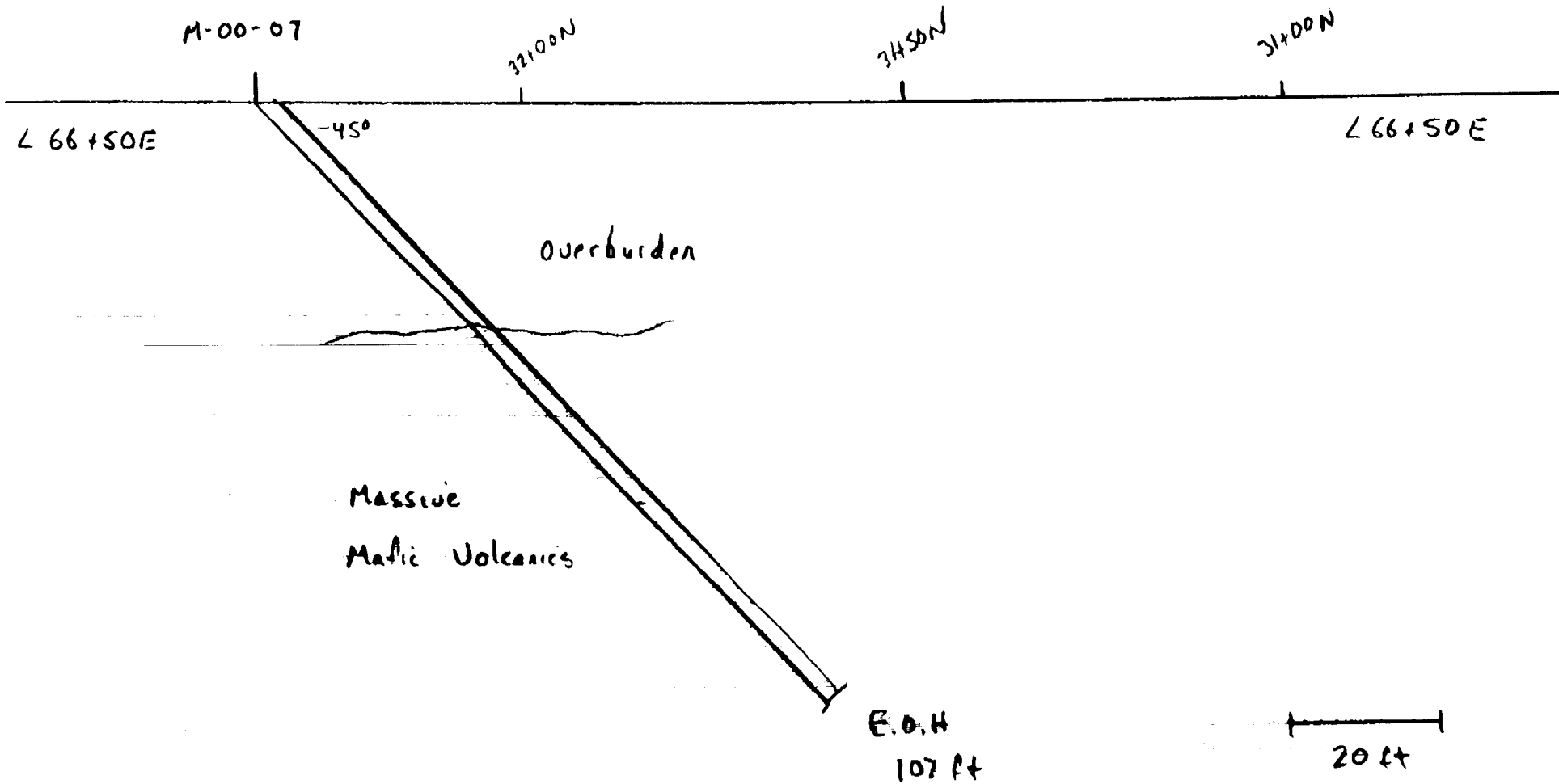
M-00-05

View East

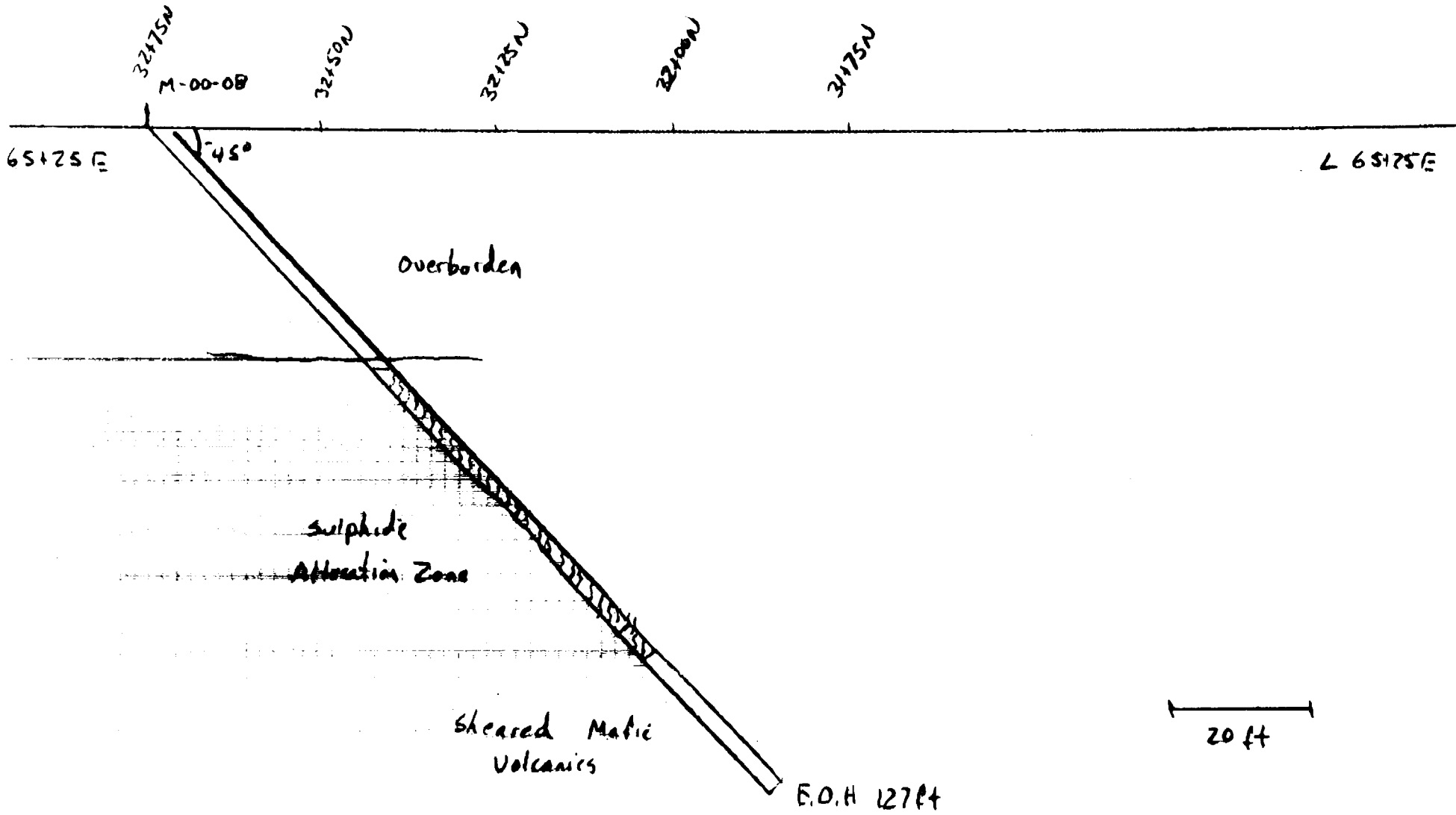
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