

ASSESSMENT REPORT

ON

INDUCED POLARIZATION

CONDUCTED ON CLAIMS

724587	-	724591
740864	-	740873
752195	-	752205
779457	-	779461
779509	-	779515
825436	-	825440

Located in the Bristol Township in the Porcupine Mining District, Ontario.

RECEIVED

NOV 26 1985

P. Diorio November 15, 1985

Submitted by:

MINING LANDS SECTION



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I INTRODUCTION

This report covers geophysical surveys carried out by UTAH MINES LTD., Suite 900, 25 Adelaide St. East, Toronto, Ontario, on two claim groups located in the Bristol Township within the Porcupine Mining District of Ontario. The property is currently under option by Utah Mines Ltd. from Mr. Rolland Poirier, sole holder to the mining rights, who resides at 561 Birch St. North, Timmins, Ontario.

Induced polarization surveys were carried out to detect disseminated sulphides hoped to be associated with economic gold mineralization.

A. Location and Access

The property consisting of two claim groups, is located approximately 12 miles southwest of the Timmins City Centre in Bristol Township (Figure 1). Easy access is afforded to the larger claim group (38 claims) via highway 101 which crosses the southwest corner of the property. The smaller group (5 claims) is in the same vicinity and may be accessed by highway 144.

B. Local Geology

The following information was obtained from Ferguson (1959). The entire "five claim group" is shown to be underlain by Kewatin andesite. The northwest half of the main claim group is mapped as Kewatin andesite with some rhyolite. The southeastern part of this claim group is mapped as greywacke and argillite intruded by quartz feldspar porphyry. All units are cut by Matachewan diabase dykes trending north and northwest.

C. Exploration History

The following drill results are compiled from Ferguson (1959). D.D.H. numbers are shown (where possible) on Figure 2.



DRILL RESULTS

D.D.H.	HOST ROCK # OF	FEET ASSAYED	GRADE AVERAGE
1	Quartz veined graphitic slates	160	.02 to .06 oz/T Au
	porphyry with quartz stringers	60	.02 to .04 oz/T Au
2	Graphitic slate	50	.02 to .08 oz/T Au
3	Porphyry with quartz calcite-tourmaline	20	.02 to .04 oz/T Au
4	Graphitic slate	1	.01 oz/T Au
5	Graphitic tuffs	50	.02 oz/T Au
6	Porphyry with quartz and arseno needles	421-433	.02 oz/T Au
7	Slate tuffs	781-874	.02 oz/T Au
8			trace Au
9	Agglomerates & tuffs	3 separate samples from 497-723	.02 to .04 oz/T Au
	Graphitic slates with quartz carbonate stringers	73	.02 oz/T Au

No further drilling has been recorded on the property in both east and west sectors since 1945. Dome Mines optioned the Cortez ground in 1973, conducted Mag and EM survey. No significant conductors were recorded and the property was subsequently dropped.

(2)







11 INDUCED POLARIZATION SURVEY

A. Survey Grid

Survey grids were established with east-west base lines. Traverse lines were cut at 400' intervals using conventional compass and chain techniques. Pickets were established at 100' intervals along each line and marked with the appropriate line and station designation. Control lines were cut so as to intersect the ends of all traverse lines.

A total of 38.9 miles of grid were cut on the main claim group, of which 33.1 miles were surveyed. An additional 3 miles of grid was cut and surveyed on the small claim group.

B. Survey Method and Instrumentation

This survey employed a Crone Geophysics Ltd. 250 watt time domain transmitter and a Scintrex Ltd. IPR-11 induced polarization receiver. Both were operated with a 2-second "on" and 2-second "off" cycle. The IPR-11 measures and records primary voltage and 10 chargeability slices. For the sake of convenience, the chargeability (see Table 1 and Table 2) data has been taken from the "M8" slice with a 1.050 second delay and 0.360 second integration time. The IPR-11 is capable of measuring and recording up to 6 dipoles simultaneously. During this survey, 4 dipoles (N = 1 to 4) were measured simultaneously with an "A" spacing of 200'.

The survey was performed with a 4-man crew. One man operated the transmitter and moveD the single transmitter dipole. One man operated the receiver while the remaining two crew members set up the 4-receiver dipoles. Both transmitter and receiver electrodes consisted of stainless steel rods. Standard 18 gauge "IP wire" was used for all connections.

