



52G14SE0053 52G14SE0033 VALORA LAKE

010

Diamond Drilling

Area of Valora Lake

Report No 12

Work performed by: Mattagami Lake Mines

Claim No	Hole No	Footage	Date	Note	
PA.225657	SL-F-70-4	705'	Mar/70		
	SL-F-70-5	867'	Mar/70		
	SL-F-70-6	370'	Apr/70		
	SL-F-70-7	884'	April/70		
	SL-F-70-8	826'	April/70		
	SL-F-70-9	631'	April/70		
	PA.225660	SL-F-10	811'	Apr-May/70	
	PA.225659	SL-F-11	429'	April/70	
	PA.225658	SL-F-12	520'	April-May/70	
Pa.211905	SL-F-70.23	580'	Oct/70		

NOTE: Autopositive for large map in envelope at back of Report No. 10

Total: 10 DH 6623'

Notes: 226/70
340/71

NATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	STURGEON LAKE ANOMALY 'F'	LATITUDE	1614 + 00 NORTH	STARTED	March 13, 1970	Footage	Corrected	DIP TEST Footage	Corrected	Footage	Corrected
HOLE NO.	SL-F-70-4	DEPARTURE	833 ± 00 EAST	FINISHED	March 13, 1970	100	38° 00'	400	24° 00'	700	20° 00'
BEARING	170° 00'	ELEVATION	SURFACE	LENGTH	705 Feet	200	32° 00'	500	23° 00'		
DIP-COLLAR	-55°	SECTION	67 + 00 WEST	LOGGED BY	J. D. HARVEY, P. P. GRIGGS	300	26° 00'	600	21° 00'		

FOOTAGE		DESCRIPTION	Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS											
From	To				From	To	Length	Au	Ag	Zn	Cu	Pb							
0	18.0	CASING																	
18.0	106.0	FRAGMENTAL RHYOLITE. Medium grey, fine grained, acid volcanic tuff, massive occasional dacitic, but generally fragmental rhyolite with white, ovoid porphyroblastic xls up to 1/2 inch in diameter.																	
		18.0-51.4: Fragmental Rhyolite but occasional Dacite bands, white carbonate stringers, 1-2% disseminated pyrite.																	
		51.4-63.5: Dike, massive, well oxidized intrusive dike with cubic pyrite crystals and vugs.																	
		63.5-106.0: Fragmental Rhyolite, shearing 30° to core axis 2-3% disseminated pyrite and pyrite blebs.																	
106.0	125.5	SEMI-MASSIVE SULPHIDES 30-50% blebs and bands pyrite, minor chalcopyrite, Medium grey, fragmental Rhyolite host rock, massive, minor Chlorite alteration associated with pyrite.	30-50py	7736	106.1	111.1	5.0	Tr.	.12	.40	Tr.	Nil.	Nil.	Nil.					
				7737	111.1	116.1	5.0	Tr.	Nil.	.10	Tr.	Nil.	Nil.	Nil.					
				7738	116.1	121.1	5.0	Tr.	Nil.	Tr.	Nil.	Nil.	Nil.	Nil.					
				7739	121.1	125.6	4.0	Tr.	.17	.10	.15	Nil.	Nil.	Nil.					
125.5	273.0	FRAGMENTAL RHYOLITE Same as 18.0-106.0, minor, <1% disseminated pyrite																	
		154.2-155.6 Dike, mainly altered to talc with 30% up to 1.16 inch black amphibole phenocrysts.																	
		237.5-241.0: 5-10% brown carbonate alteration, patches and blebs. 238.7-239.3: 30% pyrite bands.																	
273.0	306.5	PORPHYRITIC RHYOLITE Light to medium grey-green, fine grained, massive, acid volcanic, fragmental with up to 20% ovoid, porphyroblastic white crystals but main feature is clear to brown up to 40% qtz-eyes up to 1/8" in dia. brown carbonate alteration and shearing throughout, 1-2% pyrite crystals, and blebs, top ctct. indistinct, interbanding of porphyritic rhyolite and fragmental rhyolite.																	
306.5	314.0	DACITE Dark grey, massive, acid to intermediate volcanic, fine grained sharp contacts, 10% barren, white quartz-carbonate stringers @ 60° to core axis.																	

[Handwritten signature]

FOOTAGE		DESCRIPTION	mineralization	SAMPLE NO.	FOOTAGE			ASSAYS							
From	To				From	To	Length	Au	Ag	Zn	Cu	Pb			
314.0	320.0	FRAGMENTAL & PORPHYRITIC RHYOLITE. Light grey, massive, fine grained, acid volcanic matrix with mixture of qtz-eyes and porphyroblastic crystals brown carbonate alteration of porphyroblastic crystals, faint tuffaceous banding @ 60° to core axis.													
370.0	390.6	Light grey-brown, massive, fine grained, acid volcanic brecciated with black interstices, occasionally fragmental with ovoid, porphyroblastic crystals replaced by creamy quartz-carbonate alteration.													
390.6	412.6	MASSIVE SULPHIDES 390.6-399.7: 60% ZnS, 30% pyrite, 10% chalcopyrite 399.7-412.6: 50% pyrite, dark green chloritic matrix, minor sphalerite	60ZnS, 30py, 10cpy 5sph, 30py, 10cpy 50py, 1sph	7740 7741 7742 7743 7744	390.5 394.5 399.5 404.5 409.5	394.4 399.5 404.5 403.5 413.0	4.0 5.0 5.0 5.0 3.5	.003 .003 Tr. Tr. Tr.	.05 .06 .06 Nil Nil	26.20 .90 1.20 30 30	.07 Nil .03 Nil Nil	Nil Nil Nil Nil Nil			
412.6	440.8	PORPHYRITIC RHYOLITE Medium grey, fine grained, acid volcanic, sometimes massive, but mainly porphyritic with 20% quartz-eyes, occasionally fragmented with ovoid, porphyroblastic crystals, slightly brecciated throughout.													
	412.6-431.5	5-10% sulphides, mainly pyrite with minor Sphalerite and chalcopyrite, contorted banding red feldspathic banding	7py, 2sph, 1cpy 5py, 2sph, 1cpy 5py, 2sph, 1cpy 8py, 2sph	7745 7746 7747 7748	413.0 418.0 423.0 428.0	428.0 423.0 428.0 432.0	5.0 5.0 5.0 4.0	Tr. .003 Tr. Nil	Nil Nil Nil Nil	.1 1.1 .4 .1	Nil Nil Nil Nil	Nil Nil Nil Nil			
	431.5-440.5	20% sulphides, 15% pyrite, 5% sphalerite, 1-2% chalcopyrite, moderate chloritic alteration brown carb.	15py, 5sph, 1cpy 15py, 5sph	7749 7750	432.0 437.0 437.0 442.0	437.0 442.0	5.0 5.0	Nil Tr.	Nil Nil	Tr. 1.0	Nil .07	Nil Nil	Nil Nil		
440.8	476.5	MASSIVE SULPHIDES 440.8-452.0: 80% sphalerite, 10% pyrite 452.0-461.0: 50% pyrite, 30% sphalerite, 15% chalcopyrite 461.0-475.0: 35% pyrite, 15% chalcopyrite, 1-3% sphalerite, Slight chloritic alteration.	80sph, 10py 80sph, 10py 50py, 30sph, 15cpy 50py, 30sph, 15cpy 35py, 15cpy, 2sph 35py, 15cpy, 3sph 35py, 15cpy, 2sph	7751 7752 7753 7754 7755 7756 7757	442.0 447.0 452.0 452.0 455.0 461.0 466.0 471.0 475.0	447.0 452.0 455.0 455.0 461.0 466.0 471.0 475.0	5.0 5.0 4.0 5.0 5.0 5.0 4.0	Tr. .005 .005 .004 .003 Tr. .003	.12 .47 1.22 .47 .82 1.28 .41	35.60 19.80 25.20 8.3 3.4 6.9 1.40	.04 .73 1.32 Nil .63 1.00 .34	.04 Nil Nil Nil Nil Nil Nil			
476.5	503.5	RHYOLITE TUFF Light grey, fine grained, banded, acid volcanic tuff, slightly brecciated with occasional dark green chloritic bands with pyrite and chalcopyrite 3-5% pyrite generally throughout. 498.4-499.4: Lamprophyre Dike	3py 5py, 1cpy 3py 3py 5py, 1cpy 3py	7758 7759 7760 7761 7762 7763	475.0 480.0 485.0 490.0 495.0 500.0 505.0	480.0 435.0 490.0 495.0 500.0 505.0	5.0 5.0 5.0 5.0 5.0 5.0	Tr. Tr. Tr. Nil Nil Nil	.06 Nil Nil Nil Nil Nil	.2 .2 .1 .1 .1 .3	.06 .03 .06 Tr. Tr.	Nil Nil Nil Nil Nil Nil			
503.5	632.5	PORPHYRITIC RHYOLITE Medium grey, fine grained, fragmental and volcanic, massive with 20-30% qtz-eyes, up to 1/16" in dia. and occ. fragments of porphyroblastic crystals altered to creamy to brown carbonate. 503.5-601.5: 3-5% disseminated pyrite throughout.													
	503.5-601.5	3-5% disseminated pyrite throughout.	5py 3py 3py 3py	7764 7765 7766 7767	505.0 510.0 515.0 520.0	510.0 515.0 520.0	5.0 5.0 5.0 5.0	.001 Tr. Tr. Tr.	Nil Nil Nil Nil	.2 .6 .2 .3	Tr. .02 .03 Nil	Nil Nil Nil Nil			

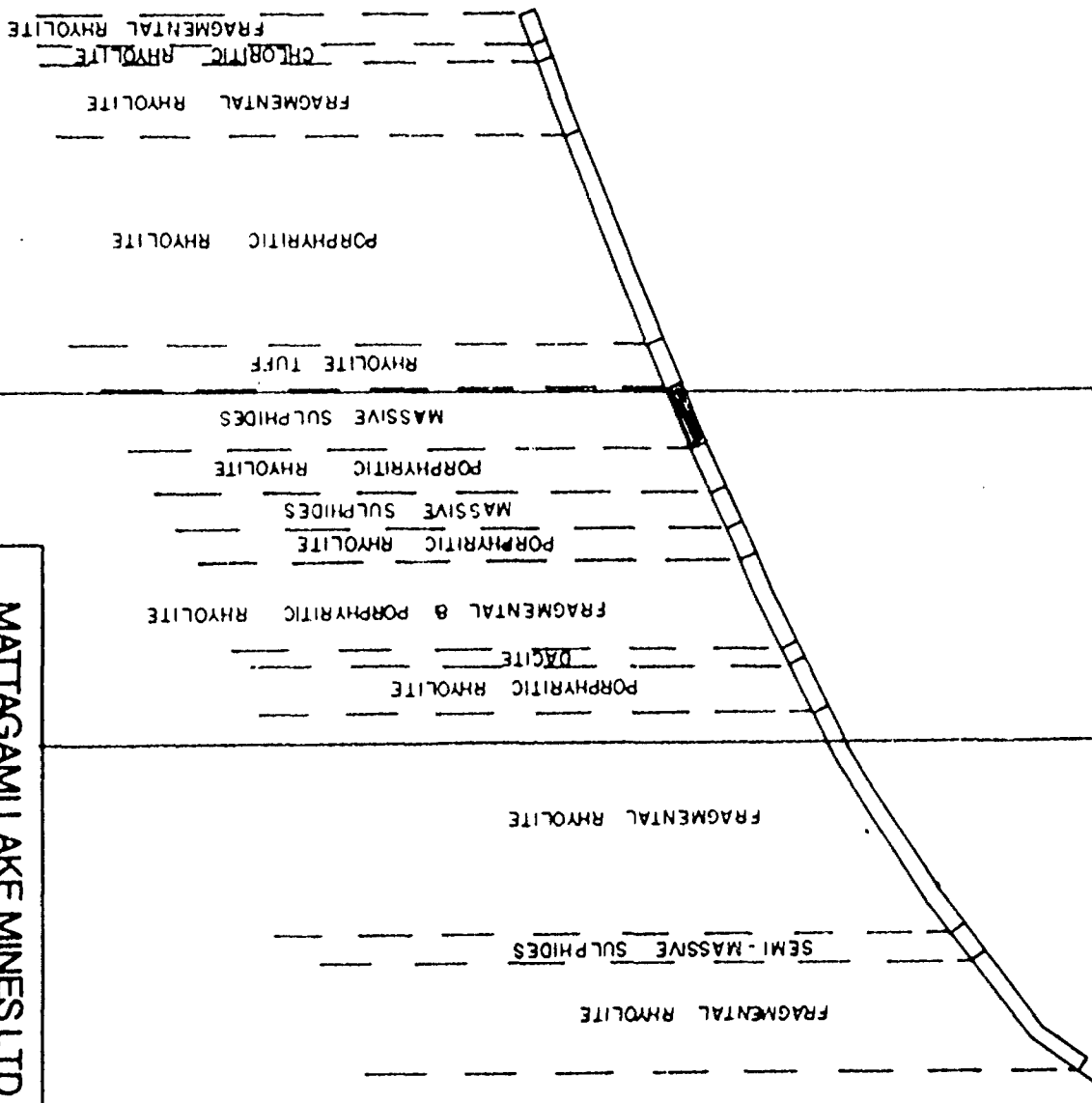
Surface

BASE LINE 100+00N

Az. 78°

100+211

SL-F-70.4



Scale
100'

MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION

PROJECT: STURGEON LAKE - GROUP 'F'

SECTION: 67+00W

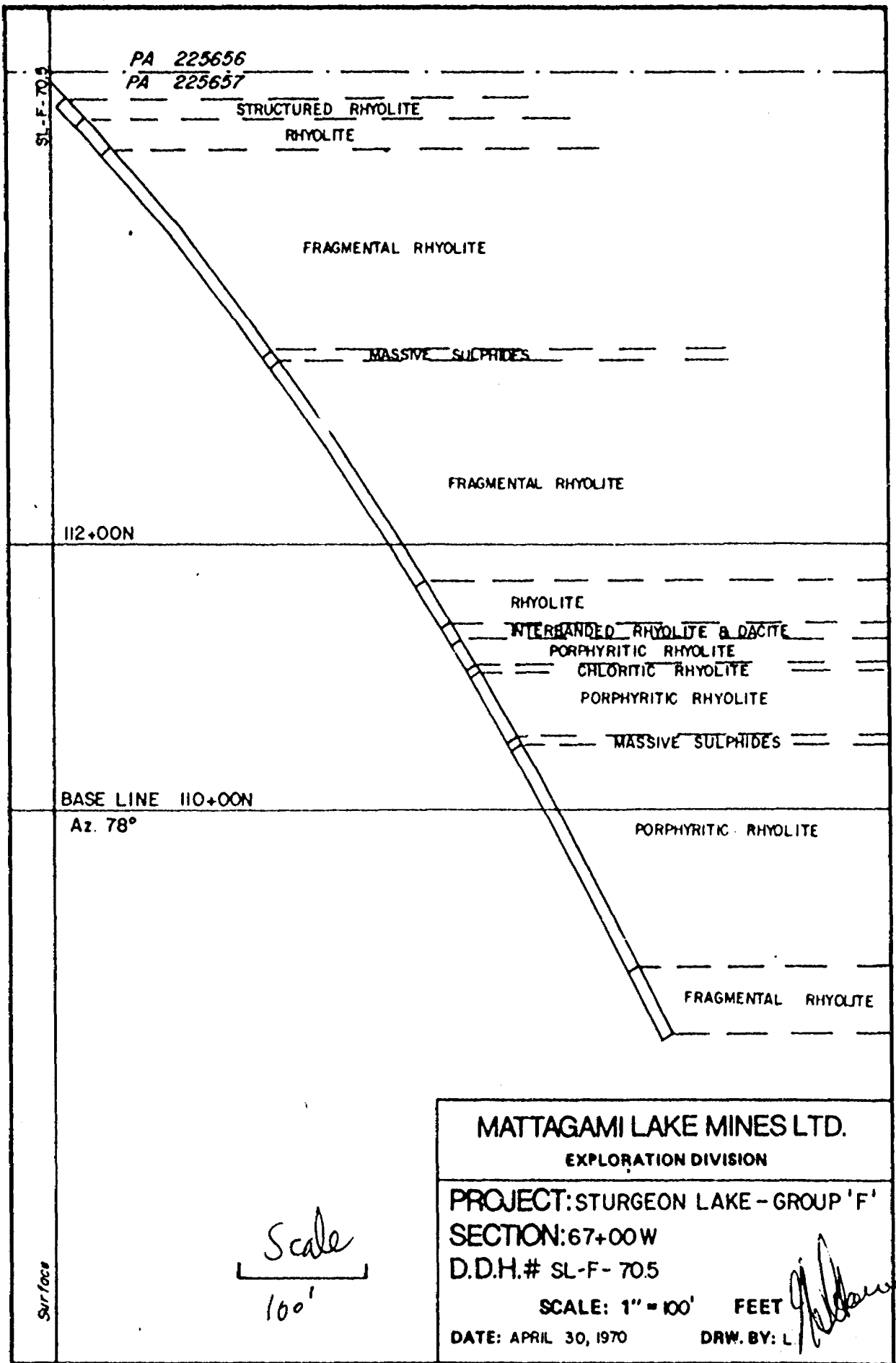
D.D.H.# SL-F-70.4

SCALE: 1" = 100 FEET

DATE: APRIL 30, 1970

DRW. BY: L. J.