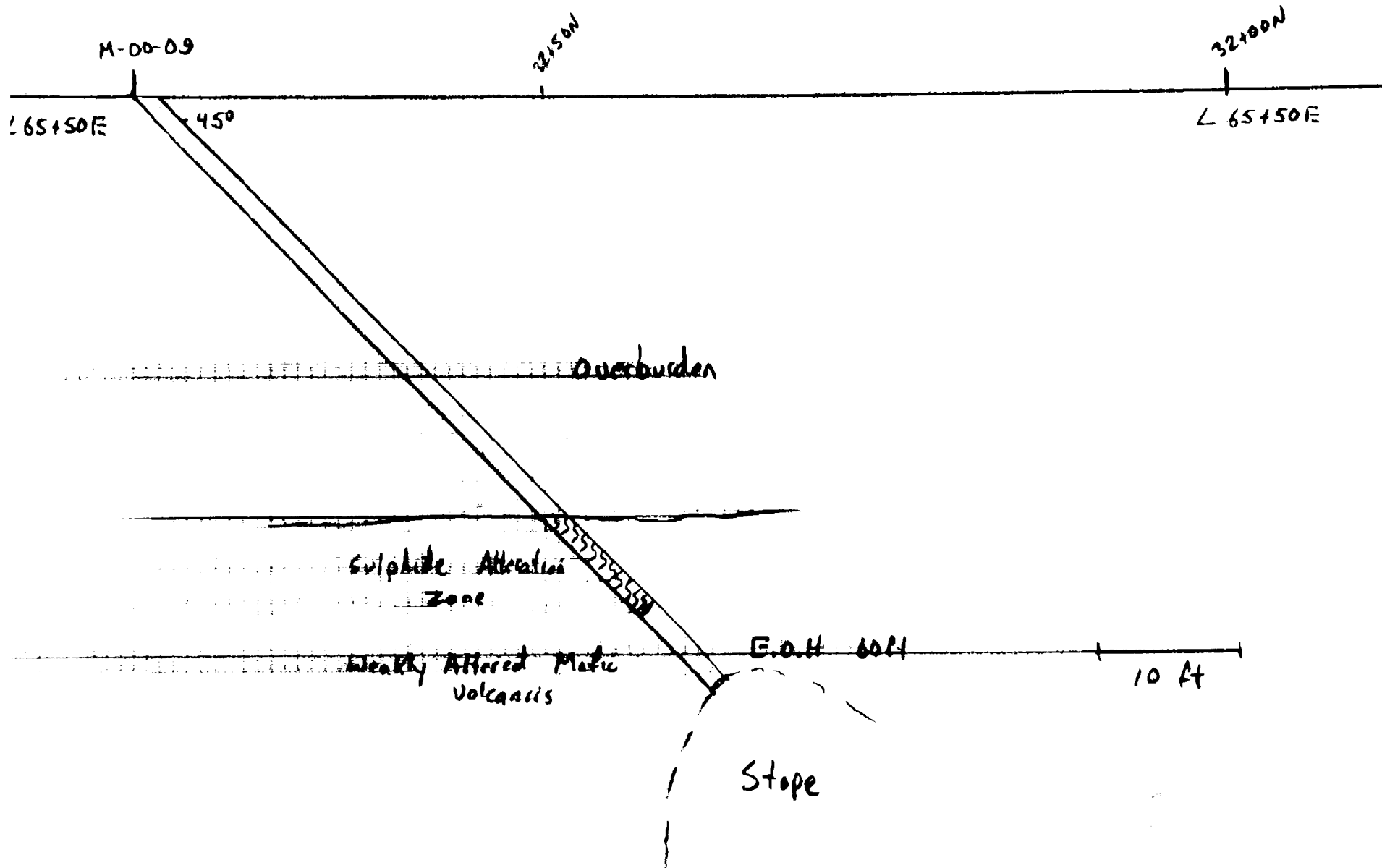
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 Matachewan Project  
 OOH M-00-06  
 View East  
 Scale 1" = 20 ft