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TABLE 1. IPR-11 TIMING DATA

MODE Sec.	SLICE	DURATION ms	FROM ms	TO ms	MID-POINT ms	MODE Sec.	DURATION ms	FROM ms	TO ms	MID-POINT ms
0.2	0 1 2	3 3 3	3 6 9	6 9 12	4.5 7.5 10.5	0.2	512 512 1024	384 384 768	896 896 1792	640 640 1280
	3	3 18	12 15	15 33	13.5 24	4.0	2048	1536	3584	2560
	5	18	33	51	42					
	6	18	51	69	60					
	7	36	69	105	87					
	8	36	105	141	123					
	9	36	141	177	159					
1.0	0	15	15	30	22.5					
	1	15	30	45	37.5					
	2	15	45	60 7 E	52.5 67 5					
	5	15	75	165	120					
	4 5	90	165	255	210					
	6	90	255	345	300					
	7	180	345	525	435					
	8	180	525	705	615					
•	9	180	705	885	795					
2.0	0	30	30	60	45					
	1	30	60	90	75					
	2	30	90	120	105					
	3	30	120	150	135					
	4	180	150	330	240					
	5	180	330	510	420					
	6	180	510	690	600					
	/	360	690	1050	870					
	8 9	360	1410	1410 1770	1230 1590					
<i>k</i> 0	0	60	40	120	00					
4.0	1	60 60	120	120	90					
	2	60	120	240	210					
	3	60	240	300	270					
	4	360	300	660	480					
	5	360	660	1020	840					
	6	360	1020	1380	1200					
	7	720	1380	2100	1740					
	8	720	2100	2820	2460					
	9	720	2880	3540	3180					



3.

FIGURE 3: Pseudosection Plotting Convention. "A" = 200' N = 1,2,3, and 4

C. Output

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The data are presented in two forms:

- For N = 1 resistivity and chargeability data, simple contoured plans have been produced. Surface projection of all anomalies shown as solid bars on the chargeability maps.
- (2) Contoured pseudosections. Plotted in idealized plan format, these show all four N spacings and data values for both resistivity and chargeability. The pseudosection "plans" are not to scale, but are plotted in this manner to show all data in a concise form.

All data was acquired digitally and processed and plotted using HP-85 and HP-9848 computers.

III INTERPRETATION AND RECOMMENDATIONS

The surface projection of anomalies is shown on the chargeability plans and pseudosections. For the most part, resistivity is dominated by overburden thickness and is not a good anomaly indicator.

A number of low magnitude anomalies are noted on the accompanying maps.

Anomaly B and in particular anomaly B4 is of interest since it coincides with anomalous gold samples taken from a quartz carbonate vein. This zone is recommended for drill testing. Anomaly C is the most attractive target strictly from the IP results, however, the absence of encouraging support from soil geochem, geologic mapping and bedrock sampling render this a lower priority target.

P. Diorio

November 15, 1985 PD/ca

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Ferguson, S.A.; (1957) Geology of Bristol Township Sixty Sixth Annual Report of the Ontario Department of Mines, Vol. LXVI, Part 7, 1957.



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TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Induced Polarization	
Township or Area <u>Bristol Township</u>	MINING CLAIMS TRAVERSED
Claim Holder(s) Utah Mines Ltd.	List numerically
Survey CompanyUtah_Mines_Ltd.	P 724587 752203
Author of Report Diorio	
Address of Author <u>Suite 900, 25 Adelaide St. E. Toronto</u>	724590 752205
Covering Dates of Survey <u>Sept. 6, 1964 to November 15, 1969</u> (linecutting to office)	P 724591 779457
	740864 779458
SPECIAL PROVISIONS DAYS CREDITS REQUESTED Complementary per claim.	740865 779459
ENTER 40 days (includes line cutting) for first —Magnetometer	<u>9</u>
survey. –Radiometric	<u>p</u>
additional survey using Geological	<u>p</u> 740869779510
Geochemical	<u>p</u> 740870779511
<u>AIRBORNE CREDIIS</u> (Special provision credits do not apply to airborne surveys) MagnetometerElectromagnetic Radiometric	<u>p</u> 740871779512
(enter days per claim)	<u>p</u> 740872779513
DATE: Nov. 15/85 SIGNATURE:	
	<u>p</u> 752195779515 750107 825436
Res. GeolQualifications	<u>p</u> <i>152</i> 195 752197 825437
File No. Type Date Claim Holder	P 752198 825438
	P. 752199 825439
	P 752200 825440
	р 752202
	TOTAL CLAIMS 43