FOOTAGE	DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE			ASSAYS						
				From	To	Length	Au	Ag	Zn	Cu	Pb		
559.1 - 616.0	PORPHYRITIC RHYOLITE Light grey, fine grained massive, acid volcanic with up to 30% dark blue "qtz-eyes" and up to 20% white feldspar phenocrysts generally non-coexistent; 25% creamy-brown carbonate alteration and minor chlorite alteration; slightly sheared @ 30° to core axis; Sulphide mineralization, 2-3% pyrite in stringers and blebs.												
606.8-609.1	Lamprophyre Dike Medium green, fine grained, massive, intermediate intrusive, some creamy-brown carbonate alteration.												
610.0-616.0	5% scattered sulphides including pyrite with possible chalcopryite	Spy, tr. cpy	12656	610.0	616.0	6.0	Tr.	Nil	2	Nil	Nil		
621.3	MASSIVE SULPHIDES 70-75% massive sulphides with 65% pyrite and 18-15% chalcopryite	65py, 10cpy 5py, 5cpy	12657 12658	616.0 620.4	620.4 622.7	4.4 2.3	Tr.	.93	7.6	1.18	Nil		
621.3 - 811.1	PORPHYRITIC RHYOLITE Similar to that found from 559.1-616.0. 621.3-747.0 5-10% disseminated pyrite with minor cpy 747.0-811.1 1-2% finely disseminated pyrite												
		5py, tr. cpy	12659	622.7	627.4	4.7	Tr.	.06	.4	.10	Nil		
		10py, tr. cpy	12660	627.4	632.4	5.0	Tr.	Nil	1	.02	Nil		
		15py, tr. cpy	12661	632.4	634.9	2.5	Tr.	Nil	2	.22	Nil		
		5py, tr. cpy	12662	634.9	639.9	5.0	Tr.	Nil	Nil	.05	Nil		
		20py, tr. cpy	12663	639.9	642.7	2.8	Tr.	Nil	Nil	Nil	Nil		
		10py, tr. cpy	12664	642.7	647.3	4.6	Tr.	Nil	Nil	Nil	Nil		
		10py, tr. cpy	12665	647.3	652.7	5.4	Tr.	Nil	Nil	Nil	Nil		
		5py, tr. cpy	12666	652.7	657.7	5.0	Tr.	Nil	Nil	.14	Nil		
		"	12667	657.7	662.0	4.3	Tr.	Nil	Nil	.14	Nil		
		"	12668	662.0	668.4	6.4	Tr.	Nil	Nil	Nil	Nil		
		"	12669	668.4	676.1	7.7	Tr.	Nil	Nil	Tr.	Nil		
		10py	12670	676.1	681.8	5.7	Tr.	Nil	Nil	Tr.	Nil		
		15py	12671	681.8	685.9	4.1	Tr.	Nil	Nil	Nil	Nil		
		"	12672	685.9	689.1	3.2	Tr.	Nil	Nil	Nil	Nil		
		10py	12673	689.1	694.5	5.4	Tr.	Nil	Nil	.02	Nil		
		5py	12674	694.5	699.3	4.8	Tr.	Nil	Nil	Nil	Nil		
		10py	12675	699.3	704.3	5.0	Tr.	Nil	Nil	.02	Nil		
		5py	12676	704.3	709.0	4.7	Tr.	Nil	Nil	.04	Nil		
		"	12677	709.0	714.0	5.0	Tr.	Nil	Nil	.05	Nil		
		"	12678	714.0	719.0	5.0	Tr.	Nil	Nil	.02	Nil		
		10py	12679	719.0	724.4	5.4	Tr.	Nil	Nil	Nil	Nil		
		5py	12680	724.4	729.9	5.5	Tr.	Nil	Nil	.02	Nil		
		5py	12681	729.9	732.0	2.1	Tr.	Nil	Nil	Nil	Nil		
		"	12682	732.0	735.0	3.0	Tr.	Nil	1	.02	Nil		
		5py	12683	735.0	736.5	1.5	Tr.	Nil	4	Nil	Nil		
		10py	12684	736.5	743.0	6.5	Tr.	Nil	8	Tr.	Nil		
		5py	12685	743.0	747.0	4.0	Tr.	Nil	3	Nil	Nil		
867.0	FRAGMENTAL RHYOLITE Medium gray, fine grained, massive, acid volcanic with fragments up to 3/8 inch in diameter with creamy-brown carbonate alteration in the centre of the fragments, slight chloritic alteration. 860.5-867.0 2-3% pyrite, 1% cpy, red feldspathic alteration.												
867.0	END OF HOLE												



PA 225656
PA 225657

STRUCTURED RHYOLITE
RHYOLITE

FRAGMENTAL RHYOLITE

MASSIVE SULPHIDES

FRAGMENTAL RHYOLITE

112+00N

RHYOLITE

INTERBANDED RHYOLITE & DACITE

PORPHYRITIC RHYOLITE

CHLORITIC RHYOLITE

PORPHYRITIC RHYOLITE

MASSIVE SULPHIDES

BASE LINE 110+00N

Az. 78°

PORPHYRITIC RHYOLITE

FRAGMENTAL RHYOLITE

MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION

PROJECT: STURGEON LAKE - GROUP 'F'
SECTION: 67+00W
D.D.H.# SL-F-705

SCALE: 1" = 100' FEET

DATE: APRIL 30, 1970

DRW. BY: L. [Signature]

Scale
100'

Surf face

CATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY		LATITUDE	STARTED	DIP TEST	
STURGEON LAKE GROUP		1009 - 28 NORTH	April 3, 1970	Footage	Corrected
DRILL NO.	DEPARTURE	FINISHED	Footage	Corrected	Footage
SL-F-7016	833 - 00 WEST	April 6, 1970	100	45°	
DRIFT	ELEVATION	LENGTH	Footage	Corrected	Footage
350° 00'	SURFACE	370.0'	200	44°	
COLLAR	SECTION	LOGGED BY	Footage	Corrected	Footage
45°	67 + 00 WEST	A. A. I.	300	43°	

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE			ASSAYS					
From	To				From	To	Length	Au	Ag	Zn	Cu	Pb	
0.0	54.0'	CASING (OVERBURDEN, SAND, GRAVEL)											
54.0	84.0	BRECCIATED RHYOLITE											
		Light grey, cream, occ. brown strgs. & bands, massive, very fine grained, hard, highly siliceous, brecciated, black inclusions, occ. fragmental with ovoid porphyroblastic crystals replaced by creamy qtz. carb. alterations py. bands strgs. and threads, occ. appears in small sections as sheared rhyolite occ. blue "qtz-eyes", occ. vugs, iron staining.	25py	16001	54.0	56.0	2.0	Nil	Nil	Nil	Nil	Nil	Nil
			20py	16002	56.0	60.0	4.0	Nil	Nil	Nil	Nil	Nil	Nil
			10py	16003	60.0	65.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			30py	16004	65.0	70.0	5.0	Nil	Nil	.2	Tr.	Nil	Nil
			30py	16005	70.0	70.0	0.0	Nil	Nil	.2	Nil	Nil	.04
			5py	16006	75.0	78.0	3.0	Nil	Nil	Nil	Nil	Nil	Tr.
		54.5 - 4" py band, 57.0 - 2" py band. 78.0 - 84.0' LOST CORE											
		Sulphides, mainly py., 54.0-60.0' 20-25%, 60.0'-78.0' 1-5%											
84.0	103.0	SHEARED RHYOLITE											
		Light grey, occ. brown bandings, moderate to heavily sheared, shearing/schistosity 75° to C.A. occ. py. lines and threads along shearings, occ. blue "qtz-eyes", highly siliceous, occ. vugs, ironoxide staining, occ. brecciated in parts py. blebs, strgs. and threads.	2py, po	16007	84.0	88.0	4.0	Tr.	Nil	Nil	Nil	Nil	Nil
			7py	16008	88.0	91.0	3.0	Tr.	Nil	Nil	Nil	Nil	Nil
			10py, po	16009	91.0	96.0	5.0	Nil	Nil	.2	Nil	Nil	Nil
			5py, po	16010	96.0	99.0	3.0	Nil	Nil	Nil	Nil	Nil	Nil
			5py	16011	99.0	103.0	4.0	Nil	Nil	Nil	Nil	Nil	Nil
		Sulphides mainly py., occ. assoc. with po. 84.0-98.0' 2% 88.0'-103.0' 5-10%											
103.0	225.0	FRAGMENTAL RHYOLITE											
		Light to medium grey, hard, highly siliceous, subangular ovoid, occ. angular 1-3mm, occ. 3-7mm in size, white qtz fragments, highly chloritized, occ. blue "qtz-eyes", occ. minor py. blebs and stringers.	1py	16012	103.0	103.0	0.0	Tr.	Nil	.3	Tr.	Nil	Nil
			3py, tr. cp	16013	133.0	138.0	5.0	Tr.	.06	.1	Nil	Nil	Nil
			1py, lpo	16014	138.0	143.0	5.0	Tr.	.12	.1	Tr.	Nil	Nil
		143.0'-144.0' LOST CORE											
		175.0'-179.0' LOST CORE											
			1py, po	16016	149.0	154.0	5.0	Tr.	.12	Nil	Nil	Nil	Nil
			7py	16017	212.0	217.0	5.0	Tr.	.17	Nil	Nil	Nil	Nil
			1py	16018	217.0	222.0	5.0	Tr.	.58	Nil	Nil	Nil	Nil
			1py	16019	222.0	225.0	3.0	Tr.	.06	Nil	Nil	Nil	Nil
225.0	245.0	SEMI-MASSIVE SULPHIDES											
		Host rock dark grey fragmental rhyolite, moderately chloritized and altered. Mainly sulphide mineralization of pyrite with traces of sph. and occ. cpy.	35py, tr. sp	16020	225.0	227.0	2.0	Tr.	.17	.0	Nil	Nil	Nil
			2py	16021	227.0	230.0	3.0	Tr.	.06	.1	Nil	Nil	Nil
			25py, tr. sp, tr. cp	16022	230.0	235.0	5.0	Tr.	.06	.7	.02	Nil	Nil
			15py, 2sp, tr. cp	16023	235.0	240.0	5.0	Tr.	.12	.4	.04	Nil	Nil
			10py, 3sp, tr. cp	16024	240.0	245.0	5.0	Tr.	.70	6.4	.02	.24	Nil
			2py	16025	245.0	250.0	5.0	Tr.	Nil	.4	Nil	Nil	Nil
		296.0-300.0 BROKEN CORE											
		300.0-309.0 LOST CORE											
			Tr. py	16027	255.0	260.0	5.0	Nil	Nil	.2	Nil	Nil	Nil
			tr. py	16028	250.0	265.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil

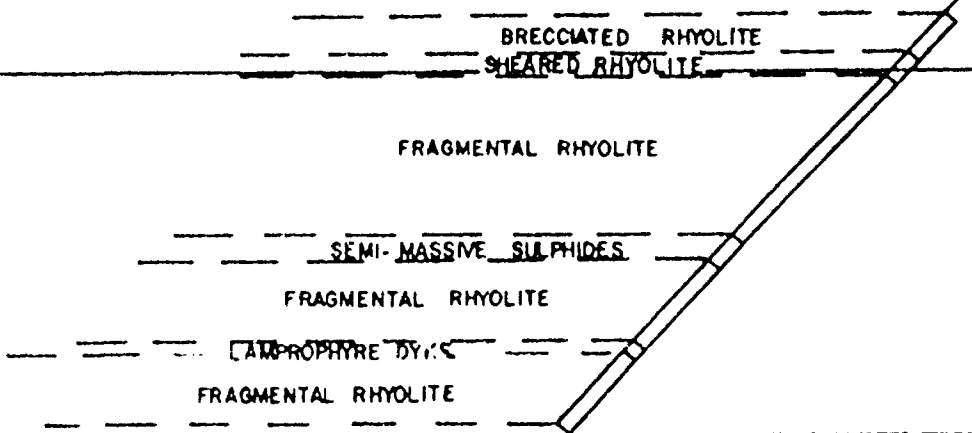
FOOTAGE		DESCRIPTION	SAMPLE NO	FOOTAGE		ASSAYS
From	To			From	To		Length
309.2'	315.0'	<p>LAMPROPHYRE DYKE</p> <p>Medium grey, massive, speckled, intrusive volcanic very fine grained near contacts. upper & lower contact @ 45° & 60° to C.A. respectively, occ. fine p; cubes.</p>				
315.0'	370.0'	<p>FRAGMENTAL RHYOLITE</p> <p>315.0'-340.0' Light grey, lightly chloritized, highly siliceous coarse fragments occ. 1.5 cm in size, yellowish carb. alterations.</p> <p>340.0'-370.0' Light grey occ. cream, very hard, 98% siliceous with coarse fragments up to 3 cm in diameter, very lightly chloritized occ. brecciated in parts, it appears that it is gradational stage between fragmental rhyolite and brecciated rhyolite.</p>				
	370.0'	<p>END OF HOLE.</p> <p><i>10/2/61</i></p>				

M. J. Allen

SL-F-70.6

BASE LINE 110+00N
Az. 78°

112+00N



Scale
160'

MATTAGAMI LAKE MINES LTD.

EXPLORATION DIVISION

PROJECT: STURGEON LAKE - GROUP 'F'

SECTION: 67+00W.

D.D.H.# SL-F-70.6

SCALE: 1" = 100 FEET

DATE: APRIL 30, 1970

DHW, BY: L.I.

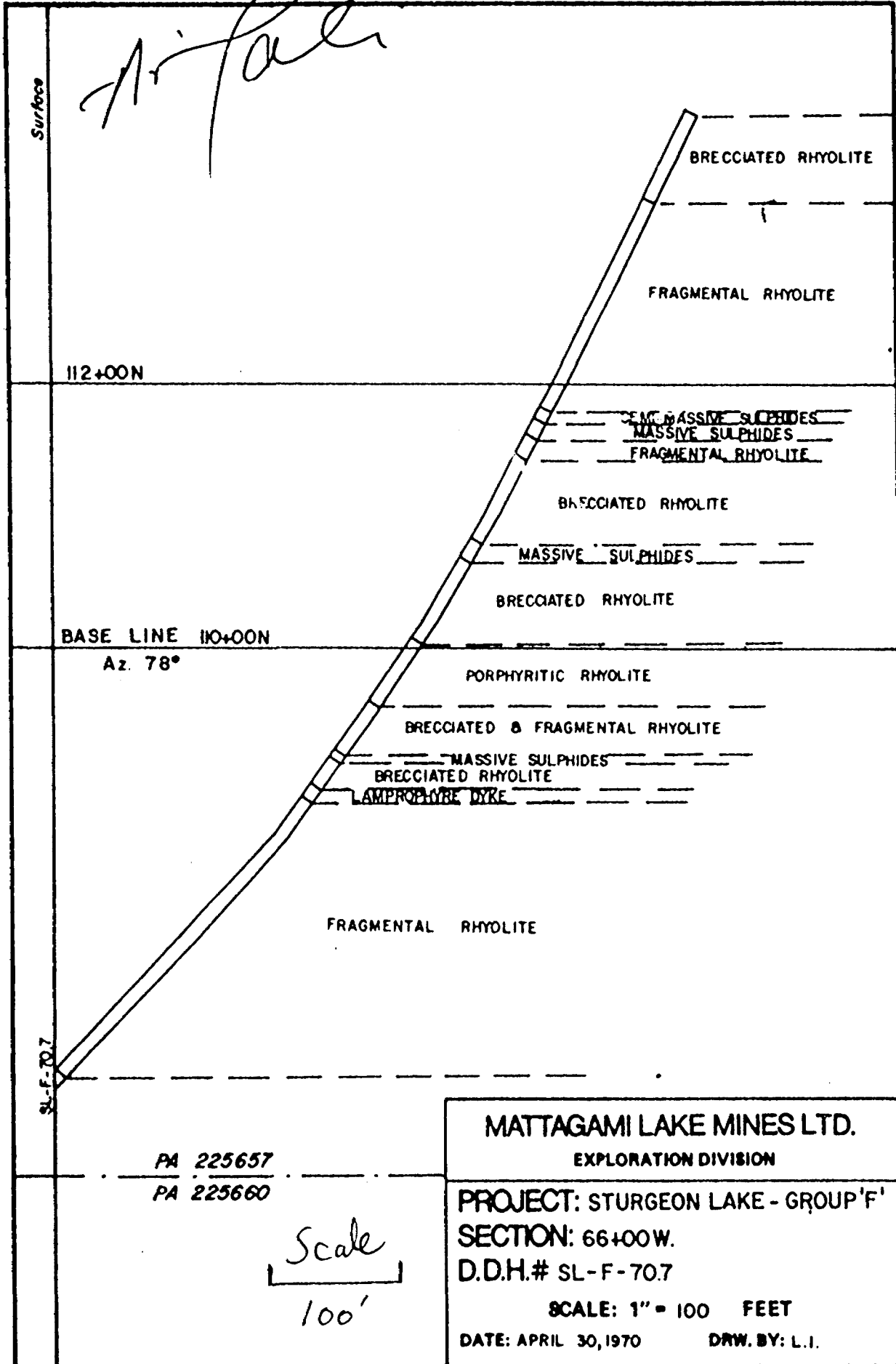
CATTAGAM LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	GROUP "F"	LATITUDE	1006 + 67 NORTH	STARTED	April 11, 1970	Footage	Corrected	DIP TEST	Footage	Corrected	Footage	Corrected
LE. NO.	SL-F-70/7	DEPARTURE	834 + 00 EAST	FINISHED	April 21, 1970	100'	44°	400'	35°30'	700'	28°30'	
DRIFT	350°	ELEVATION	SURFACE	LENGTH	884.0'	200'	42°30'	500'	32°00'	800'	27°00'	
COLLAR	-45°	SECTION	66 + 00 WEST	LOGGED BY	A. ALI	300'	37°00'	600'	28°30'			

