



ACCURASSAY LAB



42A01SE6920 2.13439 EBY

010

P.O. BOX
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

EBY
E1-90
CORE
33779

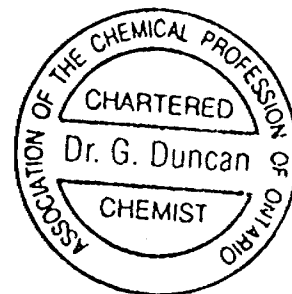
Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Page: 1

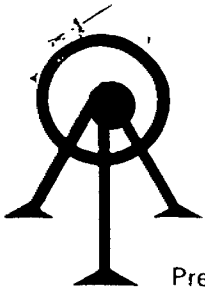
Date: June 27 19 90

Work Order # : 900339
Project :

SAMPLE NUMBERS			Silver	Copper	Zinc
Accurassay	Customer		ppm	ppm	ppm
218104	170-180	171158	2		
218109	230-240	171164		120	120
218110	240-250	171165	2		



Per: G. Duncan



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

5 TEA

Certificate of Analysis

Page: 1

EBY
CORE
H E 1-90

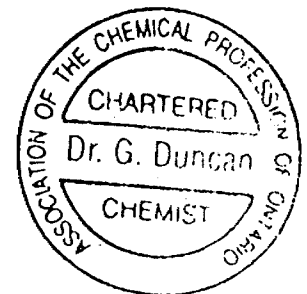
33793

Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Date: June 27 19 90

Work Order # : 900386
Project :

SAMPLE NUMBERS			Gold
Accurassay	Customer		ppb
218948	92-94	171192	25
218949	97-102	171193	16
218950	102-106	171194	11
218951	102-106	171195 157-161	27
218952	161-166	171196	85
218953	166-171	171197	101
218954	171-176	171198	44
218955	176-181	171199	28
218956	181-186	171200	16
218957	186-189	192367	227
218957	CHERT	192367	205 Check



G Duncan

Per: _____

ACCURASSAY LABORATORIES LTD.
 CHARTERED CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Box 426, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J1

STE 4

TEL.: (705) 567-3361 - FAX: (705) 567-8368

900411


Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

DATE	June 29, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	Various
DATE SUBMITTED	

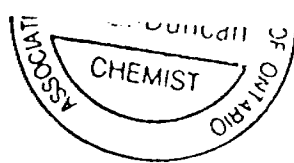
TERMS
 net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
3	Aqua Regia Digestion on W.O. # 900339		
2	Silver analysis cert. # 33779	1.50	4 50
1	Copper Analysis	0.95	1 90
1	Zinc Analysis	0.95	0 95
10	Gold Assays W.O. #900386	0.95	0 95
10	Sample Prep. cert. # 33793	0.95	0 95
2	Gold Assays W.O. #900390	7.50	75 00
2	Sample Prep. cert. # 33824	3.95	39 50
		7.50	15 00
		3.95	7 90
	Amount due before July 29, 1990.....		145 70

Please note: Accounts more than 45 days past d
 will lose any price discounts



Thank You!



Per: G Duncan

ORIGINAL

JAY LABORATORIES LTD.

CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 36x60, 3 Industrial Dr., Kirkland Lake
 421 Ontario, Canada P2N 3J5

900341

TEL.: (705) 567-8343 - FAX: (705) 568-8368
 33a1

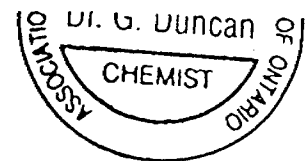
TO .
 Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

DATE	June 1, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	900305
DATE SUBMITTED	

TERMS net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
3	Pulp Metallic Assays W.O. #900305	28.00	84 00
3	Sample Prep. cert.# 33378	7.90	23 70
	Amount due before July 1, 1990.....		107 70
	Please note: Accounts more than 45 days past due will lose any price discounts		

Thank You!



Per: *G. Duncan*

ASSAY LABORATORIES LTD.

CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS

Box 534, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J5

900360

FERMI

TEL.: (705) 567-8343 - FAX: (705) 568-8368

3361

DATE	June 8, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	900305
DATE SUBMITTED	

Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

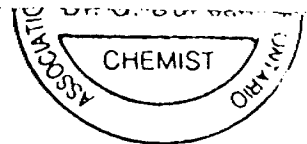
TERMS

net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
3	Copper Analysis W.O.# 900305 cert. #33622	2.00	6 00
	Amount due before July 8, 1990.....		6 00
	Please note: Accounts more than 45 days past due will lose any price discounts		

LF-1297

Thank You!



LF-30

Per: _____

G. Duncan

ORIGINAL

ASSAY LABORATORIES LTD.
 CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Box 607, 3 Industrial Dr., Kirkland Lake
 426 Ontario, Canada P2N 3J5

FERRI

900368

TO . TEL.: (705) 567-~~6343~~ - FAX: (705) 568-8368
 3361

Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

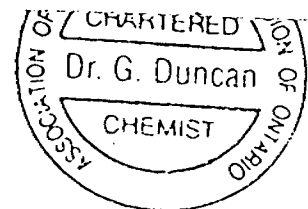
DATE	June 13, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	900338A
DATE SUBMITTED	

TERMS net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
13	Gold Assays W.O. #900338A	7.50	97 50
13	Sample Prep. cert.# 33629	3.95	51 35
	Amount due before July 13, 1990.....		148 85
	Please note: Accounts more than 45 days past due will lose any price discounts		

LF-1297

Thank You!



Per: *G. Duncan*

LF-30

ORIGINAL

SAY LABORATORIES LTD.

CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS

Box 604, 3 Industrial Dr., Kirkland Lake
 426 Ontario, Canada P2N 3J5

FBN

900373

TO . TEL.: (705) 567-6343 - FAX: (705) 568-8368
 3361

DATE	June 15, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	
DATE SUBMITTED	Various

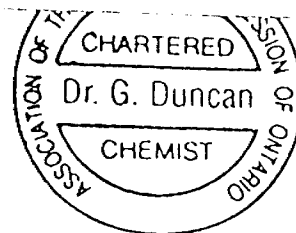
Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

TERMS

net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
9	Gold Assays W.O. #900339		
9	Sample Prep. cert.# 33647	7.50	67 50
6	Gold Assays W.O. #900341	3.95	35 55
6	Sample Prep. cert.# 33660	7.50	45 00
3	Gold Assays W.O. #900342	3.95	23 70
3	Sample Prep. cert.# 33658	7.50	22 50
8	Gold Assays W.O. #900346	3.95	11 85
8	Sample Prep. cert.# 33659	7.50	60 00
		3.95	31 60
Amount due before July 15, 1990.....			297 70
Please note: Accounts more than 45 days past due will lose any price discounts			

Thank You!



Per: *G. Duncan*

ORIGINAL

ASSAY LABORATORIES LTD.
 CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Box 804, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J5

FERON

900378

TO TEL: (705) 567-6348 - FAX: (705) 568-8368
 3361

Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

DATE	June 15, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	900350
DATE SUBMITTED	

TERMS net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
3	Gold Assays W.O. #900350	7.50	22 50
3	Sample Prep. cert.# 33667	3.95	11 85
	Amount due before July 15, 1990.....		34 35
	Please note: Accounts more than 45 days past due will lose any price discounts		

Thank You!



Per: *G. Duncan*

ORIGINAL

LF-1297

LF-30

ASSAY LABORATORIES LTD.
 CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Box 609, 3 Industrial Dr., Kirkland Lake
 426 Ontario, Canada P2N 3J5

FERM

900385

TO TEL.: (705) 567-~~6343~~ - FAX: (705) 568-8368
 3361

Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

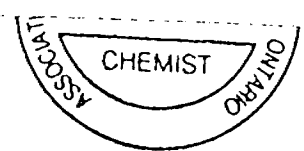
DATE	June 20, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	900353
DATE SUBMITTED	

TERMS net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
3	Gold Assays W.O. #900353	7.50	22 50
3	Sample Prep. cert.# 33734	3.95	11 85
4	Silver Analysis W.O.#900338A cert. 33690	2.00	8 00
	Amount due before July 20, 1990.....		42 35
	Please note: Accounts more than 45 days past due will lose any price discounts		

LF-1297

Thank You!



Per: *G. Duncan*

ORIGINAL

LF-30

JAY LABORATORIES LTD.

CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS

Box 897, 3 Industrial Dr., Kirkland Lake
 426 Ontario, Canada P2N 3J5

CORE FERN

INVOICE

900395

TO TEL.: (705) 567-6343 - FAX: (705) 568-8368
 3361

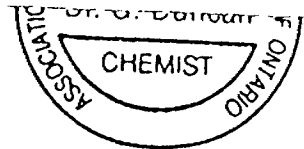
Mr. Fern Rivard
 Box 1091
 Kirkland Lake, Ontario
 P2N 2C9

DATE	June 21, 1990
CUSTOMER ORDER N°	
WORK ORDER N°	900364
DATE SUBMITTED	

TERMS net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
16	Gold Assays W.O. #900364	7.50	120 00
16	Sample Prep. cert. # 33767	3.95	63 20
	Amount due before July 21, 1990.....		183 20
	Please note: Accounts more than 45 days past due will lose any price discounts		

Thank You!



Per: *G. Duncan*

ORIGINAL



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Date: June 8 19 90

Work Order # : 900305
Project :

33622

SLUDGE

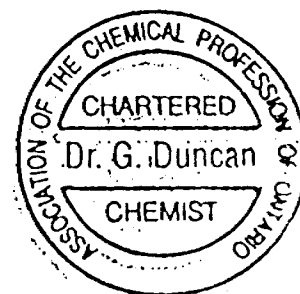
SAMPLE NUMBERS

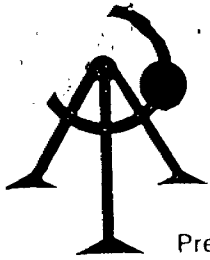
Copper
ppm

Accurassay FT Customer

SLUDGE

217439	COLAR- 30 FT	177142	1100
217440	30- 40 FT	177143	170
217441	40- 50 FT	177144	200





ACCURASSAY LABORATORIES LTD.

P.O. BOX 604
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J5
TEL.: (705) 567-6343

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

33378 Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Date: June 1 19 90

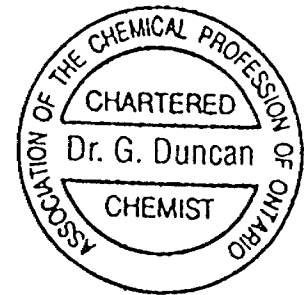
Work Order # : 900305
Project :

HE 1.90

METALLICS GOLD

Accurassay Customer	#1 Pulp Assay ppb	#2 Pulp Assay ppb	Metallics Assay ppb	Total ppb	% Met. in pulp
217439 16-30' 177142	<50	<50	61	<50	0.49
217440 30-40' 177143	<50	<50	No Met.	<50	No Met.
217441 40-50' 177144	<50	<50	<50	<50	1.03

SLUDGE



Per: G. Duncan



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

H-E 1-90

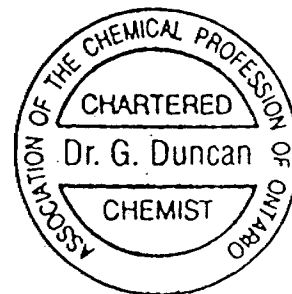
Page: 1

33658 Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Date: June 15 19 90

Work Order # : 900342
Project :

SAMPLE NUMBERS			Gold
Accurassay	Customer		ppb
218149	SLUDGE 330-340	171174	12
218150	340-350	171175	13
218151	350-360	171176	15
218151	CHEEK	171176	13 Check





ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

H

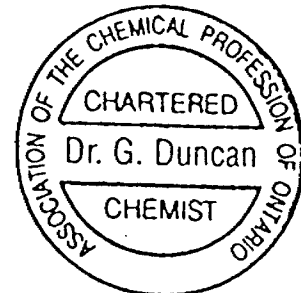
Date: June 19 19 90

1-90 3369
Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Work Order # : 900338A
Project :

~~S.P.F.~~

SAMPLE NUMBERS		Silver
Accurassay <i>SLUDGE</i> Customer		ppm
218091	50-60 171145	2
218092	60-70 171146	1
218093	70-80 171147	2
218100	140-150 171154	2



LF-30

Per: _____

G. Duncan

ORIGINAL



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

Accuracy: ± 0% per analysis

Client: Mr. Fernand Rivard

Date: June 12 19 90

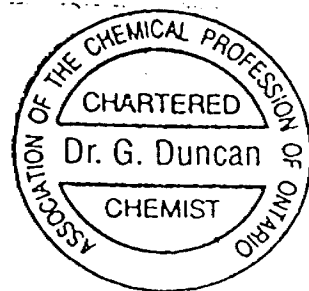
33629 Box 1091
Kirkland Lake, Ontario
P2N 2C9

Work Order # : 900338A
Project :

HE 190

SLUDGE ASSAYS

SAMPLE NUMBERS		Gold
Accurassay	Customer	ppb
218091	50-60 FT	35
218092	60-70 FT	138
218093	70-80 FT	13
218094	80-90 FT	31
218095	90-100 FT	216
218096	100-110	92
218097	110-120	93
218098	120-130	20
218099	130-140	31
218100	140-150 C	89
218100	150-150 S	103 Check
218101	150-160	77
218102	160-170	257
218103	170-180 ?	234
218103	170-180 J	216 Check



G. Duncan

Per: _____



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T

Certificate of Analysis

Page: 1

33647 Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

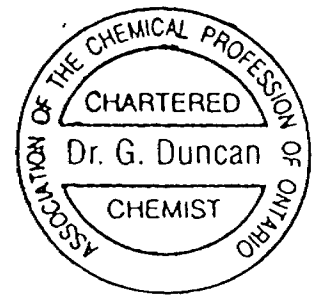
Date: June 14 19 90

Work Order # : 900339
Project :

H
E 190

SAMPLE NUMBERS		Gold
Accurassay	Customer	ppb
218104	SLUDGE 180-190'	227
218105	190-200'	95
218106	200-210	48
218107	210-220	36
218108	220-230	23
218109	230-240	28
218110	240-250	65
218111	250-260	116
218112	260-270	17
218112	270-280	13

Check



Per: G. Duncan



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

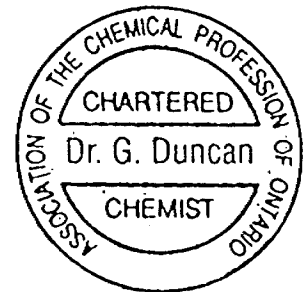
H. E 1-90

33660 Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Date: June 15 19 90

Work Order # : 900341
Project :

SAMPLE NUMBERS		Gold
Accurassay	Customer	ppb
	<i>SLUDGE</i>	
218142	<i>270-280</i>	24
218143	<i>280-290</i>	20
218144	<i>290-300</i>	38
218145	<i>300-310</i>	9
218146	<i>310-320</i>	11
218147	<i>320-330</i>	12
218147	<i>check</i>	15 Check



Per: G. Duncan



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

E 1-90

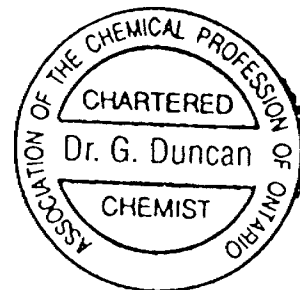
Page: 1

Mr. Fernand Rivard
Box 1091
33659 Kirkland Lake, Ontario
P2N 2C9

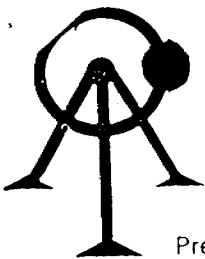
Date: June 15 19 90

Work Order # : 900346
Project :

SAMPLE NUMBERS			Gold ppb
Accurassay	Customer		
<i>SLUDGE</i>			
218182	360-370	171178	13
218183	370-380	171179	19
218184	380-390	171180	15
218185	390-400	171181	13
218186	400-410	171182	12
218187	410-420	171183	13
218188	420-430	171184	17
218189	430-440	171185	15
218189	CHECK	171185	19 Check



Per: G. Duncan



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

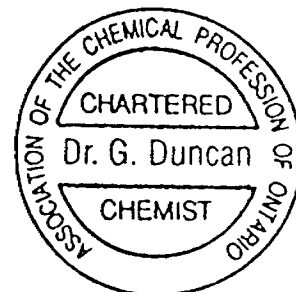
Date: June 15 1990

Work Order # : 900350
Project :

3366
HEI-90

SAMPLE NUMBERS		Gold
Accurassay	Customer	ppb
218178	SLUDGE 440-450	13
218179	450-460	28
218180	460-470	28
218180	CHEEK	24

Check



Per: _____

G. Duncan



ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

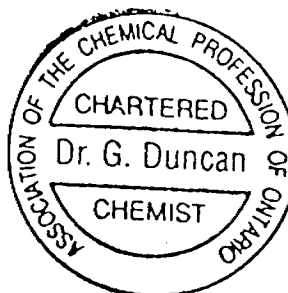
Page: 1

33737
1-90
Mr. Fernand Rivard
Box 1091
Kirkland Lake, Ontario
P2N 2C9

Date: June 20 19 90

Work Order # : 900353
Project :

SAMPLE NUMBERS		Gold
Accurassay	Customer	ppb
	SLUDGE	
218296	470-480	171189
218297	480-490	171190
218298	490-504	171191
218298	CHECK	171191
		23
		42
		25
		18 Check



Per: G. Duncan

ORIGINAL

51EW

ACCURASSAY LABORATORIES LTD.