GEOPHYSICAL TECHNICAL DATA

Number of Stations		Number of	Readings	Chargeabilit Resistivity	y 2530 x 2530 x
Station interval	100'	Line spacir	ng	400'	
Profile scale					
Contour interval	Chargeability 2 MV/V,	Resistivity 10	0, 1000,	5000 ohm-mete	ers
Instrument					
Accuracy – Scale c	onstant				
Diurnal correction 1	nethod	·			
Base Station check-	in interval (hours)	····		· · · · · · · · · · · · · · · · · · ·	
Base Station locatio	n and value				
Instrument			·····		
Coil configuration _		t angle			
Coil separation		-			
Accuracy					
Method:	Fixed transmitter	Shoot back	🗆 In li	ine 🗌 Pa	arallel line
Frequency					
. Trequency	(s	pecify V.L.F. station)	/ kee ee	······	
Parameters measure	d		· · <u></u>		
Instrument					
Scale constant					
Corrections made		· · · · · · · · · · · · · · · · · · ·			
Base station value as	nd location				
Elevation accuracy_					<i></i>
Instrument	Scintrex IPR-11 Re	ceiver, Crone 2	50W Tran	smitter	
Method I Time	Domain	🗀 Fre	quency Do	omain	
Parameters – On tin	ne <u>2 Sec.</u>	Fre	quency		
– Off tin	ne <u>2 Sec.</u>	Rar	1ge		<u></u>
– Delay	time <u>1050 Msec.</u> (Slice				~
– Integr	ation time <u>360 Msec (Slice</u>				
Power	250 Watt	•			
Electrode array	Dipole - Dipole				
Electrode spacing	200 feet, N = 1, 2, 3, 4				
Tuna of electrode	Stainless Steel				

SELF POTENTIAL

Instrument	Range
Survey Method	
Corrections made	
	
ΡΑ ΔΙΩΜΕΤΡΙΩ	
Instrument	
Values measured	
Fnergy windows (levels)	
Height of instrument	Backmound Count
Size of detector	
Overburden	
(typ	e, depth — include outcrop map)
OTHERS (SEISMIC, DRILL WELL LOGGING	GETC.)
Type of survey	
Instrument	
Accuracy	
Parameters measured	
Additional information (for understanding resu	alts)
<u>AIRBORNE ŞURVEYS</u>	
Type of survey(s)	
Instrument(s)(spectrum)	cify for each type of survey)
Accuracy	
(spe	cify for each type of survey)
Anciait useu	
Sensor annual	
wavigation and hight path recovery method	
Aircraft altitude	Line Spacing
Miles flown over total area	Over claims only

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken_____

Total Number of Samples	— ANALYTIC	AL METHOD	S
Type of Sample (Nature of Material) Average Sample Weight		per cent p. p. m. p. p. b.	
Method of Collection	Cu, Pb, Zn, Ni, Co,	Ag, Mo,	As,-(circle)
Soil Horizon Sampled	Others		
Horizon Development	Field Analysis (tests)
Sample Depth	Extraction Method		
Terrain	Analytical Method		<u></u>
	Reagents Used		
Drainage Development	Field Laboratory Analysis		
Estimated Range of Overburden Thickness	No. (<u> </u>	tests)
	Extraction Method		
	Analytical Method		
	Reagents Used		<u> </u>
SAMPLE PREPARATION	Commercial Laboratory (_		tests)
(Includes drying, screening, crushing, ashing)	Name of Laboratory		·
Mesh size of fraction used for analysis	Extraction Method		
	 Analytical Method		
	Reagents Used		
	General		
General			
		. <u></u>	
			<u></u>