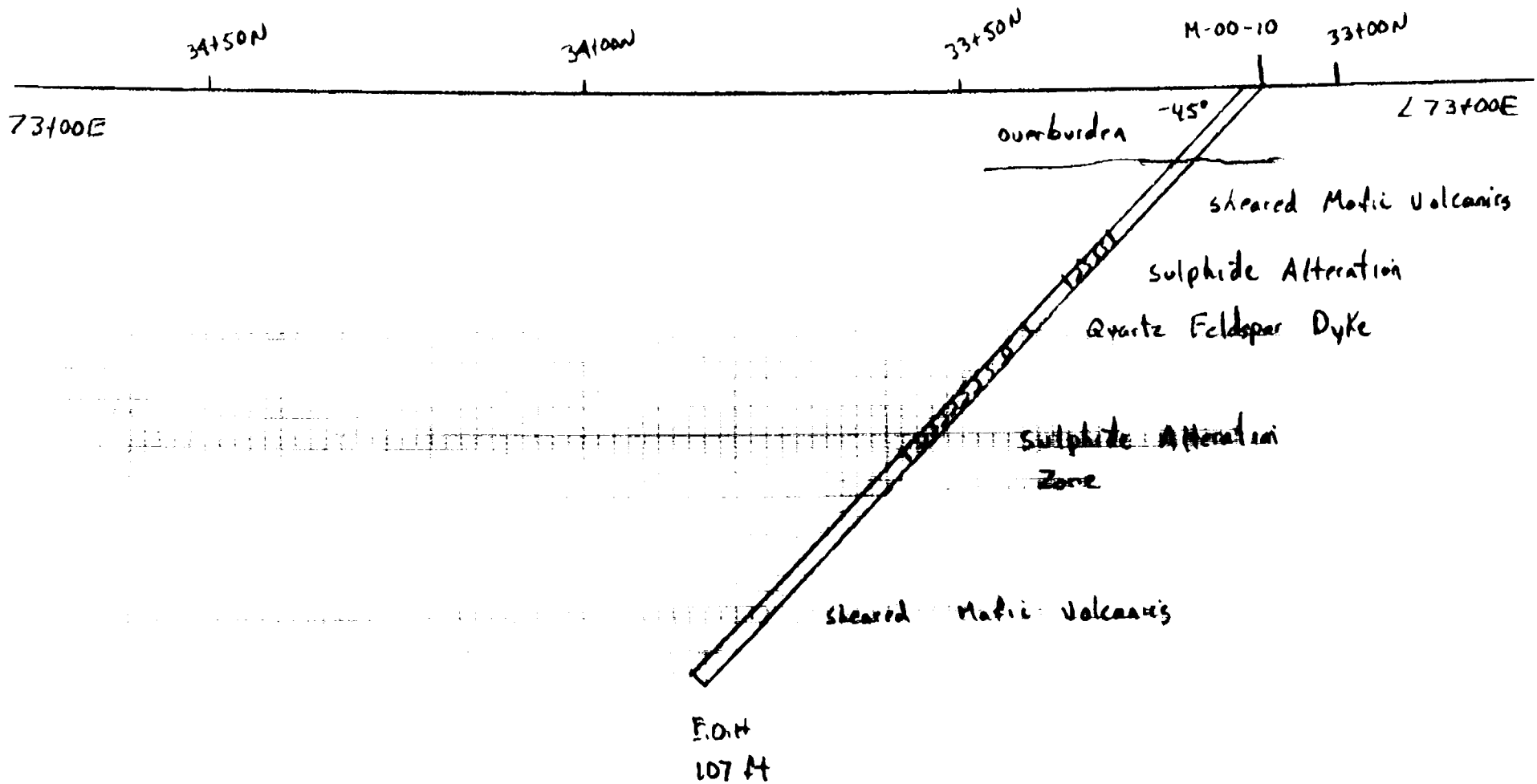
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Matachewan Project  
DDH M-00-07  
View East  
Scale 1" = 20 ft



