



52E11SE9123 23 SNOWSHOE BAY (SHOAL

DIAMOND DRILL

010

AREA SNOWSHOE BAY

REPORT #23

WORK PERFORMED FOR: Exploration Brex Inc.

RECORDED HOLDER: Same as Above (xx)
: Other ()

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
K978404	SL-89-02	646'	Mar/89	(1)

NOTES: (1) W8901-231, filed Oct/89

LOCATION MAP: SL-89-02 DDH

EXPLORATION BREX INC.
SNOWSHOE BAY AREA G-2645

SCALE 1:2500
meters
0 50 100



20W

19W

18W

BL 00

ISLAND
Ⓟ D. 259

SHOAL
LAKE

K978404

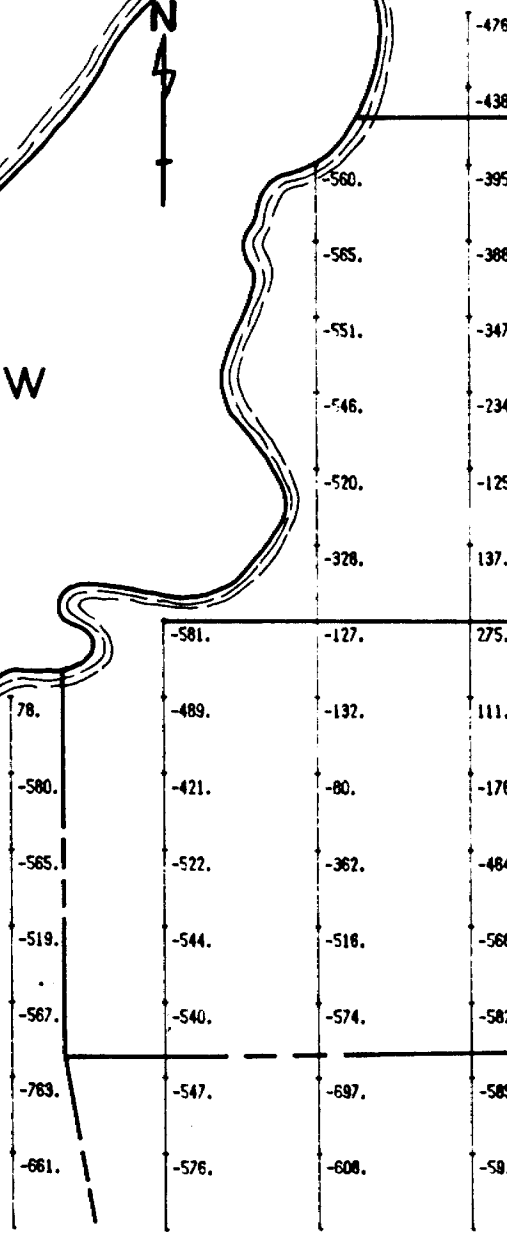
SL-89-02

STEVENS
ISLAND

TL 646

20W
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K978404
K978405



PROJECT: SHOAL LAKE

EXPLORATION BREX INC.
GROUPE MINIER ARIEL
JOURNAL DE SONDAGE

HOLE: SL-89-02

William C. Yeomans

Writer: William C. Yeomans

William C. Yeomans

Location: Kenora

Date: / /

Township of:

Range:

Lot:

Sector: Shoal Lake

Coord. E-W: 19+63.00N ■

Coord. N-S: 1+34.00S ■

Elevation: 100.00m

Length: 196.90 meters (646 ft)

Core size: BQ

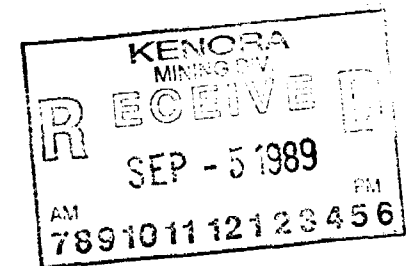
Contractor: Forage Morissette

Start: 24/03/89

End: 27/03/89

DEVIATION TEST	1	2	3	4	5	6	7	8	9	10
Length (m)	0.00	30.48	60.96	91.44	121.92	152.40	197.21	-	-	-
Inclinaison (°)	-45° 0'	-44° 0'	-44° 0'	-42° 36'	-40° 12'	-39° 30'	-38° 0'	-	-	-
Azimuth (°)	150° 0'	0° 0'	0° 0'	0° 0'	0° 0'	0° 0'	0° 0'	-	-	-
	11	12	13	14	15	16	17	18	19	20
Length (m)	-	-	-	-	-	-	-	-	-	-
Inclinaison (°)	-	-	-	-	-	-	-	-	-	-
Azimuth (°)	-	-	-	-	-	-	-	-	-	-