Ontario	ort of Work ophysical, Geological, chemical and Expend	- itures)	-383	185 11 8666.	nstructions: Note:	Please type If number exceeds spa Only days "Expenditu in the "E	or print. of mining claim ice on this form, a credits calculat ires" section may xpend. Days Cr.	Dergy 7. s traversed ottach a list. ed in the be entered ' columns.
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Induce	d Polarization	l			Bris	tol Tow	nship	
Claim Holder(s)	Minor Iti					Prospector	s Licence No.	
Address	Mines Ltd.				·····	<u> </u>	93	
Suite	900 25 Adel	aide St.	East, T	oronto, On	tario M5	C 1Y2	•	
Survey Company	Mános Ital			Date of Survey 07 05	(from & to) 85 31	05 85	Total Miles of line	Cut
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Peter	Diorio, Utah	Mines Lt	d. (as a	bove)				
Credits Requested per Each	Claim in Columns at r	ight	Mining Cla	ims Traversed (List in nume	rical sequer	nce)	
Special Provisions	Geophysical	Days per Claim	Mir Prefix	ning Claim Number	Expend. Days Cr.	Mi Prefix	ning Claim Number	Expend. Days Cr.
For first survey:	- Electromagnetic		Р	724587		Р	752202	
includes line cutting)	- Magnetometer			724588			752203	
For each additional survey:	- Radiometric			72/589		-	752200	
using the same grid:	- Other	20		72/500	+	}	752204	
Enter 20 days (for each)	IP	20		724590	- <u>-</u>		752205	·
	Geological	<u> </u>]		724591			779457	
Man Dave	Geochemical			740864			779458	
	Geophysical	Days per Claim		740865		an a	779459	
and enter total(s) here				740866 `		and the second	779460	
	- Magnetometer			740867			779461	
UU 1 0	- Radiometric			•			779509	
MININO LAN	DO TOTON			7/0868			770510	
WINNING LAW	US SECTION			740000			779510	
				740869		-	//9511	
Airborne Credits	Geochemical	Days per		740870			779512	
		Claim		740871	·		779513	
Note: Special provisions credits do not apply	Electromagnetic			740872			779514	i vice legi
to Airborne Surveys.	Magnetometer			740873			779515	
	Radiometric			752195			825436	
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Type of Work Harorman L				752197			825/38	
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				752199			825440	were
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Date Re	orded Holder or Agent (Signature)	840	Date Approved	as Recorded	Branch Dir	ector	
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I hereby certify that I have a	personal and intimate k	nowledge of th	he facts set fo	rth in the Report	of Work anney	ed hereto h	aving performed +	he work
or witnessed same during and	l/or after its completion	and the annex	ed report is t	rue.				
Name and Postal Address of Per Peter Diorio Utal	son Certifying							
Toronto Ontario	M50 1V2	uite 900,	25 Ade	Date Certified	1005	Certified b	y (Signature)	
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GEOCHEMISTRY	OF ROCKS				Township	O OF Area Y LAKE AREA (G-	613)
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ddress		/ 07 m-					
2 CIVIC CEILE	r court, Suite	407, 10	ronto, Or	Date of Surve	5A3 ev (from & to)	Total Miles of	line Cut
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Bruce Mackie,	P.O. Box 40, Ma	arathon	, Ontario	POT 2EO			
edits Requested per Each	Claim in Columns at r	right	Mining Cl	aims Traversed	(List in num	erical sequence)	
pecial Provisions	Geophysical	Days per Claim	Prefix	ining Claim Number	Expend. Days Cr.	Mining Claim Prefix Number	Expend Days C
For first survey:	- Electromagnetic		ТВ	660376	8		
includes line cutting)	- Magnetometer			660377	8		
For each additional survey:	- Radiometric			660378	40		
Using the same grid: Enter 20 days (for each	- Other			660379	40		
	Geological			660380	40		
	Geochemical			661867	33		
lan Days	Geophysical	Days per Claim					
Complete reverse side and enter total(s) here	Electromagnetic						
C.F.	Magnetometer						
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	Other						·
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	Geochemical						
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me and Postal Address of Per	son Certifying	no the anne	exect report is t	FUE.			
ruce Mackie, P.O	. Box 40, Marat	hon, On	tario P(OT 2EO			

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Ministry of Northern Affairs and Mines Ontario

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Technical Assessment Work Credits