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE NO.	FOOTAGE			ASSAYS				
From	To				From	To	Length	Au	Ag	Zn	Cu	Pb
0.0	10.0	CASING										
10.0	289.5	FRAGMENTAL RHYOLITE Light to medium gray, very fine grained, fragmental hard. Round and sub-angular white fragments 3-7 mm in size, very fine blue "qtz-eyes", white qtz phenos, lightly chloritized chl. strgrs. threads and lines occ. white qtz bands 2mm wide @ 45° to core axis disseminated vary minor pyrite.										
	91.0-104.0	Pink, buff, light brown and rusty bandings patches and spots of feldspar and mica due to iron oxidation respectively, vugs fractures and chloritized bands.										
	144.0-164.0	Decrease in fragmental material, appears interbedded with porphyritic rhyolite, occ pink potash xtl's and bands, minor disseminated py. gradationally changing to porphyritic rhyolite with the increase in depth.										
	164.0-166.0	APLITE DYKE. Light grey very fine grained, massive										
	166.0-274.0	Increase in fine blue "qtz-eyes", no decrease in fragments. It appears that porphyritic rhyolite is interbedded with fragmental rhyolite or the whole rock is pure porphyritic fragmental rhyolite. Disseminated py.	3py 15py 5py 2py 1py	16201 16202 16203 16204 16205	173.0 178.0 183.2 188.0 192.0	178.0 183.2 188.0 192.0 195.0	5.0 5.2 4.8 4.0 3.0	Tr. Tr. 008 005 Tr.	Nil Nil Nil Nil Nil	Nil Nil 1.0 Nil Tr.	Nil Nil .02 Nil Nil	Nil Nil Nil Nil Nil
	274.0-282.3	Large yellowish carb. alt. patches	1py	16206	195.0	200.0	5.0	Tr.	Nil	Nil	Nil	Nil
	282.3-283.6	LAMPROPHYRE DYKE? Contacts ground, light greenish grey fine to medium grained.	1py 5py	16207 16208	200.0 205.0	205.0 210.0	5.0 5.0	Tr. Tr.	Nil Nil	Nil Nil	Nil Nil	Nil Nil
	283.6-289.5	Dark green, highly chloritized and altered yuga. py. strgrs. and threads.	3py tr. py tr. py	16209 16210 16211	210.0 215.0 220.0	210.0 220.0 225.0	5.0 5.0 5.0	Tr. Tr. Tr.	Nil Nil Nil	Tr. Tr. Tr.	Tr. Nil Nil	Nil Nil Nil
	SULPHIDES	173.0-178.0 3%, 178.0-183.2 15% 183.2-289.5 1-5% (occ 5-10% section of tr < 1%, occ 5% section of more than 5%)	1py 1py 1py 2py, tr. cp 3py 7py 3py 5py 2py tr. py tr. py tr. py 7py 5py	16212 16213 16214 16215 16216 16217 16218 16219 16220 16221 16222 16223 16224 16225	225.0 230.0 235.0 240.0 245.0 250.0 255.0 260.0 265.0 270.0 275.0 280.0 283.6 286.5	230.0 235.0 240.0 245.0 250.0 255.0 260.0 265.0 270.0 275.0 280.0 283.6 286.5	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.6 2.9 3.0	Nil Nil Nil Tr. Tr. Nil Nil Tr. Tr. Tr. Nil Nil Nil Tr. Tr.	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr.	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Tr. Tr. Tr.

FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		ANOMALY	ASSAYS					
From	To			From	To		Tr.	Nil	Nil	Nil		
		FRAGMENTAL RHYOLITE (Cont'd)	2py	16140	695.0	700.0	5.0	.005	Nil	Tr.	Nil	Nil
			10py, tr. cp	16141	700.0	705.0	5.0	.005	Nil	Tr.	.05	Nil
			2py	16142	705.0	710.0	5.0	Tr.	Nil	Tr.	.02	Nil
			5py, < lcp	16143	710.0	715.0	5.0	Tr.	.17	.7	.15	Nil
			2py	16144	715.0	720.0	5.0	Nil	.06	.1	.02	Nil
			lpy 1	16145	720.0	725.0	5.0	Nil	Nil	Tr.	Nil	Nil
			tr. py	16146	725.0	730.0	5.0	Nil	Nil	Tr.	Nil	Nil
			lpy	16147	730.0	734.0	4.0	Nil	Nil	Tr.	Nil	Nil
734.0-754.0		Light greyish green moderately chloritized, occ coarse white sub-angular to angular fragments, mainly fine to medium size fragments, py strgs and blebs.	tr. py	16148	734.0	739.0	5.0	Nil	Nil	Tr.	Nil	Nil
			5py, tr. cp	16149	739.0	744.0	5.0	Nil	Nil	Tr.	Nil	Nil
			lpy	16150	744.0	749.0	5.0	Nil	Nil	Tr.	Nil	Nil
754.0-783.0		Medium grey with bluish shade, very hard, chloritized py and occ cpy strgs, threads & blebs.	15py, lcp	16151	749.0	754.0	5.0	Nil	Nil	1.6	.16	Nil
			20py, lcp	16152	754.0	759.0	5.0	Nil	.29	1.6	.03	Nil
783.0-813.0		Light grey, cream, very hard, gradationally getting into brecciated rhyolite.	10py	16153	759.0	764.0	5.0	Tr.	Nil	Nil	Nil	Nil
			15py	16154	764.0	769.0	5.0	Tr.	Nil	.1	Nil	Nil
			15py, tr. cp	16155	769.0	774.0	5.0	Tr.	Nil	Nil	Nil	Nil
		SULPHIDES: 634.5-648.0' 1-2%, 648.0-655.0 15-20%, 655.0-749.0 1-5%, 749.0-783.5' 10-20%, 783.5-813.0 5-10%.	16156	774.0	779.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			20py, < lcp	16157	779.0	783.5	4.5	Nil	Nil	.2	Nil	Nil
			5py	16158	783.5	788.0	4.5	Tr.	Nil	Tr.	Nil	Nil
			10py, tr. cp	16159	788.0	793.0	5.0	Nil	Nil	Tr.	Nil	Nil
			7py	16160	793.0	798.0	5.0	Nil	Nil	Tr.	Nil	Nil
			5py, tr. cp	16161	798.0	803.0	5.0	Nil	Nil	Tr.	Nil	Nil
			10py, tr. cp	16162	803.0	808.0	5.0	Nil	Nil	Tr.	Nil	Nil
813.0	884.0	BRECCIATED RHYOLITE	7py, tr. cp	16163	808.0	813.0	5.0	Nil	Nil	Tr.	Nil	Nil
		Light grey, occ pink, occ cream, brecciated, occ dark grey and black cherty fragments and bands, grey and cream thin veinlets. Feldspathic bands and fragments, chl. threads and lines, occ fragmental, py bands strgs and threads, occ cpy, occ sheared, occ altered.	5py, tr. cp	16164	813.0	817.5	4.5	Nil	Nil	Tr.	Nil	Nil
			35py, tr. cp	16165	817.5	821.0	3.5	Nil	.06	Nil	Nil	Nil
			3py	16166	821.0	825.0	4.0	Nil	Nil	Tr.	Nil	Nil
			20py	16167	825.0	830.0	5.0	Nil	Nil	Tr.	Nil	Nil
			10py	16168	830.0	835.0	5.0	Nil	Nil	Tr.	Nil	Nil
			25py	16169	835.0	840.0	5.0	Nil	.12	Nil	Nil	Nil
			40py	16170	840.0	845.0	5.0	Tr.	.06	Nil	Nil	Nil
		SULPHIDES: 813.0-835.0 (average) 10-20%, 835.0-845.0 Semi-massive 25-40%, 845.0-860.0 15-20%, 860.0-872.0 (average) Semi-massive, 872.0-884.0 10-15%	15py	16171	845.0	850.0	5.0	Nil	.06	Nil	Nil	Nil
			20py, < lcp	16172	850.0	855.0	5.0	Nil	.06	Nil	Nil	Nil
			25py	16173	855.0	860.0	5.0	Nil	.07	Nil	Nil	Nil
			30py	16174	860.0	865.0	5.0	Nil	.06	Nil	Nil	Nil
			25py	16175	865.0	868.0	3.0	Nil	.12	Nil	Nil	Nil
			80py	16176	868.0	872.0	4.0	Nil	.12	Nil	Nil	Tr.
			15py	16177	872.0	876.0	4.0	Nil	.12	Nil	Nil	Tr.
			18py, < lcp	16178	876.0	880.0	4.0	Nil	Nil	Tr.	Nil	Nil
			10py	16179	880.0	884.0	4.0	Nil	Nil	Tr.	Nil	Nil
884.0		END OF HOLE										

Handwritten signature



112+00N

BASE LINE 110+00N

Az. 78°

SL-F-70.7

PA 225657

PA 225660

Scale
100'

MATTAGAMI LAKE MINES LTD.

EXPLORATION DIVISION

PROJECT: STURGEON LAKE - GROUP 'F'

SECTION: 66+00W.

D.D.H.# SL-F-70.7

SCALE: 1" = 100 FEET

DATE: APRIL 30, 1970

DRW. BY: L.I.

WATAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	ANOMALY "F"	LATITUDE	1006 ± 50 NORTH	STARTED	April 9, 1970	Footage	Corrected	DIP TEST	Footage	Corrected	Footage	Corrected
MOLE NO.	SL-F-70/8	DEPARTURE	832 ± 00 EAST	FINISHED	April 14, 1970	100'	44° 00'	400'	42° 00'	700'	40° 00'	
BEARING	350° 00'	ELEVATION	SURFACE	LENGTH	826.0'	200'	44° 00'	500'	42° 00'	800'	37° 00'	
DIP-COLLAR	45°	SECTION	68 ± 00 WEST	LOGGED BY	A. ALI	300'	43° 30'	600'	40° 00'			

FOOTAGE	DESCRIPTION	% Mineralization	SAMPLE NO	FOOTAGE			ASSAYS					
				From	To	Length	Au	Ag	Zn	Cu	Pb	
0.0 - 16.0'	CASING (OVERBURDEN)											
16.0 - 110.0'	FRAGMENTAL RHYOLITE Medium and light grey, very fine grained, fragmental, lightly chloritized occ. moderately chloritized. Rusty staining fractured, vuggy in early part of core due to iron oxidation and water leaching. Round and sub-angular 2-5 mm in size white fragments, occ elongated fragments minor py blebs (disseminated)	2py 2py 1py 1py 1py 3py 2py 3py 3py 4py 3py, tr. cp 4py, tr. cp 4py, 1 cp	16029 16030 16031 16032 16033 16034 16035 16036 16037 16038 16039 16040 16041	16.0 20.0 25.5 30.5 35.5 40.5 45.5 50.5 55.5 60.5 65.5 70.5 75.5	20.0 25.5 30.5 35.5 40.5 45.5 50.5 55.5 60.5 65.5 70.5 75.5 80.5	4.0 5.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	.008 .010 Nil Nil Nil Tr. Tr. .005 .007 .007 .008 .008 Tr.	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	
110.0 - 168.0'	Lightly sheared, brown and buff feldspathic alteration bands along and parallel to shearings. Shearing @ 60° to occ. 45° to core axis fine blue "qtz-eyes", occ. elongated fragments occ. disseminated coarse sub-angular fragments, chl threads and lines. Disseminated py, occ. py strgs, blebs and lines. minor cpy, strgs.	tr. py tr. py tr. py tr. py	16042 16043 16044 16045	80.5 85.5 90.0 95.0	85.5 90.0 95.0 100.0	5.0 4.5 5.0 5.0	.005 .005 .006 .005	Nil Nil Nil Nil	Nil Nil Tr. Nil	.6 .2 .1 .1	.08 .02 Tr. .02	Nil Nil Nil Nil
168.0 - 214.0'	SULPHIDES 16.0'-80.5' 1-5%, mainly py with occ. tr. of cpy 80.5'-110.0' traces of py	tr. py tr. py	16046 16047	100.0 105.0	105.0 110.0	5.00 5.0	.006 .006	Nil Nil	Nil Tr.	.2 .1	.02 .01	Nil Nil
214.0 - 335.0'	PORPHYRITIC RHYOLITE Medium grey, fine grained, white qtz phenos, fine blue "qtz-eyes" occ. slightly fragmental, very lightly schistosed, light to moderately chloritized occ. very minor py blebs. Moderately brecciated and sheared in parts occ. cherty coarse breccia fragments occ. bands, chl threads and lines disseminated py, occ. py blebs, threads and lines.	tr. py tr. py, tr. cp tr. py lpx tr. py tr. py tr. py tr. py lpy 3py 4py 5py 2py lpy 3py 2py 3py 4py	16048 16049 16050 16051 16052 16053 16054 16055 16056 16057 16058 16059 16060 16061 16062 16063 16064 16065 16066 16067	110.0 115.0 120.0 125.0 130.0 135.0 140.0 145.0 150.0 155.0 160.0 165.0 170.0 175.0 180.0 185.0 190.0 195.0 200.0 205.0	115.0 120.0 125.0 130.0 135.0 140.0 145.0 150.0 155.0 160.0 165.0 170.0 175.0 180.0 185.0 190.0 195.0 200.0 205.0 210.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	.005 Tr. Tr. Tr. Nil Nil Nil Nil Tr. Tr. .005 Nil Nil Tr. Tr. Tr. Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Tr. Nil Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr.	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	
335.0 - 600.0'	Typical porphyritic rhyolite, lightly chloritized occ. slightly fragmental, disseminated py throughout.	tr. py tr. py	16055 16056	145.0 150.0	150.0 155.0	5.0 5.0	Nil Tr.	Nil Nil	Nil Nil	.1 Nil	Tr. Nil	Nil Nil
600.0 - 110.0'	traces of py occ. up to 1% py	3py	16059	165.0	170.0	5.0	Nil	Nil	Nil	Nil	Tr.	Nil
110.0 - 160.0'	1-5% py	4py	16060	170.0	175.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
160.0 - 315.0'	5-1% py tr. cpy	5py	16061	175.0	180.0	5.0	Tr.	Nil	Nil	Nil	Nil	Nil
315.0 - 350.0'		2py	16062	180.0	185.0	5.0	.005	Nil	Nil	Nil	Nil	Nil
350.0 - 400.0'		lpy	16063	185.0	190.0	5.0	Tr.	Nil	Nil	Nil	Nil	Nil
400.0 - 450.0'		3py	16064	190.0	195.0	5.0	Tr.	Nil	1.3	Tr.	Nil	Nil
450.0 - 500.0'		2py	16065	195.0	200.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
500.0 - 550.0'		3py	16066	200.0	205.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
550.0 - 600.0'		4py	16067	205.0	210.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil

FOOTAGE		DESCRIPTION	SAMPLE NO	FOOTAGE			ASSAYS				
From	To			From	To	Length	Au	Ag	Zn	Cu	Pb
		PORPHYRITIC RHYOLITE Cont'd	3py 16068	210.0	215.0	5.0	Nil	Nil	Nil	Nil	Nil
			5py 16069	215.0	220.0	5.0	Nil	Nil	Nil	Nil	Nil
			3py 16070	220.0	225.0	5.0	Tr.	Nil	Nil	Nil	Nil
			4py 16071	225.0	230.0	5.0	Tr.	Nil	Nil	Nil	Nil
			3py 16072	230.0	235.0	5.0	Tr.	Nil	Nil	Nil	Nil
			1py 16073	235.0	240.0	5.0	.00	Nil	Nil	Nil	Nil
			tr.py 16074	240.0	245.0	5.0	Tr.	Nil	Nil	Nil	Nil
			1py 16075	245.0	250.0	5.0	Tr.	Nil	Nil	Nil	Nil
			2py 16076	250.0	255.0	5.0	Tr.	Nil	Nil	Nil	Nil
			2py 16077	255.0	260.0	5.0	Tr.	Nil	Nil	Nil	Nil
			3py 16078	260.0	265.0	5.0	Tr.	Nil	Nil	Nil	Nil
			3py 16079	265.0	270.0	5.0	Tr.	Nil	Nil	Nil	Nil
			3py 16080	270.0	275.0	5.0	Tr.	Nil	Nil	Nil	Nil
			5py 16081	275.0	280.0	5.0	Tr.	Nil	Nil	Nil	Nil
			5py 16082	280.0	285.0	5.0	Tr.	Nil	Nil	.04	Nil
			5py 16083	285.0	290.0	5.0	Tr.	Nil	Nil	Nil	Nil
			5py 16084	290.0	295.0	5.0	Tr.	Nil	.3	.03	Nil
			3py 16085	300.0	305.0	5.0	Nil	Nil	Nil	Nil	Nil
			1py 16086	305.0	310.0	5.0	Nil	Nil	Nil	Nil	Nil
			3py 16087	310.0	315.0	5.0	Nil	Nil	Nil	Nil	Nil
			5py 16088	315.0	320.0	5.0	Tr.	Nil	.6	Nil	Nil
			10py 16089	320.0	325.0	5.0	Tr.	Nil	.2	Nil	Nil
			10py, tr. cp 16090	325.0	330.0	5.0	Tr.	Nil	Nil	Nil	Nil
			10py, tr. cp 16091	330.0	335.0	5.0	Tr.	Nil	Nil	Nil	Nil
335.0	405.0	Slight increase in chloritic strgs. threads and lines. increase in fragmental material, disseminated pyrite.	5py 16092	335.0	340.0	5.0	Tr.	Nil	Nil	Nil	Nil
			10py 16093	340.0	345.0	5.0	Tr.	Nil	Nil	Nil	Nil
			5py 16094	345.0	350.0	5.0	Tr.	Nil	.4	Nil	Nil
405.0	582.5	Increase in fragments, chloritized sub-angular fragments. Decrease in py. very minor occ disseminated py. tr. < 1% It appears that porphyritic rhyolite is inter-banded with fragmental rhyolite or the whole rock type is PORPHYRITIC FRAGMENTAL RHYOLITE.	3py 16095	350.0	355.0	5.0	Tr.	Nil	.6	Nil	Nil
			2py 16096	355.0	360.0	5.0	Tr.	Nil	1.0	Nil	Nil
			4py 16097	360.0	365.0	5.0	.005	Nil	1.2	Nil	Nil
			3py 16098	365.0	370.0	5.0	Tr.	Nil	.1	Nil	Nil
			2py 16099	370.0	375.0	5.0	Tr.	Nil	.4	Nil	Nil
			2py 16100	375.0	380.0	5.0	.005	Nil	.2	Nil	Nil
			3py 16101	380.0	385.0	5.0	Tr.	Nil	.4	Nil	Nil
			3py 16102	385.0	390.0	5.0	Tr.	Nil	.5	Nil	Nil
			3py 16103	390.0	395.0	5.0	.005	Nil	.8	Nil	Nil
			2py 16104	395.0	400.0	5.0	Tr.	Nil	.2	Nil	Nil
			3py 16105	400.0	405.0	5.0	.005	Nil	Nil	Nil	Nil
			tr.py 16106	555.0	560.0	5.0	Tr.	Nil	Nil	Nil	Nil
			tr.py 16107	560.0	565.0	5.0	Tr.	Nil	Nil	Nil	Nil
			tr.py 16108	565.0	570.0	5.0	Tr.	Nil	Nil	Nil	Nil
			tr.py 16109	570.0	575.0	5.0	Nil	Nil	Nil	Nil	Nil
			tr.py 16110	575.0	579.0	4.0	Nil	Nil	Nil	Nil	Nil
582.5	600.0	Increase in py bands, strgs and threads	tr.py 16111	579.0	582.5	3.5	.005	Nil	Nil	Nil	Nil
			45py, 1cpx, 1sp 16112	582.5	583.5	1.0	Tr.	Nil	Nil	.02	Nil
		582.5-583.5 Massive py bands 1/2 to 3" wide with occ traces of cpx and sph.	1py 16113	583.5	587.0	3.5	Tr.	Nil	Nil	Nil	Nil
			2py 16114	587.0	590.0	3.0	Nil	Nil	Nil	Nil	Nil
		SULPHIDES 350.0-405.0 1.5%, 555.0-582.5 trace py. 582.5-583.5 1" band 45%, 583.5-600. 1-2%	2py 16115	590.0	595.0	5.0	Nil	Nil	Nil	Nil	Nil
			2py 16116	595.0	600.0	5.0	.005	Nil	Nil	Nil	Nil
600.0	672.0	FRAGMENTAL RHYOLITE?	tr.py 16117	600.0	605.0	5.0	.007	Nil	Nil	Nil	Nil
		Medium grey with greenish shade, subangular and round fragments, fine to medium in size, occ. coarse.	tr.py 16118	605.0	610.0	5.0	.008	Nil	Nil	Nil	Nil