P.O. BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

Page: 1

Mr. Fernand Rivard

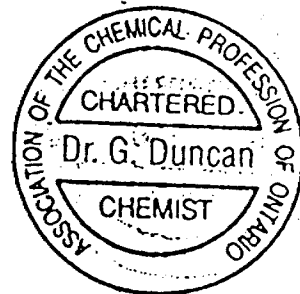
Date: June 21 19 90

3376 Box 1091
Kirkland Lake, Ontario
P2N 2C9

Work Order # : 900364
Project :

1-90 SPLIT CORE

Accurassay	SAMPLE NUMBERS	Customer	Gold ppb
218478	56-60'	192351	44
218479	60-62.8"	192352	18
218480	63-65-1/2	192353	129
218481	65 1/2 - 68'	192354	29
218482	68-73	192355	6
218483	73-76	192356	7
218484	89-92	192357	69
218485	94-97	192358	314
218486	122-127	192359	21
218487	144-148.1"	192360	45
218487	CHECK	192360	46 Check
218488	189-191	192361	61
218489	247-250 1/2	192362	26
218490	250 1/2 - 254	192363	71
218491	403-409	192364	<5
218492	475-3" - 478.3"	192365	17
218493	478-3 - 480	192366	<5
218493	CHECK	192366	<5 Check



Per: G. Duncan

ORIGINAL

UF-30

DIAMOND DRILL RECORD

=====

Company:	Fern Rivard	Date Started:	May 24, 1990	Hole No.	E-90-1
Location:	Eby Township	Date Finished:	June 15, 1990	Page No.	1
Level:	Surface	Logged:	S. Carmichael	Core Size:	EX
Bearing:	005 Deg.	Core Saved?	Yes	Test-Acid:	Tropari:
Inclination:	-55 Deg.	Casing: Left		Discarded:	Strike Dip
		Elevation:	Surface	At:	0.0 ft. 005 deg. -55 deg.
Total Depth:	504.0 feet	Claim No.:	L-891900	At:	
Coords Collar - Lat:	2 feet east of No. 4 Post	Dep:	12 feet South of No. 4 post	At:	
Drilled by:	F. Rivard	Date Logged:	June 14, 1990		

FOOTAGE From - To	GEOLOGICAL & PHYSICAL DESCRIPTION	SAMPLE NUMBER	FROM - TO	AU PPB	AU GRAMS/TON	AU OZ/TON	LENGTH
0.00-17.00 feet	Casing						
17.00-56.00 feet	ULTRAMAFIC VOLCANICS (KOMATIITE) Very fine grained komatiitic basalt. Weakly fractured with carbonate stringers. Minor clots of pyrite throughout. Komatiite is locally syenitized due to lower syenite plug. Core is blocky and broken throughout with estimated 70% recovery. Lower contact with syenite is marked by narrow shearing and quartz-carbonate flooding. 49.0-56.0' - foliated komatiite, foliation at 45 deg. to C.A.						
56.00-456.00 feet	SYENITE Fine grained dark brick-red syenite with local phases of albite-feldspar porphyry. Core recovery at upper contact with volcanic is 25%. Syenite is weakly magnetic. Minor small (<1cm) inclusions of chloritised volcanics throughout. The syenite is also moderately chloritised throughout. 56.0-59.0' - fine grained feldspar porphyry. Phenocrysts up to 2mm in size. 1-2% disseminated pyrite. 59.0-62.8' - as above 62.8-65.0' - bleached altered syenite porphyry. Alteration includes albite	192351 192352 192353	56.0-59.0 feet 59.0-62.8 feet 62.8-65.0 feet	44.0 18.0 129.0		0.129 0.004	3.0 ft. 3.8 ft. 2.8 ft.

	and carbonate. Shearing at 64' at 44 deg to C.A. Brecciated from 63.2-64.2'. 4% fine pyrite throughout with narrow (1") sections of up to 10% py.						
	65.0-68.0' - weakly altered syenite, weakly fractured with hairline calcite stringers. 1-2% pyrite.	192354	65.0-68.0 feet	29.0		3.0 ft.	
	68.0-73.0' - as above, possible shear at 70.5' marked by 2" of brecciation and quartz stringers.	192355	68.0-73.0 feet	6.0		5.0 ft.	
	73.0-76.0' - as above	192356	73.0-76.0 feet	7.0		3.0 ft.	
	89.2-89.5' - brecciated syenite, fragments up to 2cm in size. Brecciation at 12 deg. to C.A. Minor carbonate flooding.	192357	89.0-92.0 feet	69.0		3.0 ft.	
	94.0-97.0' - moderately fractured with local stringers containing up to 1% py.	192358	94.0-97.0 feet	314.0	0.314	0.009	3.0 ft.
	122.0-127.0' - slightly bleached with 1% disseminated pyrite throughout.	192359	122.0-127.0 feet	21.0			5.0 ft.
	144.0-148.2' - bleached syenite, 1% py throughout. 8-10% py from 145.8-146.5'.	192360	144.0-148.2 feet	46.0			4.2 ft.
	189.0-191.0' - moderately fractured with quartz stringers. 1% pyrite.	192361	189.0-191.0 feet	61.0			2.0 ft.
	248.0-250.5' - sheared syenite, strong foliation at 30 deg. to C.A. Pyrite mineralization in bleached syenite from 250.5' (fault breccia) to 254'.	192362	247.0-250.5 feet	26.0			3.5 ft.
	Moderately carbonatized in shear.	192363	250.5-254.0 feet	71.0			3.5 ft.
	273.0' - shear zone, foliation at 44 deg to C.A. Syenite becoming lighter (buff green) after shear.						
	275.0-277.0' - possible lamprophyry dike or phase of syenite						
	319.0-331.0' - moderately fractured syenite with hairline qtz/calcite stringers.						
	331.0-335.0' - lamprophyric phase						
	382.0' - becoming darker orange-red in color.						
	404.5-404.8' - calcite flooded section						
	403.0-408.0' - moderately fractured section with 4% calcite stringers, 1% pyrite, locally up to 4%.	192364	403.0-408.0 feet	<5.0			
456.0-504.0 feet	ULTRAMAFIC VOLCANICS (KOMATIITE) Dark green fine grained komatiitic basalt, becoming increasingly talcose down section. Contact with syenite is irregular at 65 deg. to C.A. Possible flow breccia to 473.0'.						