File
2.8666
Mining Recorder's Report of
383

hip or Area BRISTOL TOWNSHIP Type of survey and number of Assessment days credit per claim Dhysical betromagnetic days ignetometer days diometric days fuced polarization 17 days days her days on 77 (19) See "Mining Claims Assessed" column days ogical days hemical days Man days Airborne	Mining Claims Assessed P 724587 to 91 inclusive 740864 to 73 inclusive 752195 to 205 inclusive 779457 to 61 inclusive 779509 to 14 inclusive 825436 to 40 inclusive
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Credits have been reduced because of partial coverage of claims.	
to work dates and figures of applicant.	
l credits under section 77 (16) for the following mining claim	ms
dits have been allowed for the following mining claims	
not sufficiently covered by the survey	ent technical data filed
P 779515	
n an Dan an Anna an Ann	t the total number of energy of exercise days were days were deal as a set of the days
the maximum allowed as follows: Geophysical - 80; Geologocal - 40,); Geochemical - 40; Section 77(19) - 60.
;/9)	

UTAH MINES LTD.

MINERAL EXPLORATION

SUITE 900, 25 ADELAIDE STREET EAST, TORONTO, ONTARIO, CANADA M5C 1Y2 (416) 368-3884

November 26, 1985

Mr. Ray Pichette, Supervisor Mining Land Section, Ministry of Natural Resources, Room 6610, Whitney Block, 99 Wellesley Street, West, Toronto, Ontario. M7A 1W3

Dear Sir:

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Please find enclosed duplicate copies of an assessment report covering geophysical surveys performed on claims in Bristol Township.

Respectfully submitted,

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P.A. Diorio

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Enclosures: 2 Assessment Reports 2 Technical Data Statements 2 Sets of Plan Maps

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MINING LANDS SECTION



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Ministry of Natural Resources

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Your File: 383 Our File: 2.8666

Mining Recorder Ministry of Northern Development and Mines 60 Wilson Avenue Timmins, Ontario P4N 2S7

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt Director Land Management Branch

Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3

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Encls.

cc: Utah Mines Ltd Suite 900 25 Adelaide Street East Toronto, Ontario M5C 1Y2 Attention: Peter Diorio

Mr. G.H. Ferguson Mining & Lands Commissioner Toronto, Ontario



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Ministry of Natural Resources Notice of Intent for Technical Reports

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An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent previous disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



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Mining Lands Section

File No 2. 8666

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Control Sheet

TYPE OF SURVEY ____ GEOPHYSICAL

GEOLOGICAL

GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

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Signature of Assessor

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Date

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Your File: 383 Our File: 2.8666

Mining Recorder Ministry of Northern Development and Mines 60 Wilson Avenue Timmins, Ontario P4N 2S7

Dear Sir:

RE: Notice of Intent dated December 10, 1985 Geophysical (Induced Polarization) Survey on Mining Claims P 724587, et al, in Bristol Township

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

S.E. Yundt Director Land Management Branch

Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3 Phone:(416)965-4888

SH/mc

cc:Utah Mines LtdMr. G.H. FergusonSuite 900Mining & Lands Commissioner25 Adelaide Street EastToronto, OntarioToronto, OntarioMSC 1Y2Attention: Peter DiorioTimmins, Ontario