M.L.M. EXPLORATION DIVISION, D.D.H. RECORD

ANOMALY "F"

SL-F-70/8

3/3

FOOTAGE		DESCRIPTION	SAMPLE NO	FOOTAGE			ASSAYS					
From	To			From	To	Length	Au	Ag	Zn	Cu	Pb	
		FRAGMENTAL RHYOLITE Cont'd										
		Moderately chloritized, occ yellowish carb. alt. patches and spots occ minor py bleb and strgrs.	2py	1611	610.0	615.0	5.0	Tr.	Nil	Nil	Nil	Nil
			3py	16120	615.0	620.0	5.0	.005	Nil	.1	Nil	Nil
		615.0'-672.0' Medium grey with occ blue shade, very fine distinct blue "qtz-eyes", round and sub-angular fine fragments occ. py strgrs. and blebs	2py	16121	620.0	625.0	5.0	.005	Nil	.1	Tr.	Nil
			1py, tr. cp	16122	625.0	630.0	5.0	Tr.	Nil	Tr.	.06	Nil
			3py, lcp	16123	630.0	635.0	5.0	.005	Nil	Tr.	.08	Nil
		SULPHIDES 600.0'-610.0' trace, 610.0'-635.0' 1-4%										
672.0	696.0	PORPHYRITIC RHYOLITE										
		Light to medium grey porphyritic rhyolite as described above py blebs, strgrs, threads and lines 680.0'-690.0' 2-5% sulphides, 690.0'-696.0' 25%	2py	16124	680.0	685.0	5.0	Tr.	Nil	Tr.	.03	Nil
		694.0'-696.0' Gradational change to brecciated rhyolite	5py	16125	685.0	690.0	5.0	Tr.	Nil	Tr.	.03	Nil
			25py	16126	690.0	696.0	6.0	Tr.	Nil	Tr.	.04	Nil
696.0	750.0'	BRECCIATED RHYOLITE										
		Light grey, cream, hard, very fine grained to aphitic, massive, highly siliceous heavily brecciated, occ medium grey cherty threads, strgrs and lines, occ. pink feldspathic strgrs. lines, bands and coarse fragments, occ. chl. lines and threads, py strgrs threads, lines and blebs in abundance	10py	16127	696.0	700.0	4.0	Tr.	Nil	.1	.01	Nil
		710.0'-733.0' Appears fragmental rhyolite, py strgrs, threads.	10py	16128	700.0	705.0	5.0	.005	Nil	Nil	Nil	Nil
			15py, tr. cp	16129	705.0	710.0	5.0	Nil	Nil	Tr.	Tr.	Nil
			20py, tr. cp	16130	710.0	715.0	5.0	Tr.	Nil	Tr.	Nil	Nil
			10py, tr. cp	16131	715.0	720.0	5.0	Tr.	Nil	Tr.	.02	Nil
			10py, tr. cp	16132	720.0	725.0	5.0	Tr.	Nil	Tr.	Tr.	Nil
			15py, tr. cp	16133	725.0	730.0	5.0	Nil	Nil	Tr.	Nil	Nil
		SULPHIDES 696.0'-735.0' 10-20%, 735.0'-750.0' 7-10%	10py	16134	730.0	735.0	5.0	Nil	Nil	Nil	Nil	Nil
			7py	16135	735.0	740.0	5.0	Nil	Nil	Nil	Nil	Nil
			10py, tr. cp	16136	740.0	745.0	5.0	Nil	Nil	Nil	Nil	Nil
			10py	16137	745.0	750.0	5.0	Nil	Nil	Nil	Nil	Nil
750.0'	761.0'	PORPHYRITIC RHYOLITE										
		Description as above, lightly sheared, shearing / schistosity... @45° to core axis Sulphides 3-5%	3py	16138	750.0	755.0	5.0	Nil	Nil	.4	Tr.	Nil
			5py	16139	755.0	761.0	5.0	Tr.	Nil	.4	.02	Nil
761.0	774.0	APLITE DYKE										
		Light grey, very fine grained, massive, occ. fine py cubes. upper cont. @ 40° to core axis. lower cont. @ 40°										
774.0	826.0	BRECCIATED RHYOLITE										
		Cream, light grey. Brecciated and sheared occ appears inter-bedded with porphyritic rhyolite.										
826.0		END OF HOLE.										

M. J. Pali

Handwritten signature

SL-F-708

FRAGMENTAL RHYOLITE

PORPHYRITIC RHYOLITE

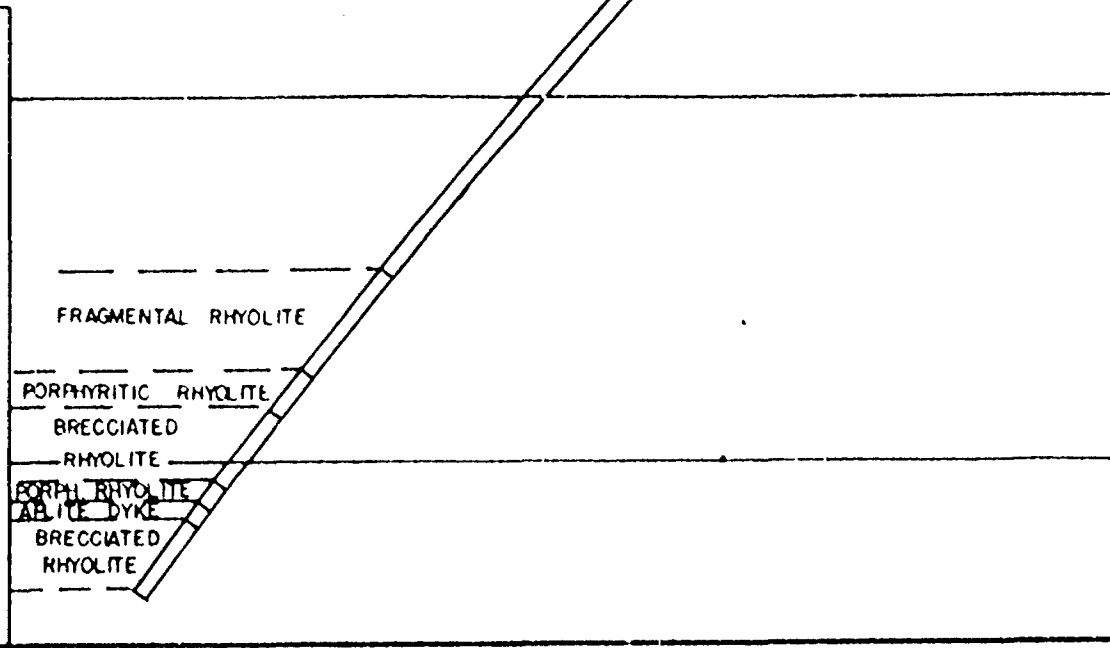
BASE LINE 110+00N

Az. 78°

112+00N

Surface

Scale
106'



MATTAGAMI LAKE MINES LTD.

EXPLORATION DIVISION

PROJECT: STURGEON LAKE - GROUP 'F'

SECTION: 68+00 W

D.D.H.# SL-F-708

SCALE: 1" = 100 FEET

DATE: APRIL 30, 1970 DRW. BY: L.I.

KATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	ANOMALY "F"	LATITUDE	1012 + 72 NORTH	STARTED	April 16, 1970	Footage	Corrected	DIP TEST	Footage	Corrected	Footage	Corrected
HOLE NO.	SL-F-70/9	DEPARTURE	833 + 60 EAST	FINISHED	April 21, 1970	100	42°00'		400	36°30'		
DIP	170°00'	ELEVATION	SURFACE	LENGTH	631.0	200	40°00'		500	35°00'		
DIP-COLLAR	-45°	SECTION	67 + 00 WEST	LOGGED BY	A. A.I.	300	37°00'		600	34°00'		

FOOTAGE		DESCRIPTION	LITHOLOGY	SAMPLE NO.	FOOTAGE		Length	Au	Ag	ASSAYS			
From	To				From	To				Zn	Cu	Pb	
0.0	20.0	CASING (OVERBURDEN)											
20.0	183.0	FRAGMENTAL RHYOLITE											
		Light gray with greenish shade, fine to medium grained, siliceous matrix, round, sub-angular to angular occ. elongated 3-7 mm in diameter size white fragments, occ coarse 7-15 mm in size fragments, lightly chloritized chl. strgrs, threads and lines, occ. brecciated sections in parts with pink feldspathic bands, lines and strgrs, occ breccia fragments. Rusty fractures leached patches and vugs occ. porphyritic in parts, minor py blebs and stringers. Sulphides 45.0-90.0 1-3%	3py, tr. cp	16301	45.0	50.0	5.0	Nil	.64	2.4	.12	Nil	Nil
			lpy	16302	50.0	55.0	5.0	Nil	.12	.8	Nil	Nil	Nil
			lpy	16303	55.0	60.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			tr. py	16304	60.0	65.0	5.0	Nil	Nil	.2	Nil	Nil	Nil
			2py	16305	65.0	70.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			lpy	16306	70.0	75.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			lpy	16307	75.0	80.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			tr. py	16308	80.0	85.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			tr. py	16309	85.0	90.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
183.0	267.0	SHEARED RHYOLITE											
		Light gray, cream, fine to medium grained, highly siliceous, hard, chl. threads and lines, sheared, shearing @ 45° to core axis, occ pink feldspathic bands parallel to shearing, occ fragments, brecciated in parts.	5py, tr. sp	16310	200.0	205.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			tr. py	16311	205.0	210.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			lpy	16312	210.0	215.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			tr. py	16313	215.0	220.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
		262.0-267.0 Gradational zone between sheared and fragmental rhyolite, gradationally becoming fragmental rhyolite with increase in depth	lpy	16314	220.0	225.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			lpy	16315	225.0	230.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
				16316	230.0	235.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
				16317	235.0	240.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			tr. py	16318	240.0	246.0	6.0	Nil	Nil	Tr.	Nil	Nil	Nil
			2py	16319	246.0	252.0	6.0	Nil	Nil	Tr.	Nil	Nil	Nil
		SULPHIDES ZONE 252.0-257.0 5.0' 15% py, 1% sph, (200.0-252.0 1-5% 257.0-267.0 2-3%)	15py, 1sp	16320	252.0	257.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			3py	16321	257.0	262.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			2py	16322	262.0	267.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
267.0	323.0	FRAGMENTAL RHYOLITE											
		Light to medium grey, very fine grained, white fragments, sub-angular, angular and elongated, chl. threads and strgrs, minor py blebs and strgrs.	lpy	16323	267.0	272.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			tr. py	16324	272.0	277.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			lpy	16325	277.0	282.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
		293.0-313.0 Sheared and brecciated section in fragmental rhyolite.	5py, tr. sp	16326	282.0	287.0	5.0	Nil	Nil	.2	Nil	Nil	Nil
			"	16327	287.0	292.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			3py	16328	292.0	297.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			lpy	16329	297.0	302.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			"	16330	302.0	307.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			tr. py	16331	307.0	312.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			3py	16332	312.0	317.5	5.5	Nil	Nil	Tr.	Nil	Nil	Nil
			"	16333	317.5	323.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
323.0	347.0	MASSIVE SULPHIDES											
		60% massive sulphides in chloritized, altered brecciated/fragmental rhyolite, average % 50% py, 6% sph 1% cpy, and 1% galena	65py, 1sp	16334	323.0	328.0	5.0	Nil	Nil	.5	Nil	Nil	Nil
			50py, tr. sph, cp	16335	328.0	333.0	5.0	Nil	Nil	.2	Nil	Nil	Nil
			60py	16336	333.0	338.0	5.0	Nil	Nil	.06	.4	Nil	Nil
			45py, 8sph, 1cp	16337	338.0	347.0	9.0	Nil	Nil	.4	.04	Nil	Nil

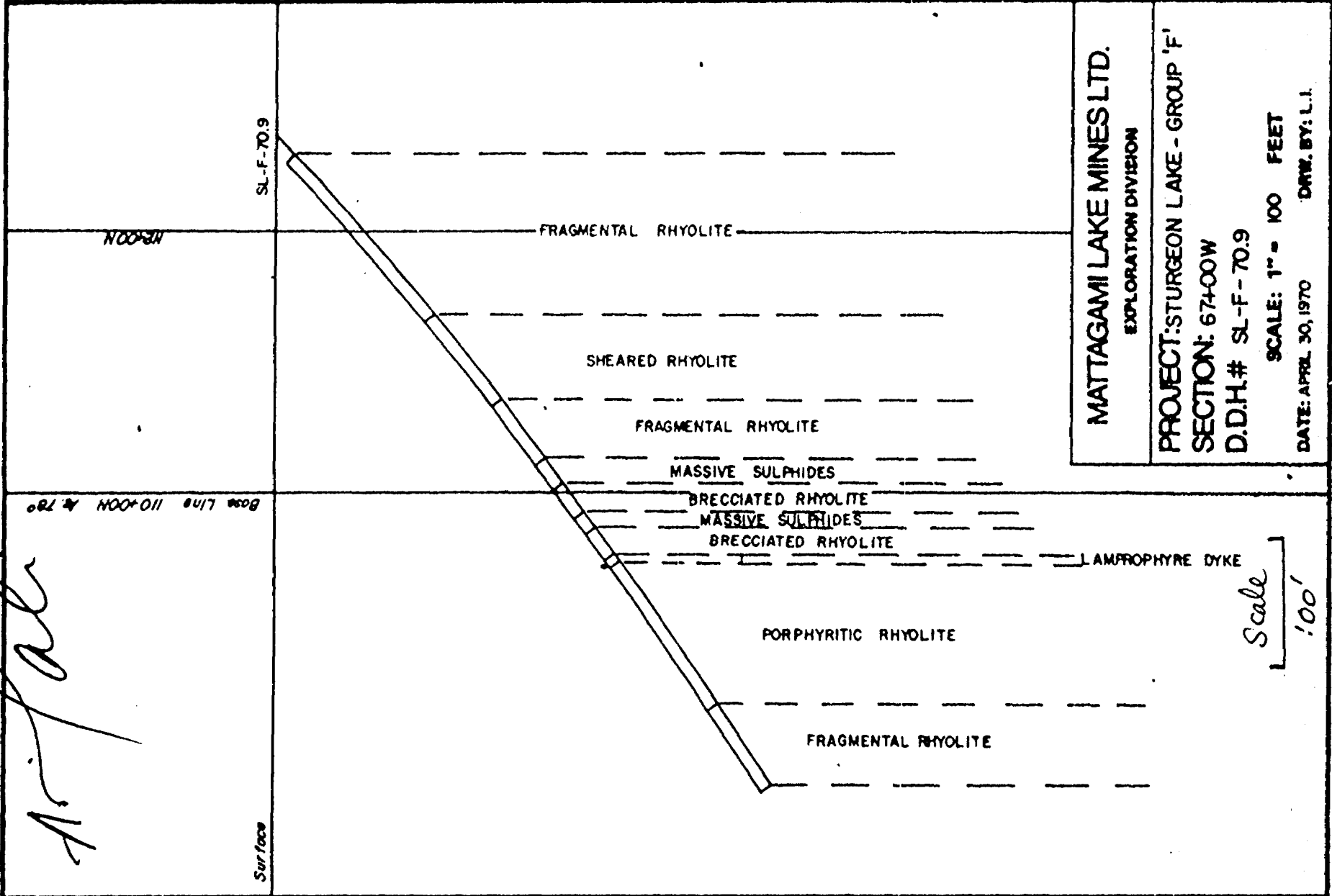
V.L.M. EXPLORATION DIVISION, B.D.M. RECORD

ANOMALY "F" SL-F-70/4 3/3

FOOTAGE		DESCRIPTION	SIGNATURE	SAMPLE NO	FOOTAGE			ASSAYS				
From	To				From	To	Length	Au	Ag	Zn	Cu	Pb
		FRAGMENTAL RHYOLITE (Cont'd)		16382	604.0	609.0	5.0	Nil	Nil	Nil	Nil	Nil
		554.5-555.5 LOST CORE		16383	609.0	614.0	5.0	Nil	Nil	Nil	Tr.	Nil
		615.0-623.0 Brecciated section, light grey and pink brecciated and sheared, grey and pink cherty and feldspathic fragments and veinlets py strgs and blebs.		16384	614.0	619.0	5.0	Nil	Nil	Nil	Nil	Nil
				16385	619.0	624.0	5.0	Nil	Nil	Tr.	Nil	Nil
		SULPHIDES: 604.0-629.0 2-5%		16386	624.0	629.0	5.0	Nil	Nil	- Tr.	Nil	Nil
631.0		END OF HOLE.										