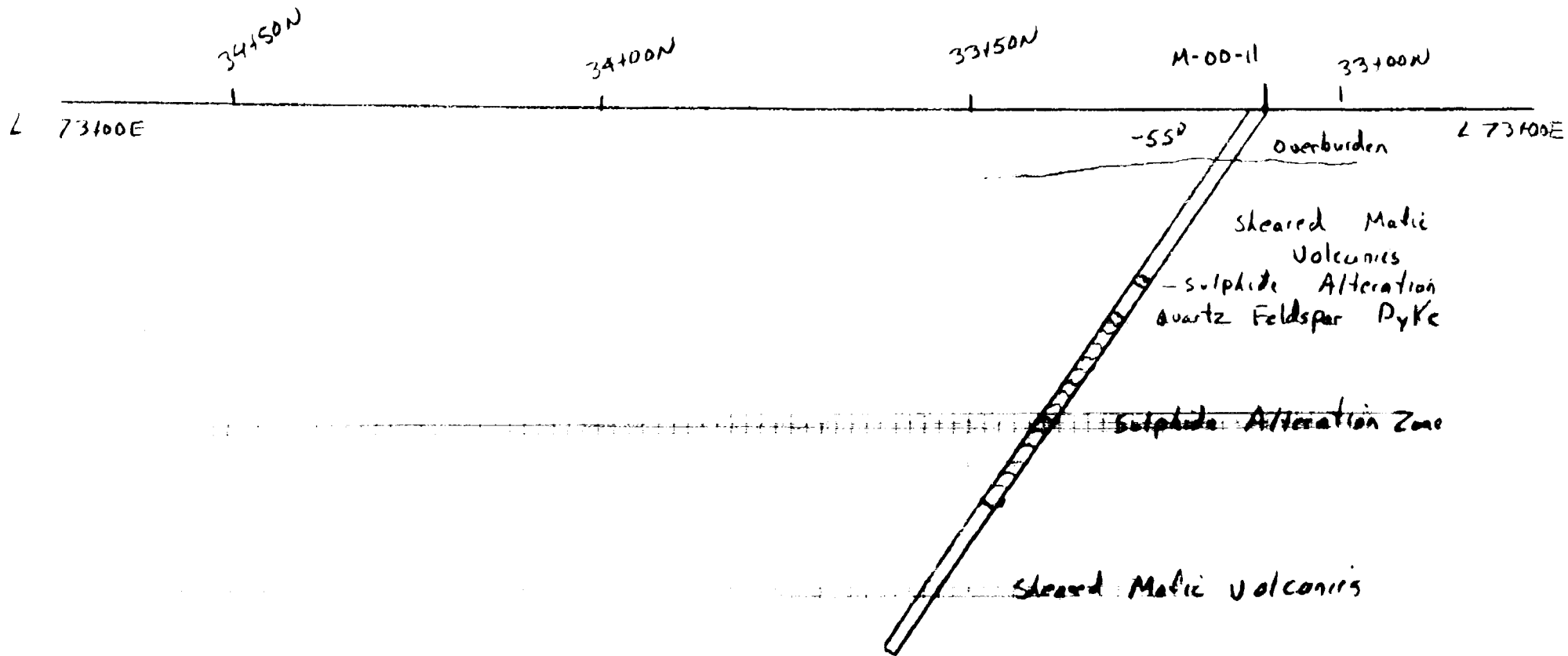
Obrodovich Exploration  
 Matachewan Project  
 DDH M-00-08  
 View East  
 1" = 20 ft