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M9G +	46 + 1288 + 618 - + 1115 + 1168 + 5043 + 3212	20M + + 322 + 272 + 273 + 345 + 340 + 266 + 676 + 7342 + 676 + 474 + 375 + 465 + 223 + 830 + 243 + 7655 + 3672 + 8653 + 76
	· 7205 + 5054 + 2715 + 2484 + 4845	4907 + 7827 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 + 7107 +
	100 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 100000 + 100000 + 1000000 + 100000 + 100000 + 100000 + 1000000 + 100000000	+ 807 + 3078 + 220 + 74554 + 7854 + 7738 1378 + 7458 + 5448 + 7482 + 684 - 7489 + 7480 + 7270 + 2075 + 2058 + 85
	2019 + 5000 + 5172 + 8171 + 9992 + 8616 -	+ 849 + 349 + 349 + 349 + 484 + 3355 + 3255 + 3255 + 3255 + 4286 + 489 + 489 + 489 + 489 + 489 + 489 + 489 + 489
MUQ *	RISTINGCII A RECO A RECO A // AT A DEET	
MU9 +	01011 m.0811 + 0130 + 0000 + 2201 + 8411 + 8	ייש אונגער איזט איזטער איזטער פרא איזער איזעגאאָאאָאָאָאָאָאָאָאָאָאָאָאָאָאָאָאָאָ
	- 1881 8- 5044 + 5473 + 3606 + 3783	- 750 + 635 + 5125 + 5105 + 751 + 10595 + 7516 + 7617 + 1614 + 3714 + 2045 + 2455 + 2125 + 5105 + 1753 + 4878
	70 + 5764 + 2478 + 6472 + 1971 + 4648	+ 230 + 314 + 8100 + 128 + 1888 + 1898 + 1898 + 1898 + 1898 + 1898 + 1898 + 1898 + 1897 + 1898 + 1898 + 1898 + 1
	1723 + 6478 + 6397 + 2810 + 4170 + 1004	+ 1240 + 313 + 168 + 3818 + 851 + 835 + 1306 + 5314 + 7018 + 806 + 2881 + 1013 + 886 + 3881 + 3824 + 3824
MVS	9 +	Q 4 M + + 335 + 1485 + 305 + 737 + 445 + 850 + 808 + 847 + 7518 + 882 + 7380 + 7508 + 7704 + 838 + 7075 + 4082 + 80
	4048 + 848 + 8581	+ 5787 + 3888 + 6914 + 1778 + 1248 + 5359 + 5080 + 3885 + 1423 + 1430 + 2818 + 5749 + 5473 + 2040 + 10378 32077