475.3-478.3' - hematized, moderately fractured (calcite) section. 2-4% py.	192365	475.3-478.3 feet	17.0			3.0 ft.
478.3-480.0' - komatiite, weakly mineralized.	192366	478.3-480.0 feet	<5.0			1.7 ft.
504.0 feet		End of Hole				
		Casing Pulled				

Additional Core Assays	171192	92.0-94.0 feet	25.0			2.0 ft.
	171193	97.0-102.0 feet	16.0			5.0 ft.
	171194	102.0-106.0 feet	11.0			4.0 ft.
	171195	157.0-161.0 feet	27.0			4.0 ft.
	171196	161.0-166.0 feet	85.0			5.0 ft.
	171197	166.0-171.0 feet	101.0	0.101	0.003	5.0 ft.
	171198	171.0-176.0 feet	44.0			5.0 ft.
	171199	176.0-181.0 feet	28.0			5.0 ft.
Sludge Assays	171200	181.0-186.0 feet	16.0			5.0 ft.
	192367	186.0-189.0 feet	216.0	0.216	0.006	3.0 ft.

0.0-30.0 ft. 177142 1100 ppm Cu
30.0-40.0 ft. 177143 170 ppm Cu
40.0-50.0 ft. 177144 200 ppm Cu
230.0-240.0 ft. 171164 120 ppm Cu, 120 ppm Zn

50.0-60.0	171145	35 ppb Au	2 ppm Ag	180.0-190.0	171158	227 ppb Au
60.0-70.0	171146	138 " "	1 ppm Ag	190.0-200.0	171159	95 " "
70.0-80.0	171147	13 " "	2 ppm Ag	200.0-210.0	171161	48 " "
80.0-90.0	171148	31 " "		210.0-220.0	171162	36 " "
90.0-100.0	171149	216 " "		220.0-230.0	171163	23 " "
100.0-110.0	171150	92 " "		230.0-240.0	171164	28 " "
110.0-120.0	171151	93 " "		240.0-250.0	171165	65 " "
120.0-130.0	171152	20 " "		250.0-260.0	171166	116 " "
130.0-140.0	171153	31 " "	2 ppm Ag	260.0-270.0	171167	15 " "
140.0-150.0	171154	96 " "		270.0-280.0	171168	24 " "
150.0-160.0	171155	77 " "		280.0-290.0	171169	20 " "
160.0-170.0	171156	257 " "		290.0-300.0	171170	38 " "
170.0-180.0	171157	225 " "	2 ppm Ag			

(240.0-250.0 171165 2 ppm Ag)

300.0-310.0	171171	9 ppb Au	400.0-410.0	171182	12 ppb Au
310.0-320.0	171172	11 " "	410.0-420.0	171183	13 " "
320.0-330.0	171173	14 " "	420.0-430.0	171184	17 " "
330.0-340.0	171174	12 " "	430.0-440.0	171185	17 " "
340.0-350.0	171175	13 " "	440.0-450.0	171186	13 " "
350.0-360.0	171176	14 " "	450.0-460.0	171187	28 " "

360.0-370.0	171178	13	"	"
370.0-380.0	171179	19	"	"
380.0-390.0	171180	15	"	"
390.0-400.0	171181	13	"	"

460.0-470.0	171188	26	"	"
470.0-480.0	171189	23	"	"
480.0-490.0	171190	42	"	"
490.0-504.0	171191	22	"	"



L 735598

L 738544

L 738545

L 738546

L 735597

L 735596

L 735464

L 842693

L 980065

L 980067

Con. IV

Con. III

Collar E-90-1

L 891900

L 980069

L 980066

L 891905

L 980068

Lot 3

Lot 2

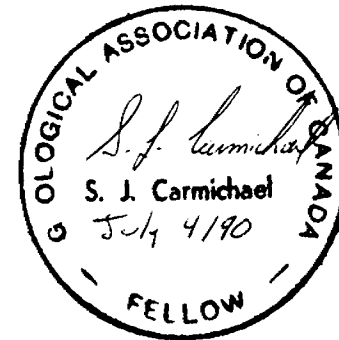
DRILL HOLE LOCATION PLAN
EBY TOWNSHIP
LARDER LAKE MINING DIVISION

Scale 1" = 660'