M. Fali

As of



MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION

PROJECT: STURGEON LAKE - GROUP 'F'
SECTION: 67+00W
D.D.H.# SL-F-70.9

SCALE: 1" = 100 FEET
DATE: APRIL 30, 1970
DRW. BY: L.I.

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

340

PROPERTY	STURGEON LAKE "GROUP P"	LATITUDE	1015 + 50 NORTH	STARTED	April 24, 1970	DIP TEST					
HOLE NO.	SL-F-70/10	DEPARTURE	836 + 00 EAST	FINISHED	May 6, 1970	Footage	Corrected	Footage	Corrected	Footage	Corrected
BEARING	GRID SOUTH	ELEVATION	SURFACE	LENGTH	811.0	100	40° 30'	400	29° 30'	700	27° 00'
DIP-COLLAR	-45°	SECTION	64 + 00 WEST	LOGGED BY	L. COVELLO	200	35° 00'	500	29° 00'	800	25° 00'
						300	33° 00'	600	27° 30'		

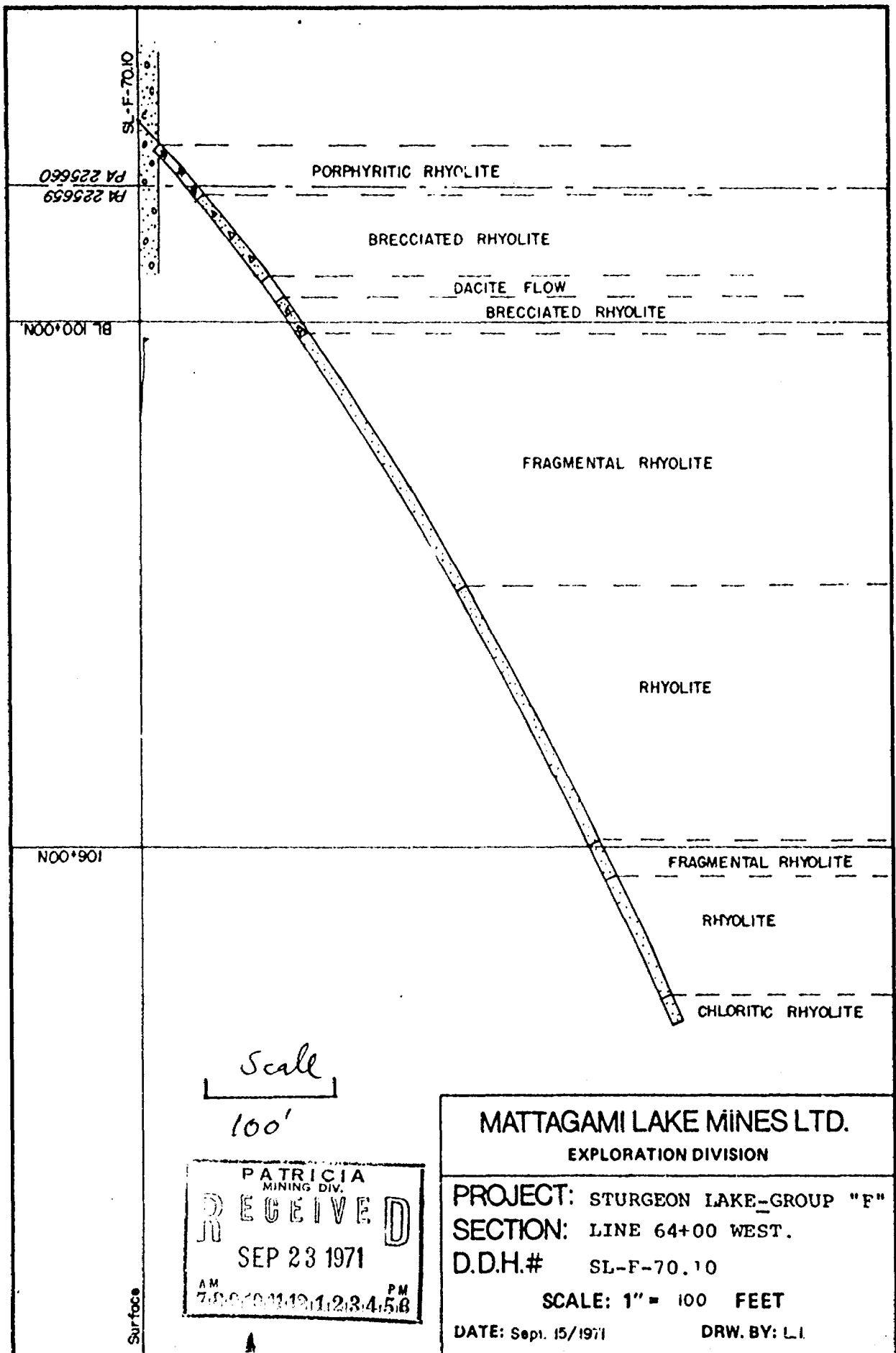
From	To	DESCRIPTION	SAMPLE NO.	FOOTAGE			ASSAYS						
				From	To	Length	Au	Ag	Zn	Cu	Pb		
0	24.0	CASING	15py	16180	24.0	29.4	5.4	Nil	.12	Nil	Nil	Nil	.02
			15py	16181	29.4	34.4	5.0	Nil	Nil	Nil	Nil	Nil	Nil
24.0	75.0	PORPHYRITIC RHYOLITE	10py	16182	34.3	39.0	4.0	Nil	Nil	Nil	Nil	Nil	Nil
		Grey to blue-grey, lightly chloritic, 1-5% clear qtz-eyes 2mm in	15py	16183	39.0	43.4	4.4	Nil	Nil	Nil	Nil	Nil	Nil
		5-20% small flattened fragments; heavily sheared @ 60° to C.A.	5py	16184	43.4	48.4	5.0	Tr.	Nil	Nil	Nil	Nil	Nil
			2py	16185	124.0	129.0	5.0	Tr.	.12	.1	Nil	Nil	Nil
			5py	16186	129.0	134.0	5.0	Tr.	.12	.4	Nil	Nil	Nil
		24.0-43.3 10-20 py. disseminated and in massive bands	5py	16187	134.0	139.0	5.0	Tr.	Nil	.1	Nil	Nil	Nil
			5py	16188	139.0	144.0	5.0	.007	.12	.2	Nil	Nil	Nil
		24.0-30.0 Tuffaceous; discontinuous cherty and pyritic bands @ 50° to core axis	10py	16189	144.0	147.7	3.7	Nil	Nil	Nil	Nil	Nil	Nil
			60py	16190	147.7	152.6	4.9	Nil	Nil	Nil	Nil	Nil	Nil
			10py	16191	152.6	156.2	3.6	Tr.	.41	.2	Nil	Nil	.05
		43.3 - 75.0 1-5%py	10py	16192	156.2	160.1	3.9	Nil	Nil	.3	Nil	Nil	.02
			5py	16193	160.1	163.9	3.8	Tr.	Nil	.2	Nil	Nil	Nil
			S&P, 2py	16194	163.9	166.9	3.0	Nil	Nil	1.8	.02	Nil	Nil
			5py, tr.sp	16195	166.9	172.2	5.3	Nil	Nil	.4	.01	Nil	Nil
75.0	105.7	BRECCIATED RHYOLITE	3py	16196	172.2	178.0	5.8	Nil	Nil	Tr.	Nil	Nil	Nil
		Grey, siliceous, sheared @ 50° to C.A. minor small clear "qtz-eyes", tr. 3%py	3py	16197	178.0	184.4	6.4	Nil	Nil	.5	Nil	Nil	Nil
			5py	16198	184.4	190.0	5.6	Nil	Nil	Tr.	Nil	Nil	Nil
			5py	16199	190.0	195.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			5py	16200	195.0	200.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			5py	16201	200.0	205.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
105.7	124.5	DACITE FLOW	5py	16202	205.0	210.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
		Grey-medium grained acid intermediate pyroclastic; occasional small siliceous fragments.	5py	16388	205.0	210.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			5py	16389	210.0	215.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil
			5py	16390	215.0	220.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil
			5py	16391	220.0	225.0	5.0	Nil	Nil	Tr.	0.25	Nil	Nil
			5py	16392	225.0	230.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
124.5	157.2	BRECCIATED RHYOLITE	5py	16393	230.0	235.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
		Grey to light pink, sheared @ 50° to C.A.; hard siliceous; minor small qtz-eyes. 2-5%py	5py	16394	235.0	240.0	5.0	Nil	Nil	.2	Nil	Nil	Nil
			5py	16395	240.0	245.0	5.0	Nil	Nil	.1	Nil	Nil	Nil
			5py	16396	245.0	250.0	5.0	Nil	Nil	.5	Nil	Nil	Nil
			5py	16397	250.0	255.0	5.0	Nil	Nil	.2	.01	Nil	Nil
			5py	16398	255.0	260.0	5.0	Nil	Nil	.3	.02	Nil	Nil
		152.6-156.2 60%py	5py	16399	260.0	265.0	5.0	Nil	Nil	.2	.01	Nil	Nil
			5py	16400	265.0	270.0	5.0	Nil	Nil	.7	Nil	Nil	Nil
			5py	16901	270.0	275.0	5.0	Nil	Nil	.3	.02	Nil	Nil
			5py	16902	275.0	280.0	5.0	Nil	Nil	.2	Tr.	Nil	Nil
			5py	16903	280.0	285.0	5.0	Tr.	Nil	Nil	.02	Nil	Nil
			5py	16904									
			5py	16905	285.0	290.0	5.0	Nil	Nil	Tr.	Tr.	Nil	Nil
			5py	16906	290.0	295.0	5.0	Nil	Nil	.3	.02	Nil	Nil
			5py	16907	295.0	300.8	5.8	Nil	Nil	.5	.02	Nil	Nil
			5py	16908	300.8	306.5	5.7	Tr.	Nil	.5	Tr.	Nil	Nil

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE NO	FOOTAGE		ASSAYS							
From	To				From	To	Au	Ag	Zn	Cu	Pb			
157.2	439.0	FRAGMENTAL RHYOLITE												
		Grey to blue-grey; 40% white siliceous elongate fragments in a medium grained acid intermediate volcanic matrix 5% py occasional trace sp.		16909	306.5	312.3	5.8	Nil	Nil	.1	Tr.	Nil	Nil	Nil
				16910	312.3	318.0	5.7	Nil	Nil	Tr.	.02	Nil	Nil	Nil
				16911	318.0	321.4	3.4	Nil	Nil	.1	.02	Nil	Nil	Nil
				16912	321.4	326.0	4.6	Nil	Nil	Tr.	.02	Nil	Nil	Nil
				16913	326.0	330.3	4.3	Nil	Nil	Nil	Tr.	Nil	Nil	Nil
				16914	330.3	334.2	3.9	Nil	Nil	Tr.	Tr.	Nil	Nil	Nil
	163.9-166.9	5% sp, 2% py		16915	334.2	338.4	4.2	Nil	Nil	Tr.	.02	Nil	Nil	Nil
				16916	338.4	343.4	5.0	Nil	Nil	Nil	.02	Nil	Nil	Nil
	178.4-182.3	Grey-green, intermediate flow; leached, chloritic		16917	343.3	348.3	5.0	Nil	.06	.1	.03	Nil	Nil	Nil
				16918	348.3	353.8	5.5	Tr.	.06	.2	.02	Nil	Nil	Nil
				16919	353.8	358.2	3.4	Tr.	Nil	Nil	.02	Nil	Nil	Nil
	318.0-321.4	Dark, very fine grained intermediate flow or dike tr.cpy, tr.py		16920	357.2	363.1	5.9	Nil	Nil	Nil	.02	Nil	Nil	Nil
				16921	363.1	367.9	4.8	Nil	Nil	Nil	Tr.	Nil	Nil	Nil
				16922	367.9	372.9	5.0	Nil	Nil	Nil	.02	Nil	Nil	Nil
	338.8-395.0	Dark grey, fragments, extremely flattened and deformed, often obscured by matrix and alteration; occasionally appears tuffaceous.		16923	395.0	400.0	5.0	Nil	Nil	Nil	Tr.	Nil	Nil	Nil
				16924	400.0	404.0	4.0	Nil	Nil	Nil	.02	Nil	Nil	Nil
				16925	404.0	409.0	5.0	Nil	.12	Nil	.02	Nil	Nil	Nil
				16926	409.0	414.0	5.0	Tr.	Nil	Nil	Tr.	Nil	Nil	Nil
				16927	414.0	419.0	5.0	Nil	Nil	Nil	Tr.	Nil	Nil	Nil
	338.8-363.2	10-25%py, tr.cpy, sp		16928	419.0	424.0	5.0	Nil	Nil	Tr.	Tr.	Nil	Nil	Nil
	363.2-395.0	1-5 %py Sp, tr.s		16929	424.0	429.0	5.0	Nil	.06	.3	Tr.	Nil	Nil	Nil
				16930	429.0	434.0	5.0	Nil	Nil	Tr.	Tr.	Nil	Nil	Nil
	395.0-404.0	Chloritic, sheared @ 50° to C.A. 10-15%py		16931	434.0	439.0	5.0	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	404.0-438.0	40-60% white siliceous fragments <1cm in diameter py												
439.0	708.7	RHYOLITE												
		Grey medium grained acid volcanic pyroclastic; occasional obscure fragments and minor zones of brecciation and chloritization, moderately sheared @ 50° to C.A. tr-2% py		16932	439.0	444.0	5.0	Nil	.06	Tr.	Nil	Nil	Nil	Nil
				16933	444.0	449.0	5.0	Nil	.06	Tr.	Tr.	Nil	Nil	Nil
				16934	449.0	454.0	5.0	Nil	Nil	.2	.03	Nil	Nil	Nil
				16935	454.0	459.0	5.0	Nil	Nil	.1	.02	Nil	Nil	Nil
				16936	459.0	464.0	5.0	Nil	Nil	Nil	Tr.	Nil	Nil	Nil
				16937	464.0	467.8	5.4	Nil	Nil	Nil	Tr.	Nil	Nil	Nil
	641.3-708.7	Dark green to light grey, moderate to heavy chlorite, occasionally brecciated; several minor zones associated; with shearing and pink fsp containing up to 5% small clear qtz-eyes and thin in py bands, 5-15% relict obscure fragments, 10-25%py in massive bands and disseminated, tr.sp, tr.cpy.		16938	647.8	650.8	3.0	Tr.	.06	.2	Nil	Nil	Nil	Nil
				16939	650.8	654.5	3.7	Tr.	.12	.1	.02	Nil	Nil	Nil
				16940	654.5	659.3	3.8	Nil	.17	1.0	.03	Nil	Nil	Nil
				16941	659.3	663.8	4.5	Tr.	Nil	.5	.02	Nil	Nil	Nil
				16942	663.8	667.0	3.2	Tr.	Nil	3.4	.07	Nil	Nil	Nil
				16943	667.0	671.0	4.0	Tr.	.12	4.2	.04	Nil	Nil	Nil
	663.8-671.0	10%sp, <1% cpy, 5% py		16944	671.0	675.2	4.2	Nil	.12	1.2	.03	Nil	Nil	Nil
				16945	675.2	680.0	4.8	Tr.	.12	.3	.02	Nil	Nil	Nil
				16946	680.0	684.3	4.3	Tr.	.41	.4	.03	Nil	Nil	Nil
	696.1-700.9	3% cpy, 10%py, tr.sp		16947	684.3	689.0	4.3	Nil	.06	Nil	Tr.	Nil	Nil	Nil
				16948	689.0	693.3	4.7	Tr.	.17	.6	.03	Nil	Nil	Nil
				16949	693.3	696.1	2.8	Tr.	.06	.6	.03	Nil	Nil	Nil
708.7	738.2	FRAGMENTAL RHYOLITE												
		Uniformly grey; 20% white to creamy white siliceous and altered fragments <1cm in diameter, in a pyroclastic acid volcanic matrix		16950	700.9	700.9	4.3	Tr.	.02	.3	.38	Nil	Nil	Nil
				16951	700.9	704.2	3.7	Nil	.23	Nil	.11	Nil	Nil	Nil
				16952	704.2	708.7	4.5	Tr.	.23	.2	.10	Nil	Nil	Nil
				16953	708.7	713.0	4.3	Tr.	.12	.2	.05	Nil	Nil	Nil
	717.0-721.5	2% sp, tr. cpy, 2% py		16954	713.0	717.0	5.0	Tr.	.06	.8	.05	Nil	Nil	Nil
				16955	717.0	721.5	4.5	Tr.	Nil	3.4	.04	Nil	Nil	Nil
				16956	721.5	726.5	5.0	Nil	Nil	Nil	Nil	Nil	Nil	Nil
				16957	726.5	731.5	5.0	Nil	Nil	.2	Tr.	Nil	Nil	Nil

340

FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		ASSAYS					
From	To			From	To	Au	Ag	Zn	Cu	Pb	
738.2	789.0	<p style="text-align: center;">RHYOLITE</p> Light grey, acid volcanic pyroclastic minor small siliceous fragments, sheared @ 55° to core axis. tr.-1%py	16958	732.5	736.5	5.0	Nil	Nil	Nil	Tr.	Nil
		738.2-741.6 Grey fine grained intermediate flow or intrusive									
		781.5-786.8 Green to grey green, medium grained lamprophyre cake									
789.0	811.0	<p style="text-align: center;">Chloritic Rhyolite</p> Dark to light green, moderate to heavy chlorite. 10% small (5mm diameter) relict fragments. 3% py.									
811.0		E N D O F H O L E									

Handwritten signature or initials



Scale
100'

PATRICIA
MINING DIV.
RECEIVED
SEP 23 1971
AM 7:00 PM 4:58

MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION

PROJECT: STURGEON LAKE-GROUP "F"
SECTION: LINE 64+00 WEST.
D.D.H.# SL-F-70.10
SCALE: 1" = 100 FEET
DATE: Sept. 15/1971 DRW. BY: L.I.