	+ 1558 + 240 + 5021 + 1318 + 1054 + 685 + 844 + 1821 + 1550 + 226 + 216 + 1834 + 1584 + 1248 + 682 + 5402 + 2332 + 4168 + 2336 + 1368 + 2828	
MB9 +	+ 1066 + 540 + 841 + 449 + 853 + 574 + 704 + 463 + 844 + 830 + 814 + 870 + 754 + 7773 + 7583 + 7842 + 5700 + 8838 + 3537 + 5767 + 5777	+ M89
	+ 820 + 3004 + 1388 + 8343 + 4532 + 1501 + 1626 + 1515 + 1515 + 3558 + 5164 + 58826 1152 + 5588 I	
	+ 1487 + 2944 + 4669 + 3881 + 1852 + 1736 + 1854 + 1856 + 1866 + 2056 + 2056 + 2953 + 2776+ 11334 887 - 4 1341	
	+ 1083 + 3323 + 3823 + 5833 + 1285 + 1338 + 1824 + 1041 + 1041 + 1032 + 5383 + 5833 + 5833 + 2855 + 5211 + 1828 + 4828	
M57 +	+ 1012 + 5444 + 8803 + 1887 + 832 + 832 + 1723 + 1528 + 910 + 234 + 1500 + 2121 + 2288 + 5585 + 5578 + 5151 + 5018 + 7428	+ MST
	+ 5984 + 15/1 + 978/ + 18915+ 398/3+ 5480 + 3480 + 3480 + 3480 + 31953+ 4/44 + 1558 + 4/87 + 5555 + 5884 + 5558	
	+ 3031 + 5551 + 6556 + 10355 11686 13223 + 3250 + 8564 + 3550 + 8153 + 6162 - + 5460 + 16263 - 3526 + 5522 + 8340	
	+ 1894 + 2104 + 10609+ 11347+ 6574 + 6772 + 6772 + 6772 + 789 + 6777 + 780 + 4600 + 4256 + 11057+ 2689 + 625 + 5115 + 612	
M92 +	+ 125 + 1040 + 8595 + 58818 8244 + 2215 + 5281 + 3548 + 1117 + 248 + 1117 + 285 + 1248 + 1548 + 1548 + 10080 1188 + 2503 + 2503 + 352	+ M92
	+ 4488 + 1882 + 28858 8384 + 1110 + 15588 108106 3801 + 3520 + 11435 13130 8802 + 3443 + 2840 + 4404 + 4822 + 5188	
	+ 4657 + 3164 + 50854 13874 13674 14654 + 143174 6866 + 1622 + 10469 181874 13869 3969 + 8452 + 2850 + 1847 + 1307	
	+ 5325 + 5224 + 51284 + 51284 + 8485 + 8838 + 125234 8888 + 3883 + 8304 + 188254 8002 + 2828 + 8183 + 4832 + 1418 + 888 - + 824	
M08 +	944 + 1821 + 1011 + 3231+ 1011 + 8031 + 8031 + 28013 + 28013 + 1848+ 14848+ 14808+ 2848 + 14808 + 3318 + 818 + 988 + 978 + 9781 + 1011 + 3231+ 1011 + 8031 + 11211 + 11211 + 11211 + 11211 + 11211 + 11211 + 11211 + 11211 + 1	+ M08
	+ 182 + 1803 + 885 + 1882 + 1884 + 10848 + 1880 + 888 + 18848 + 3088 + 10845 + 11487 + 3212 + 5528 + 1103 + 853	
	8161 + 0705 + 840 + 10109 - 2580 + 30898 - 30898 - 30898 - 30898 - 3117 + 14933 - 14936 - 5116 + 2875 + 4676 + 1318	
	+ 1188 + 1828 + 1812 + 1818 + 18112 + 118 + 118 + 8018 + 8124 + 10524 + 10528 + 888. + 18818 + 1883 + 1885 + 1	
M48 +	+ 830 + 7008 + 4111 + 2388 + 8013 + 8880 + 853 + 7875 + 423 + 2785 + 70007+ 70283+ 73230+ 8888 + 2444 + 3318 + 272 + 458 + 352 	+ MÞ8
	+ 53428 3323 + 73842 50682 2788 + 4002 + 8584 + 4002 + 8584 + 3702 + 5884 + 3702 + 5884	
	+ 53150+ 5831 + 5415 + 55812+ 12589+ 48810+ 4853 + 2305 + 1885 + 3582 + 1414 + 1412 + 1898	
	+ 3853 + 3853 + 3834 + 32634 + 7886 + 71836 + 8276 + 827 + 7007 + 7007 + 7827	
WBB +		
	+ 12005+ 1838 + 11880+ 18502+ 18418+ 4141 + 51408+ 8558 + 1818+ 5128+ 5121 + 5110	
	+ 0881 + 8185 + 2004 + 75250+ 3478 2+ 57823+ 5515 + 1715 + 4848 + 2182 + 5345 + 5348 + 5180 + 7887	
	+ 3774 + 5844 + 4879 + 27444 23824 11417 3378 + 5668 + 3397 + 5748 + 3396 + 979 - 17419 + 2162 + 2669	
4 85M	05M + + 1883 + 1905 + 5882 + 4875 + 8754 + 173424 120384 3678 3678 + 605 + 554 + 647 + 1573 + 2658 + 2033	
	+ 13065+ 13066+ 13066+ 13076+ 13076+ 13076+ 13076+ 13067+ 13065+ 13005+ 13065+ 17076+ 17085 + 6876	
	+ 8800 + 8062 + 13844+ 10448+ 55031+ 8478 + 5535 + 1818 + 15304+ 3820 + 1025 + 1774 + 7886 + 5532	
	+ 4690 + 4594 + 5733 + 11649+ 4573+ 11974 + 5745 + 1241 + 5712 + 4999 + 7363 + 7369 + 7300 + 7464	
M96 +	80M + + 5087 + 3887 + 3888 + 17247+ 11185+ 2405 + 2827 + 5008 + 7707 + 5137 + 2840 + 5445 + 1247 + 823	
	+ 2225 + 2584 + 3989 + 7604 + 8184 + 8184 + 8184 + 8184 + 8184 + 5180 + 7885 + 7885 + 7885 + 7885 + 7885 + 7885	
	+ 3228 + 4222 + 141111 2584 + 2080 + 2080 + 2080 + 2080 + 2084 + 1824 + 4824 + 4824 + 4582 + 1748	
	+ 3135 + 5842 + 112048+ 3888 + 1053 + 4351 + 4351 + 4368 + 1368 + 1288 + 3888 + 3870 + 5158 + 1534 + 835	
MODT +	1 100M + 4122 + 3081 + 12587+ 5105 + 4830 + 815 + 1041 + 1108 + 833 + 5455 + 1204 + 815 + 1208 + 815 + 457	
	+ 44044+ 20084 + 8502 + 4455 + 2873 + 74044+ 8084 + 8502	
	+ 5804 + 2140 + 8644 + 7801 + 12245 + 5973	
	+ 3663 + 3630 + 10525 + 3656 + 1052 + 1055 + 1056 +	
	104M + + 5070 + 3884 + 8535 + 14215+ 1128 + 8455 + 1822 + 1822 + 1822 + 833 + 104M	
	19051 + 5688 + 5686 + 5188 + 5188 + 5188 + 5188 +	
	5418 +50841 + 5155 + 3205 +98111 +70161 + 9736 +	
	+ 7355 0 + 8538 + 7623 5 + 8638 + 76235 + 762340 + 8688 + 2005 + 7343	
	108M + + 12080+ 10543+ 1482+ 2807 + 3138 + 1041 + 888 + 1047 + 888 + 108M	
	+ 4351 + 24473+ 54474 + 1830 + 3884 + 20362+ 2783 + 20362+ 2783 + 2086	
	+ 4086 + 8858 + 8880 + 1175 + 2457 + 1777 + 8455 + 11124 5186 + 5018	
	+ 3 331814 E473 + 5878 + 5388 + 7848 + 7445 + 4885 + 3440 + 8823 + 7545 + 7545 +	
	+ 3313 + 1883 + 831 + 8114 + 891 + 8405 + 5088 + 5877 + 4578 + 872 + 1848 + 112W	
	+ 1454 0+ 1420 + 5844 + 8157 + 7508 + 5439 + 534	
	+ 11005+ 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105 + 10105	