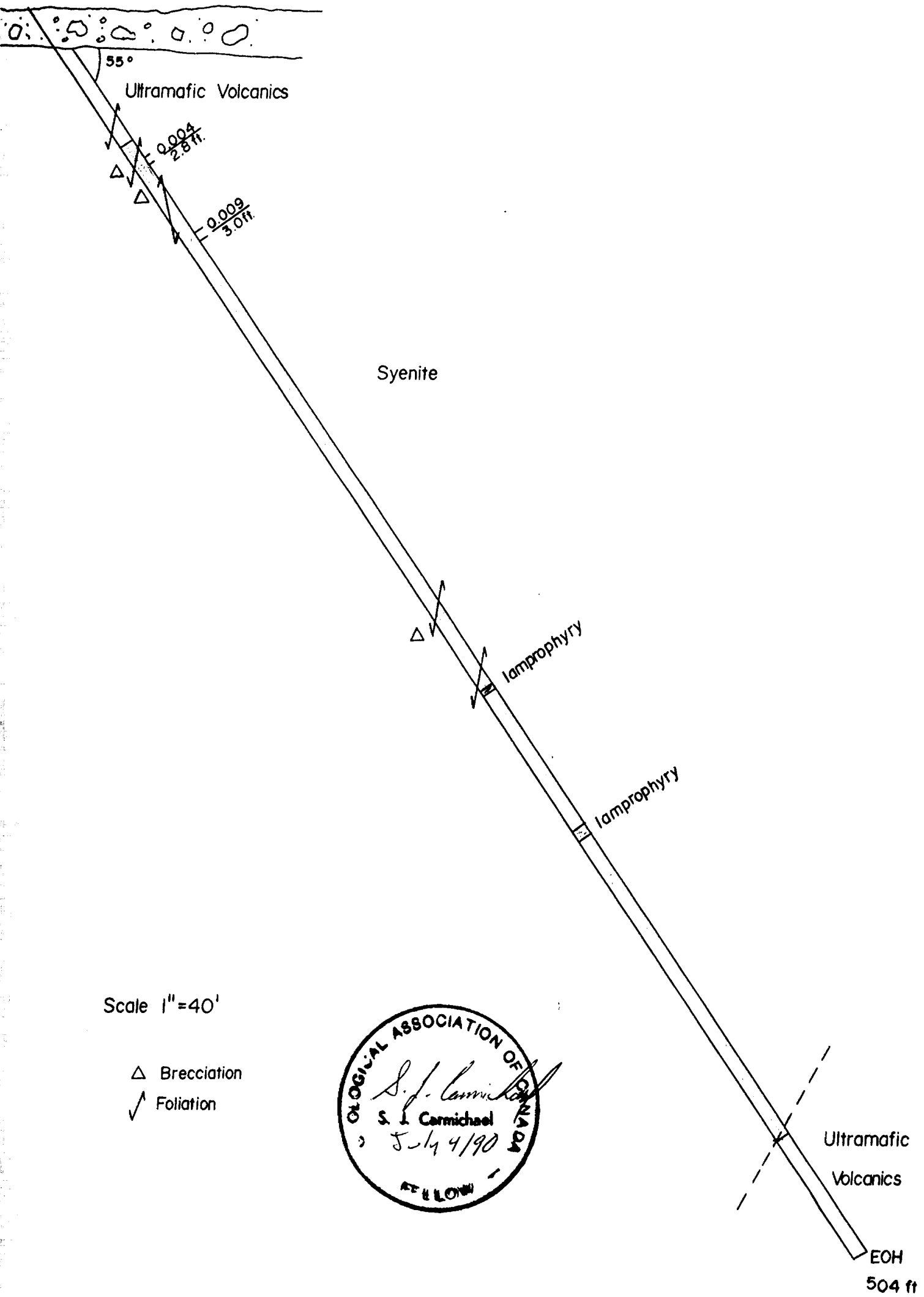
Trail

Pipeline



SECTION LOOKING WEST

E-90-1



Scale 1" = 40'

- △ Brecciation
- ∨ Foliation



JULY 4, 1990

L



Ontario



42A01SE8920 2.13439 EBY

900

Ministry of
Northern Development
and Mines

Mining Lands Section
880 Bay Street, 3rd Floor
Toronto, Ontario
M5S 1Z8

Ministère du
Développement du Nord
et des Mines

Tel: (416) 965-4888

September 11, 1990

Your File: W9008.191
Our File: 2.13439

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
KIRKLAND LAKE, Ontario
P2N 1A2

Dear Sir/Madam:

Re: Data for Expenditure submitted under Section 77(19) of the Mining
Act. R.S.O. 1980 on Mining Claims: L 738577 et al in Eby Township.

The enclosed statement of assessment work credits for Assaying has been
approved as of the above date.

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

Yours sincerely,

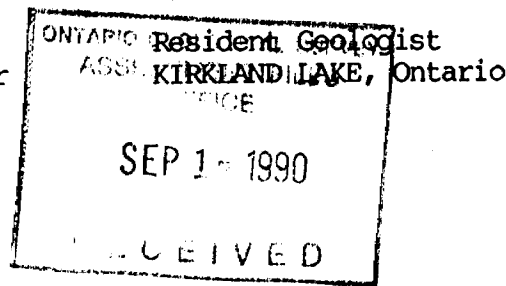
Ron Gashinski
Acting Provincial Manager, Mining Lands
Mines & Minerals Division

DM:zm
Encl:

cc: Mr. W. D. Tieman
Mining & Lands Commissioner
Toronto, Ontario

Fernand Rivard
KIRKLAND LAKE, Ontario

Stewart J. Carmichael
SWASTIKA, Ontario





Ministry of Northern Development and Mines

DOCUMENT NO. W9008-191

Instructions
 - Please type or print
 - Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
 - Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Report of Work
 (Expenditures, Subsection 77(19))

Type of Work Performed <i>Assaying</i>	Mining Division <i>Larder Lake</i>	Township or Area <i>Eby Township</i>
Recorded Holder <i>Fernand Rivard</i>	Prospector's Licence No. <i>2.13439</i>	
Address <i>11 Bay Rd. West, Kirkland Lake, Ont P2W 2C9</i>		Telephone No. <i>705-567-7344</i>
Work Performed By <i>Accurassay Laboratories Ltd</i>		
Name and Address of Author (of Submission) <i>P.O. Box 426, Kirkland Lake, Ont. P2W 3J5</i>		Date When Work was Performed From: <i>01</i> Day <i>06</i> Mo. <i>90</i> To: <i>21</i> Day <i>06</i> Mo. <i>90</i>