210

NATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

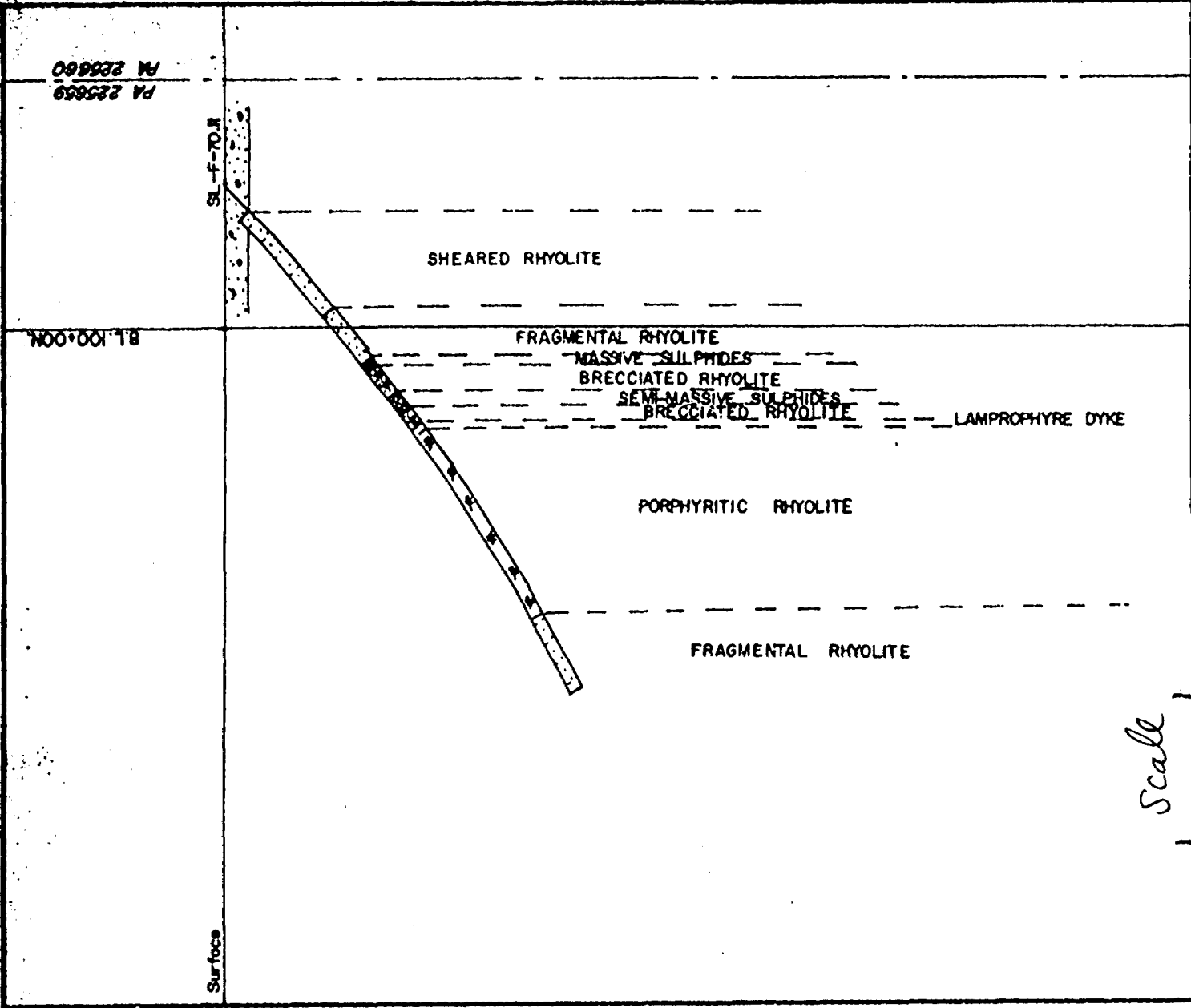
PROPERTY	STURGEON LAKE GROUP "F"	LATITUDE	1010 + 70 NORTH	STARTED	April 23, 1970	FOOTAGE	Correction	DIP TEST	Feet	Feet
HOLE NO.	SL-F-70/01	DEPARTURE	933 + 00 EAST	FINISHED	April 25, 1970	100	40'00"	400	29°00'	
BEARING	170°00'	ELEVATION	SURFACE	LENGTH	429.0'	200	37°00"			
DIP-COLLAR	-45°	SECTION	67 + 00 WEST	LOGGED BY	A. ALI	300	32°00"			

FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		ASSAYS							
From	To			From	To	Fe	Ag	Zn	Cu	Pb			
0.0	26.0	CASING											
26.0	115.0	SHEARED RHYOLITE Light grey, fine grained, siliceous occ pink bands, heavily sheared and occ brecciated, occ slightly fragmental, occ porphyritic shearing 45° to core axis minor py blebs.	3py, tr. cp 1py 3py 5py 3py 1py 3py 1py	16401 16402 16403 16404 16405 16406 16407 16408	33.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0	40.0 45.0 50.0 55.0 60.0 65.0 70.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0	Nil Nil Nil Tr. Tr. Tr. Tr.	Nil Nil Nil Nil Tr. Nil Nil	Nil Nil Nil Nil Tr. Nil Nil	Nil Nil Nil Nil Tr. Nil Nil	Nil Nil Nil Nil Tr. Nil Nil	
		SULPHIDES: 35.0-115.0 1-5%											
115.0	155.0	FRAGMENTAL RHYOLITE Light grey, fine grained, fragmental, sub-angular elongated fragments lightly sheared, occ porphyritic in parts occ pink feldspathic fragments occ chloritized disseminated py.	3py, tr. sp 2py 1py 1py 2py 3py 15py 10py	16410 16411 16412 16413 16414 16415 16416	75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0	85.0 90.0 95.0 100.0 105.0 110.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0	Tr. Nil Nil Nil Tr. Tr.	Nil Nil Nil Nil Nil Nil	Tr. Nil Nil Nil Tr. Tr.	Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil	
		SULPHIDES 115.0-146.0 1-5% 146.0-155.0 10-15%											
155.0	162.5	MASSIVE SULPHIDES 75% massive py in chloritized, altered fragmental brecciated rhyolite	75py 75py	16426 16427	155.0 160.0	160.0 162.5	5.0 2.5	Tr. Tr.	.06 .17	.4 .5	Nil Tr.	Nil Tr.	.02 .03
162.5	187.0	BRECCIATED RHYOLITE Light grey, occ greyish green, brecciated and sheared, lightly fragmental occ chloritized	3py 2py 1py 2py 2py	16428 16429 16430 16431 16432	162.5 167.5 172.0 177.0 182.0	167.5 172.0 177.0 182.0	5.0 4.5 5.0 5.0 5.0	Nil Nil .009 Tr.	Nil Nil Nil Nil	Tr. Tr. Tr. Tr.	Nil Nil Nil Nil	Nil Nil Nil Nil	
		SULPHIDES: 162.0-182.0 1-3%											
187.0	202.0	SEMI-MASSIVE SULPHIDES 37% sulphides in dark green, heavily chloritized and altered fragmental brecciated rhyolite	25py, tr. sp, tr. cp 35py 45py, 3sp, 2cp	16433 16434 16435	187.0 192.0 197.0	192.0 197.0 202.0	5.0 5.0 5.0	Nil Tr. Tr.	Nil .17 .29	.5 2.4 4.5	Nil Tr. Tr.	Nil Tr. Tr.	.02 .02 Tr.

340

FOOTAGE		DESCRIPTION	Mineralization	SAMPLE NO	FOOTAGE			ASSAYS					
To	From				To	Length	Au	Ag	Zn	Cu	Pb		
202.0	214.0	BRECCIATE RHYOLITE Light grey, pink, fine grained, hard, siliceous, brecciated	tr. py	16436	202.0	208.0	6.0	Tr.	Nil	.2	.02	Nil	Nil
214.0	217.0	LAMPROPHYRE DYKE Medium green, medium grained, speckled, upper cont. grounded lower contact sharp @ 6' to core axis.		16437	208.0	214.0	6.0	Tr.	Nil	.2	Nil	Nil	Nil
217.0	371.0	PORPHYRITIC RHYOLITE Light grey, fine to medium grained, qtz phenos, blue "qtz-eyes" lightly chloritized, occ fragmental in parts, occ small brecciated sections. Increase in fragmental material with the increase in depth.	5py 3py " " 2py 1py 2py 5py 2py 2py 1py tr. py	16438 16439 16440 16441 16442 16443 16444 16445 16446 16447 16448 16449	312.0 317.0 322.0 327.0 332.0 337.0 342.0 347.5 352.5 357.5 362.5 367.0	317.0 322.0 327.0 332.0 337.0 342.0 347.5 352.5 357.5 362.5 367.0 371.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 4.5 4.0	Tr. Nil Tr. Tr. Nil Tr. Tr. Nil Tr. Tr. Tr. Tr.	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Tr. Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	
		SULPHIDES 312/0-371.0 1-5%											
371.0	429.0	FRAGMENTAL RHYOLITE Light grey, fine to medium grained, round oval, subangular and elongated 1-5 mm in size white fragments, lightly chloritized, occ moderately chloritized. Porphyritic in parts, occ. very minor py blebs.											
	429.0	END OF HOLE.											

Handwritten signature



MATTAGAMI LAKE MINES LTD.
 EXPLORATION DIVISION

PROJECT: STUKEON LAKE - GROUP "F"
SECTION: LINE 67+00 West.
D.D.H.# SL-F-70.11

SCALE: 1" = 100 FEET
DATE: Sept. 19/971 **DRW. BY:** L.J.

Scale
 100'

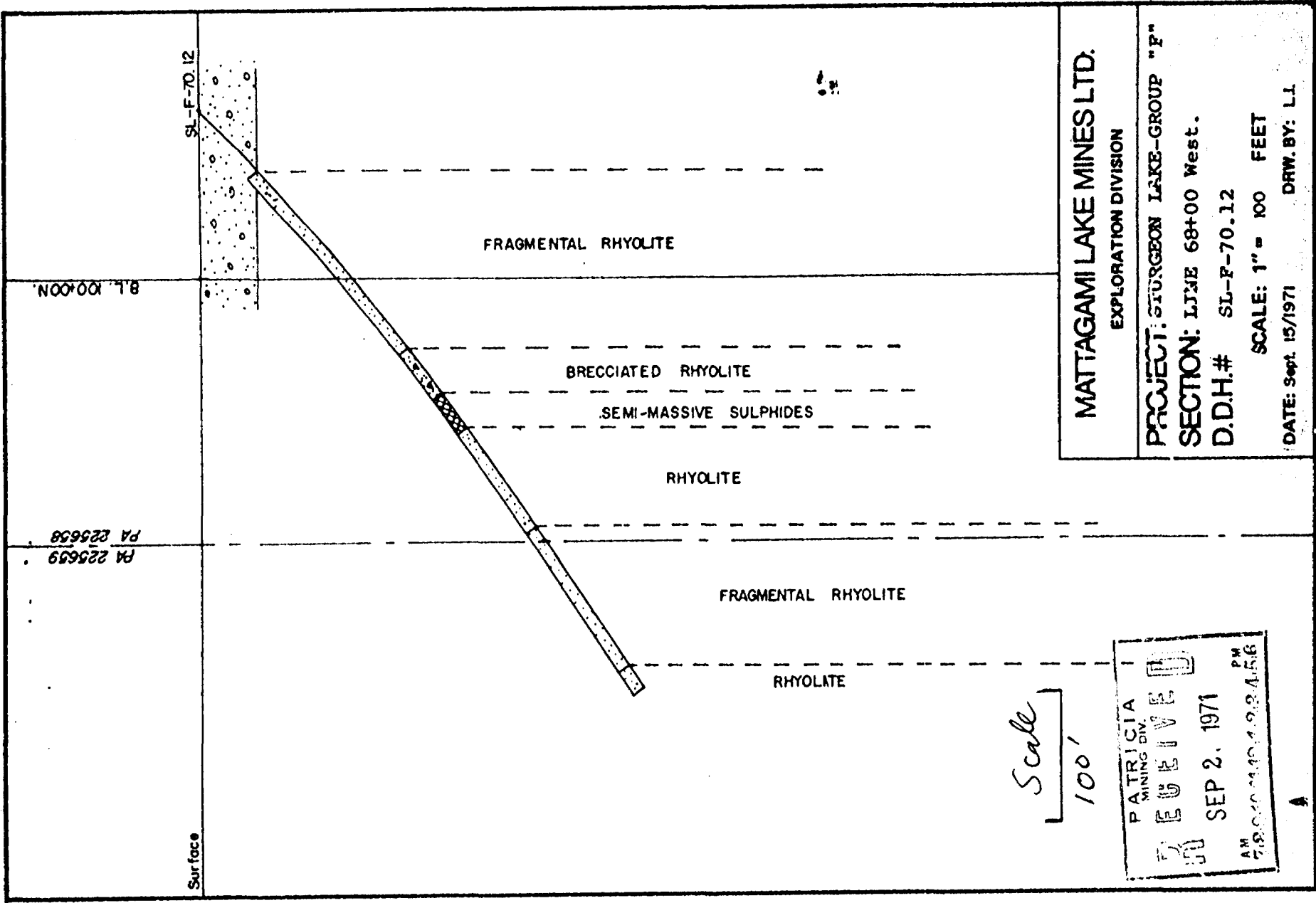
PATRICIA
 MINING DIV.
 RECEIVED
 SEP 23 1971
 AM 7:00 PM 2:45

340

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	STURGEON LAKE (GROUP "F")	LATITUDE	1013 + 00 NORTH	STARTED	April 28, 1970.	Footage	Corrected	DIP TEST Footage	Corrected	Footage	Corrected
HOLE NO.	SL-E-70/12	DEPARTURE	832 + 00 EAST	FINISHED	May 1, 1970	100	42° 00	400	35° 00		
BEARING	170° 00'	ELEVATION	SURFACE	LENGTH	320.0	200	39° 00	500	34° 00		
DIP-COLLAR	-45°	SECTION	68 + 00 WEST	LOGGED BY	L. COVELLO	300	36° 00				

FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		ASSAYS								
From	To			From	To	Length	Al	Ac	Zn	Cu	Pb			
0	66.0	CASING												
66.0	248.0	FRAGMENTAL RHYOLITE												
		Uniformly blue-grey, fine to medium grained matrix. Some moderate carbonate-calc alteration 20-40% distorted elongate grey-white fragments 2-15 mm long partly or completely altered to kaolin. Broken core, leached and suggy limonite-hematite stained to 105.0.												
		124.6-129.0 Fine grained, light grey acidic dike or flow; bottom contact obscured by staining and leaching.												
		133.0-138.0 LOST CORR												
		140.0-143.0 "												
		147.0-150.0 "												
		151.0-152.0 "												
		155.0-248.0 Fragments become increasingly large and more siliceous, comprising 40-80% of rock sometimes grading into short sections of "structured" rhyolite due to welding of fragments and a pronounced long axis orientation @ 60° to core axis.												
248.0	291.4	BRECCIATED RHYOLITE												
		White to blue-grey, hard siliceous. Often showing "structured" texture @ 55-60° to C.A. 2-5% pink feldspar in bands and threads. 5-10% small relict fragments, possibly albitized and sometimes partially replaced by py.	tr. py	16450	249.0	253.5	4.5	Tr.	Nil	Nil	Nil	Nil	Nil	Nil
			tr. py	16451	253.5	258.8	5.3	Tr.	Nil	Tr.	Nil	Nil	Nil	Nil
			tr. py	16452	258.8	263.9	5.1	Tr.	Nil	Nil	Nil	Nil	Nil	Nil
			10 py	16453	263.9	268.6	4.7	Tr.	Nil	Tr.	Nil	Nil	Nil	Nil
			5 py	16454	268.6	271.2	2.6	Tr.	Nil	Tr.	Nil	Nil	Nil	Nil
			25 py	16455	271.2	274.5	3.3	.006	Nil	Tr.	Nil	Nil	Nil	Nil
		263.9-271.2 5-10% py, tr. sp	1 py	16456	274.5	278.2	3.7	Tr.	Nil	Tr.	Nil	Nil	Nil	Nil
		271.2-274.5 25% py approx, 3% sp. (sp is difficult to determine due to its fine grain size and light brown colour which closely resemble that of the pyrite with which it is intimately associated)	1 py	16457	278.2	283.0	4.8	Tr.	Nil	Tr.	Nil	Nil	Nil	Nil
			2 py	16458	283.0	288.0	5.0	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
			2 py	16459	288.0	291.4	3.4	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
			40 py, tr. py	16460	291.4	293.8	2.4	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
			70 py, lsp	16461	293.8	299.1	5.3	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
			70 py, lsp	16462	299.1	304.2	5.1	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
		274.5-291.4 2% py, tr. sp	20 py, lsp	16463	304.2	307.4	3.2	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
			10 py, 50 py, 3 sp	16464	307.4	312.4	5.0	Nil	Nil	Tr.	Nil	Nil	Nil	Nil
			30 py, tr. sp, cpy	16465	312.4	316.4	4.0	Nil	Nil	Tr.	Nil	Nil	Nil	Nil