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I

+ 1585 + 1888 + 1888 + 1516 + 845 + 1048 + 1014 + 1014 + 1800 + 800 + 1413 + 3403 + 5288 + 1288 + 1888 + 2847 + 14886 17586 5087 + 1148 + 1898

V15-+, E/V = ++ / 37+ + K-++ 4 × N -15 2'-+ 6'+ 6+ + + + 1 - + V + N== +1-3 E+ 54E + NII + + 12 + 17 + 5 + 12 + 11 + 7 + 14 + 114 + 114 + 54E 50E + + 391 15E + Ś + 38 5 **b**-+ - 5'+ - + 8'5E+ 2'- - - - 2'+ 6'T - 5'+ 5'+ T'+ T - - 6'+ 1'+ 7'+ 7'+ 7'+ 5'+ 6'+ 8'+ 6'+ 6'+ 9'+ 7'+ 7'+ T'+ T'+ + 4E F1-+ F'E-+ 4E + L I **Ξ0 +** + 30 $\sim \cdot$ 8"+ 9"F+ T"E+ +518 H'+ B'Z+ 7'+ 7'+ 1'+ 1'+ 1'+ +'5 20N 1'E-+ 0 01+ L'-+ 01+ 8'S+ - R + β⁻ − F⁺ + T + F⁺ + T⁺ + B⁺ + B⁺ + F⁺ + T⁺ + T⁺ + T⁺ + T⁺ + T⁺ + B⁺ VI+ 2144 SI+ BI+ VI+ BI\$+ ZI+ BI+ SI+ SI+ BI+ BI+ SI+ VI\$+ 91\$+ V3-+ 12/0+ 1+ MÞ + 2'-+ 8 + 8'+ Z'+ T+ T+ 5'+ 9'+ Z'+ P'+ 6'+ Z'+ T+ 6'+ T'T+ Z'+ + M17 THE LOS FIRE ASTA STATE TO THE THE THE 6.5+ 6'++ 0 E'+ 18'L+ E'+ + E'8 + F + 2'+ + 2'+ B'+ 2'-+ 6'T+ T'+ 8'+ +-5'8 +1'5 +'2 +'1 +'4 +'8 +'2 +'1 +'1 +'2 +'4 +-'6 +-5'5 +-'6 M8 + S.+ 1,+ + M9 ₹`Z-+ 1 8+ 19 V E+ () V + 1 + 1 + (+ + + 6 + + + 6 + + 16 + + 9 + E Q 2 + 1' 0 + 'S + 1'S + 15M 15M + + ~513 **I⊷** + S'+ TT / 12+ M91 + +1'1 + -'9' +- 5 +'1 E'T+ EÞ+ + M91