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side				Mining Claim <i>L-891900</i>	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).	Calculation of Expenditure Days Credits		Total Number of Mining Claims Covered by this Report of Work
	Total Expenditures <i>\$ 965.85</i>	<i>÷ 15 = 64</i>	<i>4</i>

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information *over →*

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
<i>L</i>	<i>738577</i>	<i>19</i>									
<i>L</i>	<i>738547</i>	<i>1</i>									
<i>L</i>	<i>738546</i>	<i>1</i>									
<i>L</i>	<i>738548</i>	<i>H3</i>									
<i>L</i>	<i>738958</i>	<i>OK</i>									

RECEIVED
 JUL 27 1990
 MINING LANDS SECTION

Total Number of Days Performed <i>64</i>	Total Number of Days Claimed <i>64</i>	Total Number of Days to be Claimed at a Future Date
---	---	---

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: *July 4 1990* Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

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

Name and Address of Person Certifying:
Stewart J Carmichael B.Sc. FGAC POK I TO DIVISION

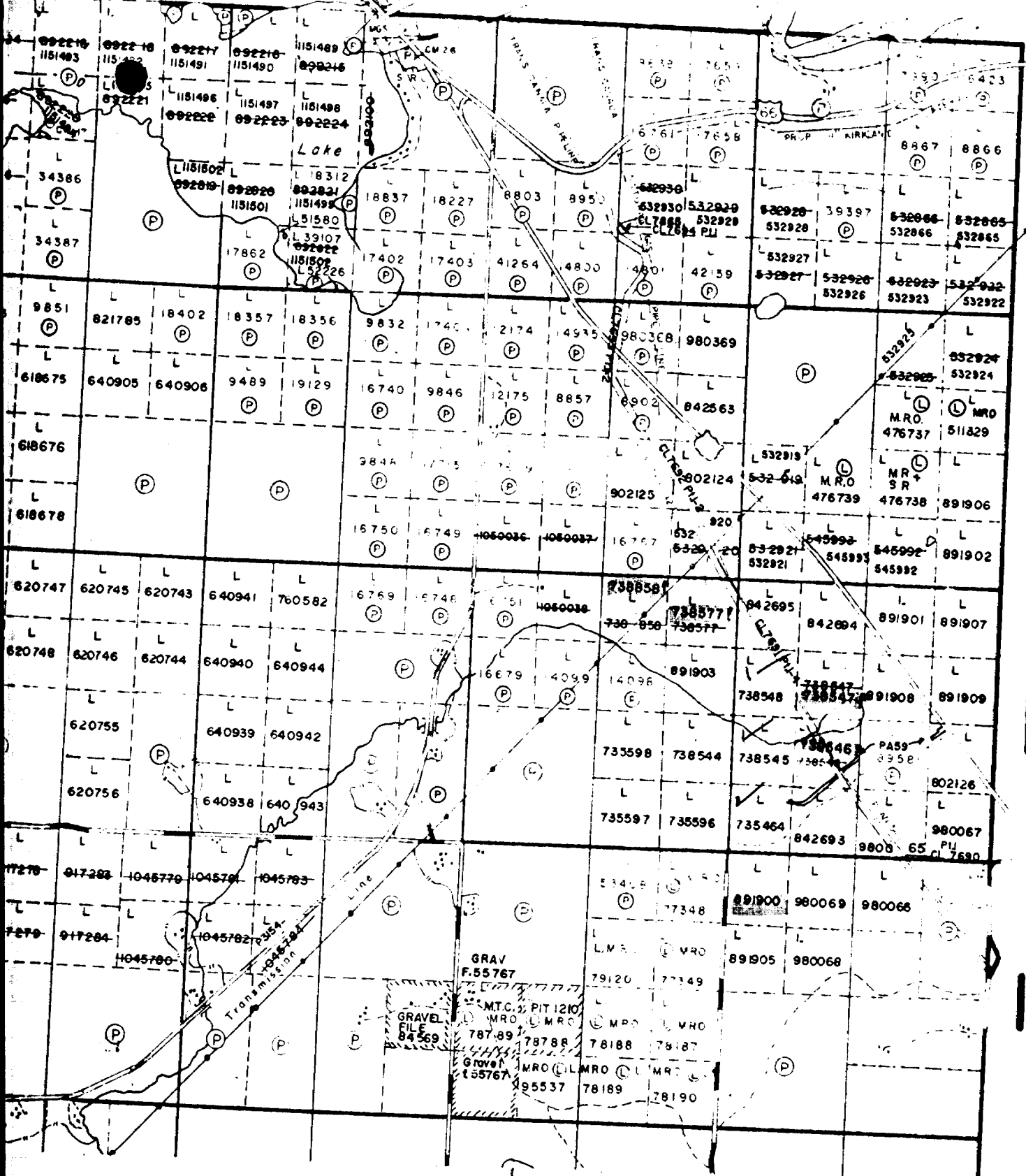
Telephone No.: *705-567-7206* Date: *July 4 1990* Certified By (Signature): *[Signature]*

Address: *P.O. Box 271, Seccombe, Ont*

For Office Use Only

Total Days Cr. Recorded <i>64</i>	Date Recorded <i>July 5-90</i>	Mining Recorder <i>[Signature]</i>
	Date Approved as Recorded <i>See revised work sheet.</i>	Provincial Manager, Mining Lands <i>[Signature]</i>

Received Stamp: **RECEIVED**



VI

V

IV

III

Ely Trup.