Obradovich Exploration  
 Matachewan Project  
 DDH M-00-09  
 View East  
 Scale 1" = 10 ft



Obradowich Exploration  
 Matachewan Project  
 DDH M-00-10  
 View East  
 Scale 1" = 20ft



Obradowich Exploration  
 Matachewan Project  
 DOH M-00-11  
 View East  
 Scale 1" = 20ft

## Work Report Summary

Transaction No: W0180.00125 Status: APPROVED  
 Recording Date: 2001-MAR-09 Work Done from: 2000-NOV-12  
 Approval Date: 2001-JUN-06 to: 2000-NOV-25

**Client(s):**

177382 OBRADOVICH, THOMAS JOHN  
 392529 3652378 CANADA INC.

**Survey Type(s):**

PDRILL

**Work Report Details:**

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 8000036	\$3,872	\$3,872	\$0	\$0	\$3,872	3,872	\$0	\$0	
G 8000682	\$17,424	\$17,424	\$0	\$0	\$8,128	8,128	\$9,296	\$9,296	
L 1225807	\$0	\$0	\$2,000	\$2,000	\$0	0	\$0	\$0	2002-MAR-11
L 1225808	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2002-MAR-11
L 1225809	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-MAR-11
L 1225810	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2002-MAR-11
L 1238861	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-JUN-02
L 1238862	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-JUN-02
L 1238863	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2002-JUN-02
L 1238864	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2002-JUN-02
L 1238865	\$0	\$0	\$3,600	\$3,600	\$0	0	\$0	\$0	2002-JUN-02
	<u>\$21,296</u>	<u>\$21,296</u>	<u>\$12,000</u>	<u>\$12,000</u>	<u>\$12,000</u>	<u>\$12,000</u>	<u>\$9,296</u>	<u>\$9,296</u>	

External Credits: \$0

**Reserve:**

\$9,296 Reserve of Work Report#: W0180.00125

\$9,296 Total Remaining

Status of claim is based on information currently on record.



41P15NE2015 2.20968 POWELL



Date: 2001-JUN-06

GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

THOMAS JOHN OBRADOVICH  
P.O. BOX 1146  
KIRKLAND LAKE, ONTARIO  
P2N 3M7 CANADA

Tel: (888) 415-9845  
Fax: (877) 670-1555

**Submission Number:** 2.20968  
**Transaction Number(s):** W0180.00125

Dear Sir or Madam

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.gov.on.ca) or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski  
Supervisor, Geoscience Assessment Office

**Cc:** Resident Geologist

Thomas John Obradovich  
(Claim Holder)

3652378 Canada Inc.  
(Claim Holder)

Assessment File Library

Thomas John Obradovich  
(Assessment Office)