MATTAGAMI LAKE MINES LTD.
 EXPLORATION DIVISION
PROJECT: STURGEON LAKE-GROUP "F"
SECTION: LINE 68+00 West.
D.D.H.# SL-F-70.12
SCALE: 1" = 100 FEET
DATE: Sept. 15/1971 **DRW. BY: L.I.**

8 L. 100+00

PA 225639
PA 225638

Surface

FRAGMENTAL RHYOLITE

BRECCIATED RHYOLITE

SEMI-MASSIVE SULPHIDES

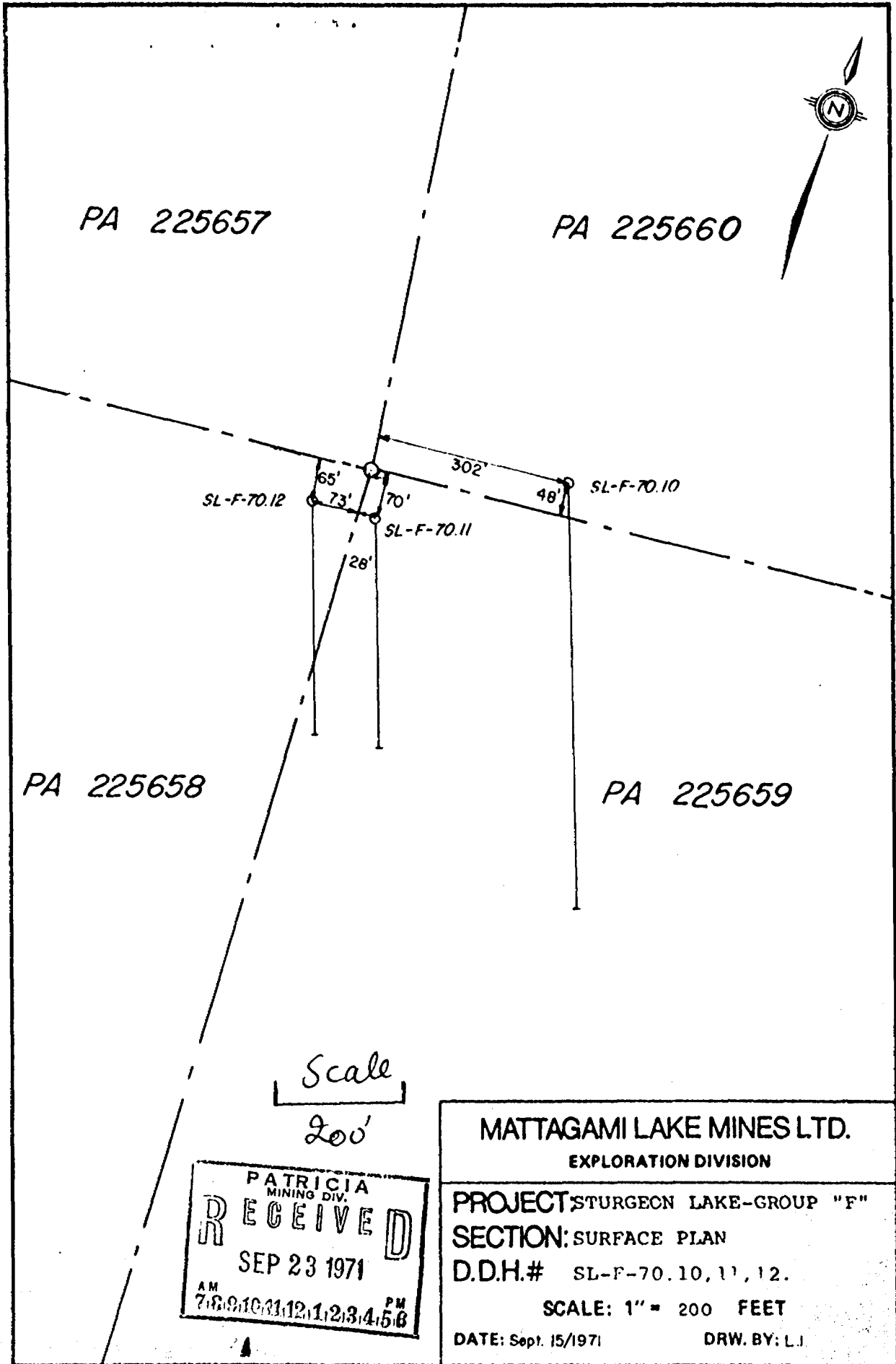
RHYOLITE

FRAGMENTAL RHYOLITE

RHYOLITE

Scale
100'

PATRICIA
 MINING DIV.
EUCLIDE
 SEP 2. 1971
 AM 7:50
 PM 4:56



PA 225657

PA 225660

PA 225658

PA 225659

SL-F-70.12 65' 73' 70' 302' 48' SL-F-70.10
 SL-F-70.11
 28'

Scale
 200'

PATRICIA
 MINING DIV.
RECEIVED
 SEP 23 1971
 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

MATTAGAMI LAKE MINES LTD.
 EXPLORATION DIVISION
 PROJECT: STURGEON LAKE-GROUP "F"
 SECTION: SURFACE PLAN
 D.D.H.# SL-F-70.10, 11, 12.
 SCALE: 1" = 200 FEET
 DATE: Sept. 15/1971 DRW. BY: L.J.

P.A
211905
STORGEON LAKE

Scale
100'

SL-F-70.23

PA 211905
PA 211906

RHYOLITE
BRECCIATED RHYOLITE
RHYOLITE FRAG. RHY
RHYOLITE

FRAGMENTAL RHYOLITE

DACITE

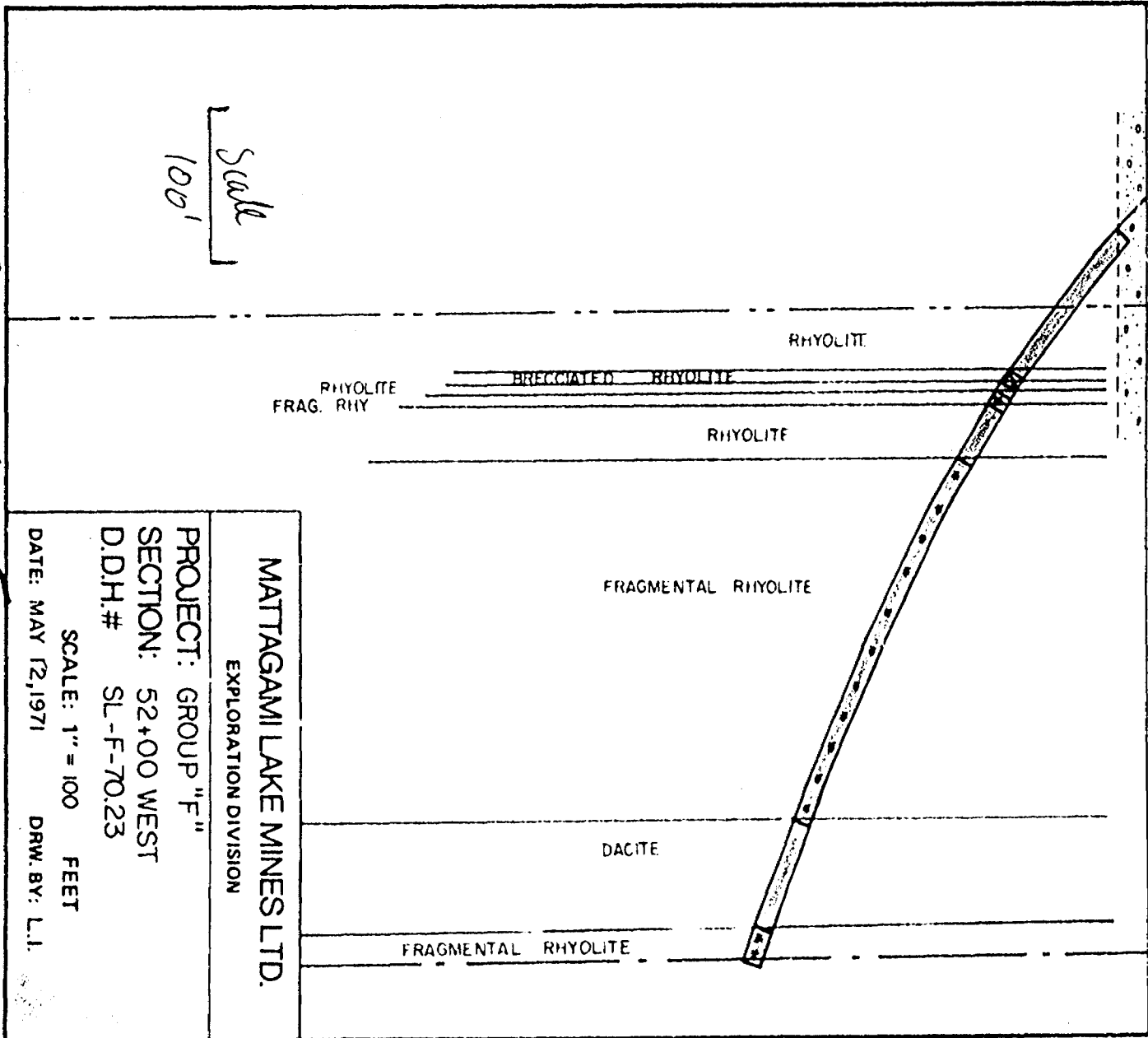
FRAGMENTAL RHYOLITE

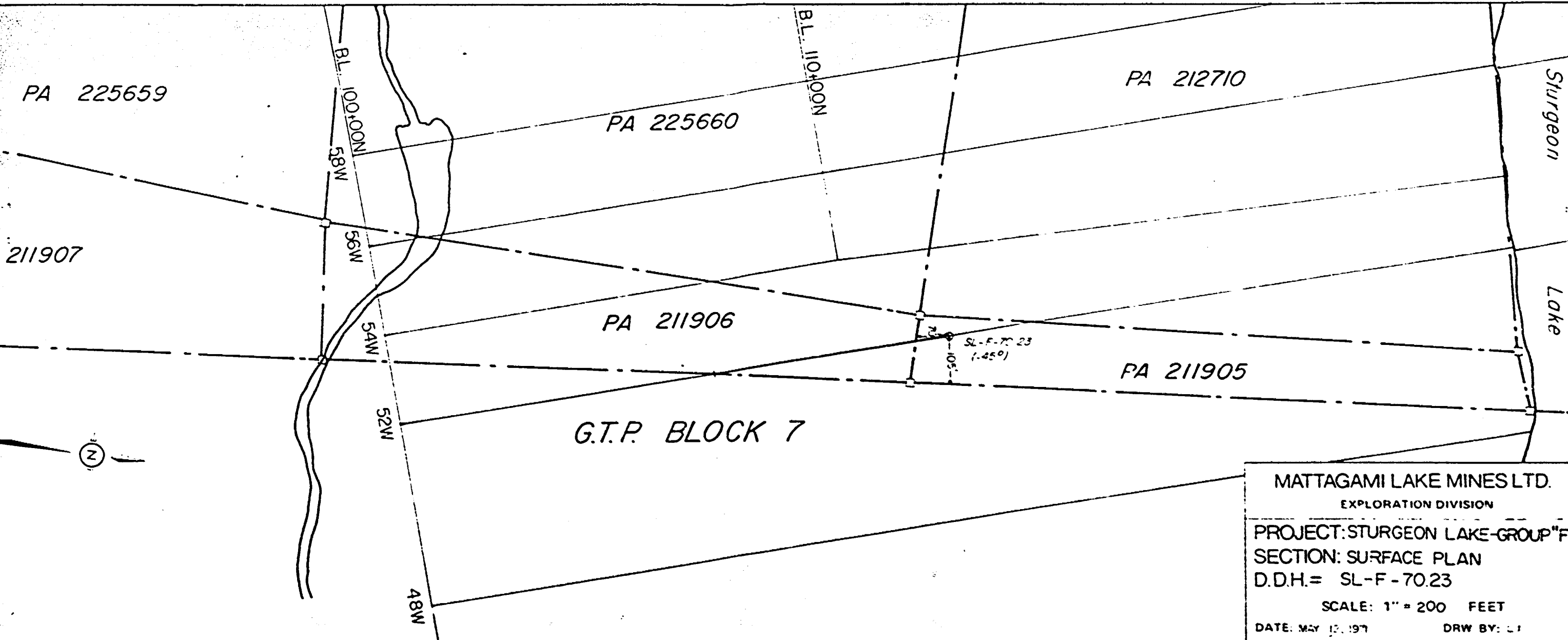
PA 211906
G.T.P. BLOCK 7

MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION

PROJECT: GROUP "F"
SECTION: 52+00 WEST
D.D.H.# SL-F-70.23

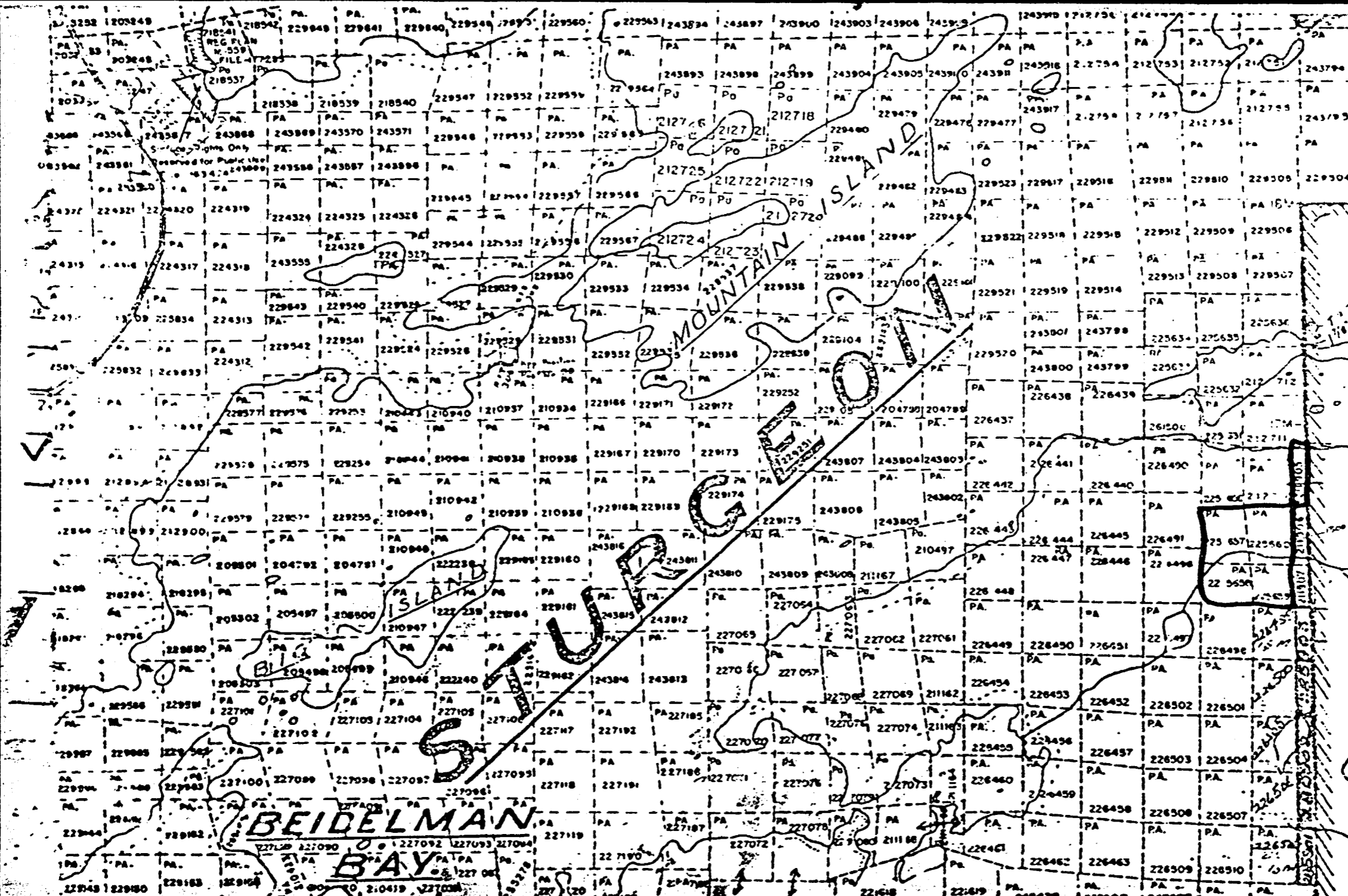
SCALE: 1" = 100 FEET
DATE: MAY 12, 1971
DRW. BY: L.I.





MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION
PROJECT: STURGEON LAKE-GROUP "F"
SECTION: SURFACE PLAN
D.D.H. = SL-F-70.23
SCALE: 1" = 200 FEET
DATE: MAY 12, 1971 DRW BY: L.J.

Scale
200'

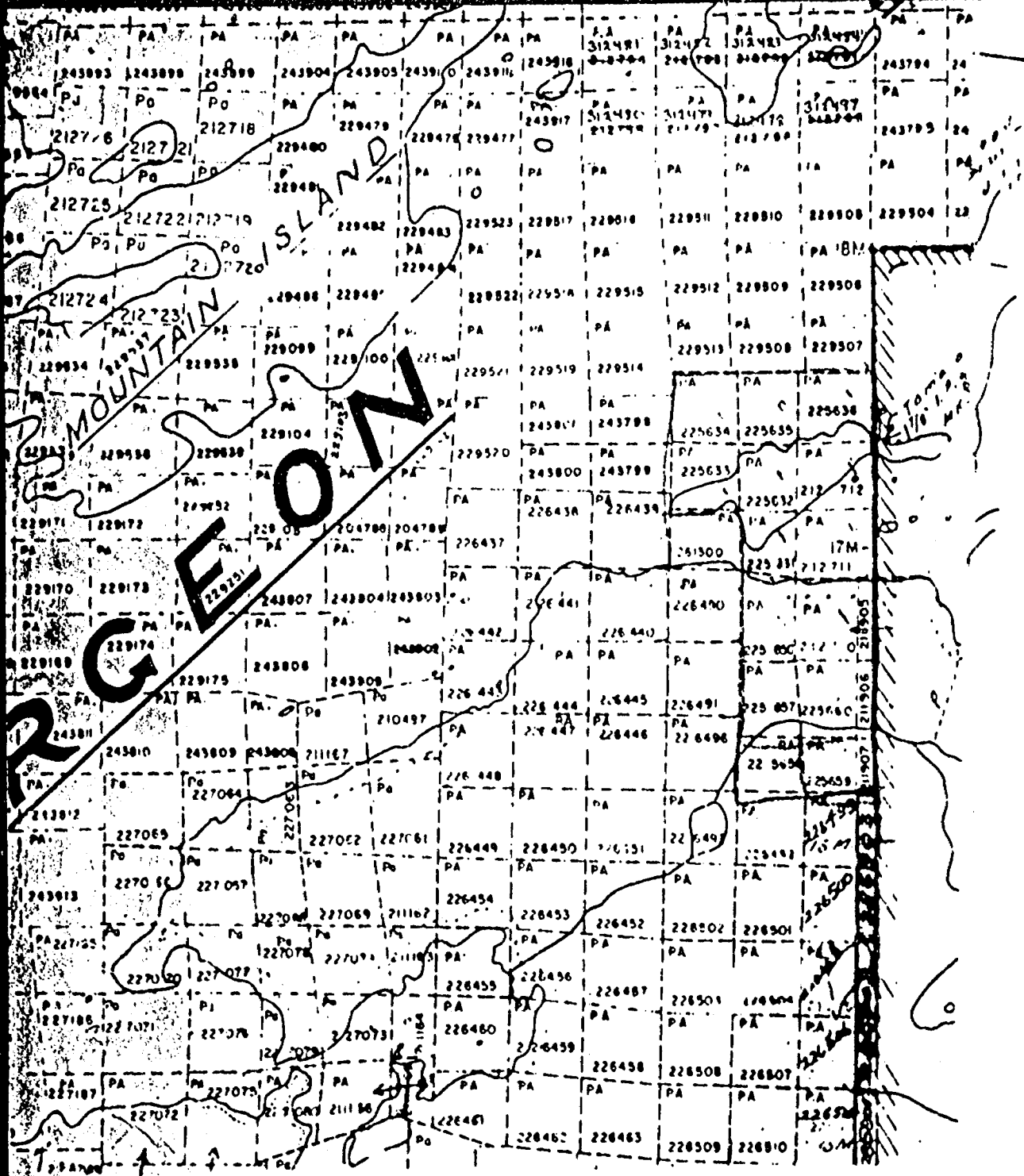


Valara LK
M-2052
Scale

40 chains

S29/145E

S.W. PT. STURGEON LAKE
M-2266



SW PT. STURGEON LAKE

M-2266

Valara hK
M-2052
Scale

40 chains

52 G/14 SE



52G14SE0053 52G14SE0033 VALORA LAKE



M-2266

900

ONTARIO

ACT REPORT OF WORK

A separate form is required for each type of work to be recorded.

#120

To the Recorder of.....PATRICIA.....Mining Division

I,.....MATTAGAMI LAKE MINES LIMITED.....T 84

name of Recorded Holder Miner's Licence

Suite 205 - 8 King Street East, Toronto, Ontario, Post Office Address

do hereby report the performance of580... days of .diamond.drilling..... type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
PA 211905..	...193	.....	.....	.....	.....
211906..	...193	.....	.....	.....	.....
211907..	...194	.....	.....	.....	.....
.....
.....
.....

All the work was performed on Mining Claim (s) ..PA.211905..... (In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.

For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.

For Compressed Air or Other Power Driven or Mechanical Equipment

Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.

For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.

With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.

For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.

For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Owner of Drill - N. Morissette Diamond Drilling Limited, Haileybury, Ontario.

Hole No.	Angle	Footage	Core Dia.	Dates
SL-F-70-23	-45°	580'	1 5/16"	Oct. 21/70-Oct. 28/70

Date May 12, 1971

Signature of Recorded Holder or Agent J. D. Harvey

The Mining Act Certificate Verifying Report of Work

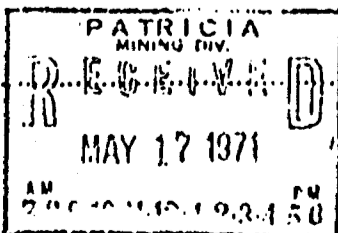
I,.....J. D. Harvey.....

Suite 205 - 8 King St. E., Toronto, Ont. (Post Office Address)

hereby certify:

1. 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.
2. That the annexed report is true.

Dated..... May 12 1971



Signature J. D. Harvey 211905

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

Valera Lake
~~Sixmile Lake~~
M-2877

S.W. PT. STURGEON

GROUP F
GROUP 55 11 of 26



ONTARIO

THE MINING ACT REPORT OF WORK

A separate form is required for each type of work to be recorded.

To the Recorder of PATRICIA Mining Division
I, MATTAGAMI LAKE MINES LIMITED T 84
name of Recorded Holder
SUITE 205 - 8 KING STREET EAST TORONTO 1 Miner's Licence
do hereby report the performance of 6015 days of DIAMOND DRILLING
not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days

SEE ATTACHED LIST

RECEIVED
SEP 8 1970
AM 7 30 10 11 12 1 2 3 4 5 6 PM

All the work was performed on Mining Claim (s) SEE ATTACHED LIST
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

OWNER OF DRILL:

MORISSETTE DIAMOND DRILLING LTD.
BOX 789,
HAILEYBURY, ONTARIO.

PATRICIA MINING DIV.
RECEIVED
SEP 14 1970
PM 4 40 1 08 4 50

SEE ATTACHED SHEET FOR LIST OF HOLES

Date MAY 1 1970
Signature of Recorded Holder or Agent
JOHN D. HARVEY

The Mining Act
Certificate Verifying Report of Work

I, JOHN D. HARVEY
SUITE 205 - 8 KING STREET EAST, TORONTO
(Post Office Address)

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.
- That the annexed report is true.

Dated MAY 1 1970
Signature
John D. Harvey
Pa. 212710

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

MATTAGAMI LAKE MINES LIMITED
EXPLORATION DIVISION

WORK PERFORMED ON

<u>MINING CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>
PA 212710 ✓	SL-F-70.2	224.0'
PA 212711	SL-F-70.2	480.0'
PA 212713	SL-F-70.1	601.0'
PA 212716	SL-F-70.3	250.0'
PA 212717	SL-F-70.3	460.0'
PA 225657	SL-F-70.4	705.0'
" "	SL-F-70.5	867.0'
" "	SL-F-70.6	370.0'
" "	SL-F-70.7	884.0'
" "	SL-F-70.8	826.0'
" "	SL-F-70.9	348.0'
TOTAL:		6,015.0' ✓
		<u>6,298.0'</u>

PATRICIA
MINING DIV.
SEP 14 1970
PM 4:50

MATTAGAMI LAKE MINES LIMITED
EXPLORATION DIVISION

GROUP F
& GROUP 55

LIST OF DIAMOND DRILL HOLES

<u>HOLE NO.</u>	<u>ANGLE</u>	<u>FOOTAGE</u>	<u>CORE DIAM.</u>	<u>DRILLING DATES</u>
SL-F-70.1	-60°00'	601.0'	1-5/16"	February 15-19/1970
SL-F-70.2	-55°00'	704.0'	1-5/16"	February 21-27/1970
SL-F-70.3	-55°00'	710.0'	1-5/16"	March 1-7/1970
SL-F-70.4	-45°00'	705.0'	1-5/16"	March 13-19/1970
SL-F-70.5	-45°00'	867.0'	1-5/16"	March 22-31/1970
SL-F-70.6	-45°00'	370.0'	1-5/16"	April 3-6/1970
SL-F-70.7	-45°00'	884.0'	1-5/16"	April 11-21/1970
SL-F-70.8	-45°00'	826.0'	1-5/16"	April 9-14/1970
SL-F-70.9	-45°00'	348.0'	1-5/16"	April 16-21/1970

PATRICIA
MINING DIV.
RECEIVED
SEP 14 1970
AM 10 15 1970 PM

MATTAGAMI LAKE MINES LIMITED
EXPLORATION DIVISION

WORK TO BE APPLIED ON FOLLOWING CONTIGUOUS CLAIMS:

<u>CLAIM NO.</u>	<u>DAYS</u>	<u>CLAIM NO.</u>	<u>DAYS</u>
PA 22657	1	PA 205378	200
" ✓ 212710	1	" 205379	200
" ✓ 212711	1	" 205380	200
" ✓ 212713	1	" 205381	200
" 212716	1	" 205382	200
" 212717	1	" 205383	200
" 225640	1	" 222980 ✓	200
" 225642	1	" 222981 ✓	200
" 225644	1	" 222982 ✓	200
" 225646	1	" 225551 ✓	120
" ✓ 225653	124	" 225552	120
" ✓ 225654	124	" 225553	120
" ✓ 225655	124	" 225554	120
" 205367 - 205367	124	" 225555	200
" 205368	124	" 225556 ✓	200
" 205369	200	" 225557	120
" 205370	200	" 225558	120
" 205371	200	" 225559	120
" 205372	200	" 225560	145
" 205373	200	" 225561	200
" 205374	200	" 225562	200
" 205375	200		
" 205376	200		
" 205377	200		

PATRICIA
MINING DIV.
RECEIVED
SEP 14 1970
AM 10:10 1970 PM

SW Pt. SURGEON LAKE

M-2266

#340



ONTARIO

THE MINING ACT REPORT OF WORK

A separate form is required for each type of work to be recorded.

To the Recorder of..... PATRICIA..... Mining Division
I,..... MATTAGAMI LAKE MINES LIMITED..... T 84
name of Recorded Holder Miner's Licence
..... Suite 205 - 8 King Street East..... Toronto.....
Post Office Address

do hereby report the performance of 1760 days of Diamond Drilling.....
type of work
not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
PA 212710	126	PA 225634	126	PA 225659	125
212711	126	225635	126	225660	125
212712	126	225636	126		
225631	126	225656	126		
225632	126	225657	125		
225633	126	225658	125		

All the work was performed on Mining Claim (s) PA 225658, 225659, 225660
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Owner of Drill: N. Morissette Diamond Drilling Ltd.,
Box 789, Halleybury, Ont.

SEE ATTACHED SHEET FOR DETAILS

Date: 21/7/71
Signature of Recorded Holder or Agent: John D. Harvey

The Mining Act
Certificate Verifying Report of Work

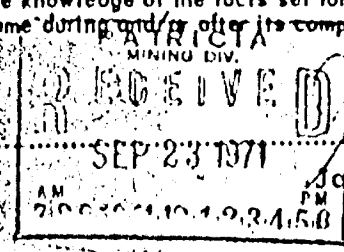
JOHN D. HARVEY

Suite 205, 8 King Street East, Toronto
(Post Office Address)

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.
- That the annexed report is true.

Date: 19/7/71



Signature: John D. Harvey

Pa: 212710

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

<u>Holes No.</u>	<u>Angle</u>	<u>Footage</u>	<u>Core Dia.</u>	<u>Date</u>
SL-F-70-10 ? 225660 Pa 225660	-45°	811 (68)	1 5/16"	April 24 - May 6, 1970
SL-F-70-11 ? 225659 Pa 225659	-45°	429 (743 429 137)	1 5/16"	April 23-25, 1970
SL-F-70-12 ? 225658 Pa 225658	-15°	520 (383)	1 5/16"	April 28 - May 1, 1970
		<u>1760</u>		

NOTE:

Hole SL-F-70-10, collared on claim PA 225660, drilled 68 feet in PA 225660, and 743 feet in PA 225659

SL-F-70-12
Hole SL-F-70-12, collared on claim PA 225658, drilled 383 feet in PA 225658 and 137 feet in PA 225659

225658

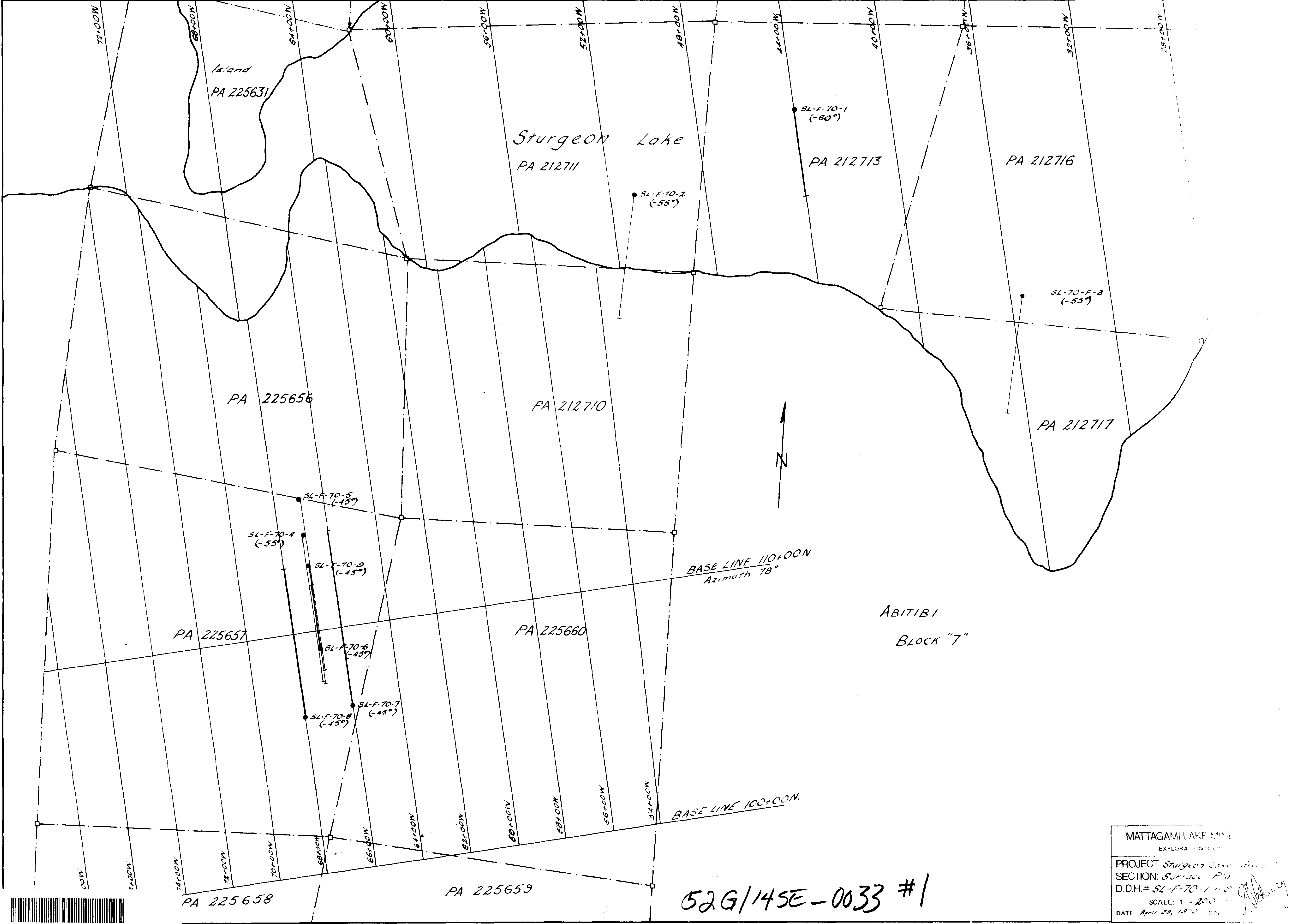
PA 225659

FOR ADDITIONAL

INFORMATION

SEE MAPS:

52G/14SE-0033 # 1



52G/14SE-0033 #1

MATTAGAMI LAKE MINE	
EXPLORATION DIVISION	
PROJECT: Sturgeon Lake	
SECTION: Surface Plan	
D.D.H.# SL-F-70-1	
SCALE: 1" = 200'	
DATE: April 29, 1970	DRW: [Signature]