- Instructions**
- Please type or print.
 - For each type of work performed, a separate Report of Work should be completed.
 - For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical)" and form no. 878 for Expenditures.
 - Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Mining Act Report of Work

Name and Address of Recorded Holder FERNAND RIVARD Box 1091	Prospector's Licence No. K19102
11 COV RD WEST KIRKLAND LAKE ONT	Telephone No. 705-567-7344

Summary of Distribution of Credits and Work Performance

Mining Division LARDER LAKE	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
Township or Area EBY TWP	L	738858	6						
Total Assessment Credits Claimed 504	L	891901	109						
Type of Work Performed (Check one only)	L	891902	103						
	891903								
	<input type="checkbox"/> Manual Work	L	891907	73					
	<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work	L	891908	40					
	<input type="checkbox"/> Mechanical equipment	L	891909	40					
<input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim)	L	891906	133						
<input checked="" type="checkbox"/> Diamond or other Core drilling									
<input type="checkbox"/> Core Specimens									

Dates when work was performed From: MAY 24/90 To: JUNE 15/90	Total No. of Days Performed 504	Total No. of Days Claimed 504	Total No. of Days to be Claimed at a Future Date
---	---	---	--

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)		Mining Claim L 891906	No. of Days 504	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

FERNAND RIVARD
Box 1091 KIRKLAND LAKE ONT

8 PRAG + HEM400D? E HEAD DIAMOND DRILL
CONVENTIONAL DRILL WAS POWERED = 7/8" CORE

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date July 4/90	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	--------------------------	--

Certification Verifying Report of Work

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

Name and Address of Person Certifying Stewart Carmichael, B.Sc. FGAC P.O. Box 271, Suxashika, Ont. P0K 1T0	Telephone No. 567-7286	Date July 4/90	Certified By (Signature) <i>[Signature]</i>
--	----------------------------------	--------------------------	--

For Office Use Only

Work Assignments	Received Stamp

Grenfell Twp. M.35I

THE TOWNSHIP OF

EBY

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	✕
CANCELLED	C.

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

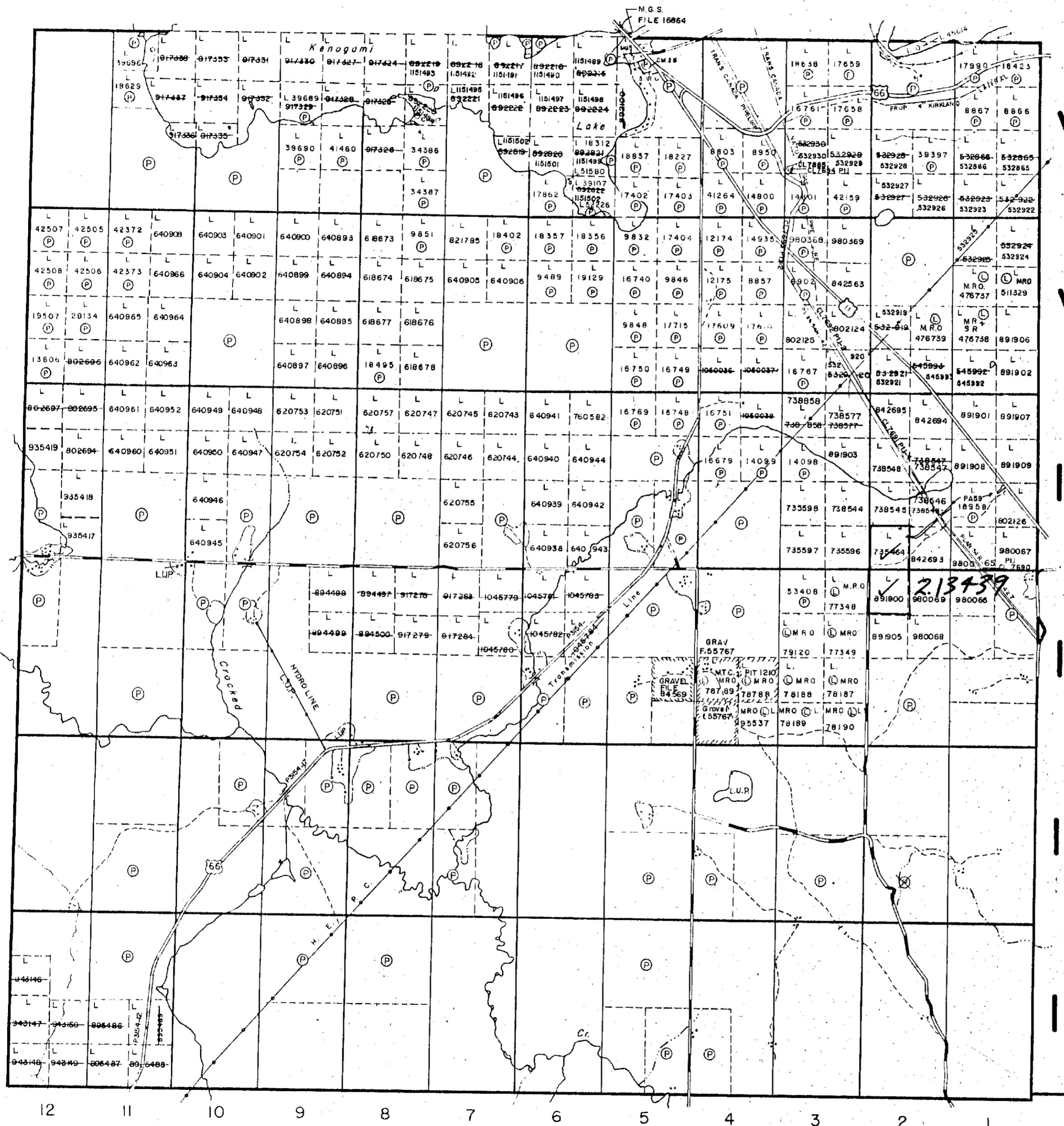
AREAS WITHDRAWN FROM STAKING

DATE OF ISSUE
 JUN 11 1980
 LARDER LAKE
 MINING RECORDER'S OFFICE

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

PLAN NO. M-345

MINISTRY OF NORTHERN DEVELOPMENT AND MINES



Burt Twp. M.334

Otto Twp. M.379

Blain Twp. M.418



42A01SE8920 2.13439 EBY