REMARKS:



FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+M
0.00	2.13	WATER						
2.13	12.80	OVERBURDEN	26817	22.39	23.00	0.61		
12.80	196.90	STEVENS ISLAND DIORITE	26818	23.00	23.50	0.50		
		- Grey to black, medium grained, massive, locally magnetic.	26819	23.50	24.00	0.50		
		- Stevens Island Deformation Zone throughout entire hole.	26820	24.00	24.50	0.50		
		- Characterized by intense silicification.	26821	24.50	25.00	0.50		
		- Fractures filled by narrow qtz-py veinlets.	26822	25.00	25.70	0.70		
		- Local feldspar porphyry dikes, minor mafic fragments.	26823	25.70	26.21	0.51		
		- Heavy sulfide mineralization restricted to narrow quartz veins.	26824	30.90	31.53	0.63		
		- Shearing characterized by chlorite banding with intense silicification and minor in-situ brecciation.	26825	31.53	32.30	0.77		
			26826	32.30	32.96	0.66		
		12.80- 22.39	26827	32.96	33.90	0.94		
		- Hematized section near lake bottom.						
		22.39- 26.21	26828	40.24	41.00	0.76		
		- Silicified zone.	26829	41.00	41.45	0.45		
		- Numerous enechelon fractures filled by narrow qtz-cb veinlets.	26830	41.45	42.00	0.55		
		- Brecciated with 2% Py from 24.50 to 25.00, tr aspy.	26831	42.00	42.50	0.50		P+M
		- Minor irregular felsic dykes (2) from 25.00 to 25.10; contacts irregular.	26832	42.50	43.13	0.63		
		- 10 cm wide felsic dykes at 28.20 m, 30.50 m.	26837	53.85	54.57	0.72		P+M
		- Dykes are transposed, irregular.	26833	54.57	55.38	0.81		
			26834	55.38	56.12	0.74		
			26835	56.12	56.69	0.57		
		30.90- 40.24	26836	56.69	57.20	0.51		
		Stevens Island Diorite						
		30.90- 33.90	26868	63.00	63.80	0.80		P+M
		- Rare 1 cm wide qtz-py veinlets.	26869	63.80	64.40	0.60		P+M
		- Located at 31.00, 31.63, 33.75.	26870	64.40	65.00	0.60		P+M
			26871	65.00	65.84	0.84		P+M
			26838	65.84	66.48	0.64		

FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+H
	33.90- 40.24		26839	66.48	67.04	0.56		
	- Massive diorite.		26840	67.04	67.68	0.64		P+H
	- Rare blue qtz eyes.		26841	67.68	68.36	0.68		P+H
			26842	68.36	68.88	0.52		P+H
	40.24- 43.13		26843	68.88	69.56	0.68		P+H
	- Silicified zone.		26844	69.56	70.24	0.68		P+H
	- 7 cm wide qtz-py vein at 42.21 m.		26845	70.24	70.87	0.63		P+H
			26846	70.87	71.70	0.83		P+H
	43.13- 53.85		26847	71.70	72.47	0.77		P+H
	- Massive Stevens Island diorite.		26848	72.47	73.06	0.59		P+H
			26849	73.06	73.89	0.83		P+H
	53.85- 55.38		26850	73.89	74.77	0.88		
	- Silicified zone with fracture filled qtz, tr aspy.		26851	74.77	75.37	0.60		
	- Fractures less than 3 mm wide.		26852	81.84	82.44	0.60		
	55.38- 55.48		26853	82.44	83.30	0.86		
	- Chloritic shear zone, tr py, aspy.		26854	83.30	84.12	0.82		
			26855	84.12	84.70	0.58		
	55.48- 59.74		26856	84.70	85.49	0.79		P+H
	- Intrusive texture mottled due to chloritic overprint.		26857	85.49	86.00	0.51		
			26858	86.00	86.60	0.60		
	59.74- 62.00		26859	86.60	87.17	0.57		
	- Massive, silicified Stevens Island diorite.		26860	87.17	88.17	1.00		
			26861	88.17	89.17	1.00		
	62.00- 65.59		26862	104.52	105.46	0.94		
	- Siliceous feldspar porphyry.		26863	105.46	105.93	0.47		
	- Highly silicified, dull grey to black.		26864	105.93	106.93	1.00		
	- Weak schistosity defined by sericitic planes.		26865	106.93	107.93	1.00		
	- Barren.		26866	107.93	108.51	0.58		
			26867	108.51	109.00	0.49		
	65.59- 75.20		26872	125.95	126.79	0.84		
	- Silicified, shear zone.		26873	126.79	127.49	0.70		
	- Local strong chloritic-cb-qtz bands up to 20 cm wide common.		26874	127.49	127.99	0.50		
	- Local intrusive appearance overprinted by strong silica-chlorite alteration.							

FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+H
		- Up to 3% aspy, 1% Py, 1% Po widths.	26875	127.99	128.99	1.00		
		- Bands oriented at 62° to c.a.						
		- 8 cm wide qtz-py-po-cpy vein at 68.11 m.	26876	157.80	158.75	0.95		
		- Narrow biotite-rich sections near shears.	26877	158.75	159.18	0.43		
		- Banded aspy rich section from 66.48 to 68.50 m.	26878	159.18	159.78	0.60		
			26879	159.78	160.32	0.54		
		75.20- 81.84						
		- Massive, silicified S.I. diorite.	26880	163.37	164.20	0.83		
		- 2 cm wide qz at 78.75 oriented 25° to c.a.	26881	164.20	164.95	0.75		
			26882	164.95	166.05	1.10		
		81.84- 87.17	26883	166.05	166.42	0.37		
		- Silicified zone.	26884	166.42	167.32	0.90		
		- Strong chloritic overprint.	26885	167.32	167.94	0.62		P+H
		- Igneous texture mottled.	26886	167.94	168.50	0.56		P+H
		- In-situ brecciation.	26887	168.50	169.08	0.58		P+H
		- Minor chloritic bands at 60° to c.a.	26888	169.08	169.89	0.81		P+H
			26889	169.89	170.89	1.00		P+H
		84.81- 85.60	26890	170.89	171.56	0.67		P+H
		- Silicified zone with pyritic section over 0.50 m.	26891	171.56	172.51	0.95		P+H
		- Avg 1-2% Py with local Py band at 85.00, tr aspy.	26892	172.51	173.36	0.85		P+H
			26893	173.36	174.24	0.88		P+H
		87.17- 93.05	26894	174.24	175.29	1.05		P+H
		Stevens Island Diorite	26895	175.29	176.29	1.00		P+H
		93.05- 94.61	26896	178.61	179.61	1.00		
		- Feldspar porphyry dyke.	26897	179.61	180.61	1.00		
		- Grey-cream colour, felsic in composition.	26898	180.61	181.66	1.05		
		- Minor qtz stringers at 10° to c.a.	26899	181.66	182.66	1.00		
		- Barren of significant mineralization.	26900	182.66	183.66	1.00		
		- Upper and lower contacts irregular diffuse.	26901	183.66	184.70	1.04		
			26902	184.70	185.70	1.00		

FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+M
	94.61- 105.11		26903	185.70	186.70	1.00		
	- Stevens Island diorite.		26904	186.70	187.75	1.05		
	- Massive, medium grained.		26905	187.75	188.75	1.00		
			26906	188.75	189.42	0.67		
	105.11- 113.47		26907	189.42	189.92	0.50		P+M
	- Feldspar porphyry dyke.		26908	189.92	190.42	0.50		P+M
	- Dark green, highly silicified.		26909	190.42	190.92	0.50		P+M
	- Minor qtz-cb stringers.		26910	190.92	191.42	0.50		P+M
	- 1-2% Po, Py from 105.46 to 105.93.		26911	191.42	191.74	0.32		P+M
	- Upper and lower contacts at steep angles to c.a.		26912	191.74	192.27	0.53		P+M
	- Generally barren of significant mineralization.		26913	192.27	193.30	1.03		
			26914	193.30	194.30	1.00		
	113.47- 127.22		26915	194.30	195.30	1.00		
	- Massive Stevens Island Diorite.		26916	195.30	195.98	0.68		P+M
	- Upper contact has weak, 10 cm wide chlorite-biotite-carbonate shear.		26917	195.98	196.90	0.92		
	- Entire unit silicified, rare qtz eyes.							
	127.22- 128.50							
	- Silicified, schistose zone.							
	- Biotite rich, minor chlorite.							
	- Banded aspy, tr to 1%.							
	- Minor barren qtz-cb stringers.							
	128.50- 163.43							
	- Massive Stevens Island Diorite.							
	- Medium cut, local minor quartz eyes.							
	- Local minor chloritic shear planes less than 1 cm wide.							
	151.18- 158.73							
	- Semi-massive Stevens Island Diorite.							
	- Local narrow qtz-chl-asy stringers less than 1 cm wide (rare).							

FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+M
		158.73- 160.30 - Weak shear zone in S.I. diorite. - Minor aspy near chl-cb stringers rare. - Avg, tr aspy.						
		160.30- 163.43 - Semi-massive S.I. diorite. - Minor narrow qtz-cb stringers.						
		163.43- 167.85 - Increase in shearing, minor qtz stringers.						
		167.94- 170.89 - Zone of narrow qtz stringers. - Visible gold (4 specks) at 168.25.						
		168.50- 169.89 - Minor narrow qtz-cb stringers.						
		169.89- 170.89 - Zone of narrow qtz vein stringers. - Visible gold at 170.50, 170.70 (7 specks). - Tr aspy, py.						
		170.89- 176.89 - Silicified Stevens Island Diorite. - Tr aspy, minor qtz-cb stringers.						
		176.89- 182.56 - Sheared Stevens Island Diorite. - Increase in schistosity due to shearing. - Increase in qtz-cb veining. - Mottled texture due to strong chloritic alteration.						

FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+M
		182.56- 184.78						
		- Fine grained basalt.						
		- Irregular qtz-cb stringers up to 1 cm.						
		- Massive, dark green, tr Py, tr Mo.						
		- Lower contact poorly defined.						
		184.78- 187.78						
		- Creamy felsic dyke.						
		- Mottled yellow, fine grained, highly sheared.						
		- Porphyritic mafic mineral possibly chlorite.						
		- Highly altered with local hematization, intense talc banding and qtz-cb veinlets.						
		- Tr Py.						
		187.78- 190.42						
		- Intercalated talc-chlorite-carbonate schist with creamy felsic dykes.						
		- Brecciated with qtz-cb matrix between fragments.						
		- Tectonic brecciation assisted with movement on fault.						
		- Local mylonitic appearance, strong sericitic alteration.						
		- Poor core recovery, rubbly in places.						
		190.42- 190.78						
		- Hematized blue grey Py- Cpy-Aspy-quartz vein.						
		- Heavily mineralized with 3% Py, tr - 1% Cpy, tr aspy, abundant visible gold (7 specks).						
		- Saccharoidal qtz-cb texture.						
		190.78- 191.74						
		- Talc-chlorite-cb schist.						
		- Highly carbonatized, abundant qtz stringers.						
		- Strong sericitic alteration.						
		- Tr Py, aspy.						

FROM (m)	TO (m)	DESCRIPTION	Sample	FROM	TO	L (m)	Au g/t	P+M
		191.74- 194.30						
		- Felsic dyke.						
		- More mafic, fresher than above dyke.						
		- Highly silicified, very hard.						
		- Fracture filled qtz-cb veinlets less than 2 mm.						
		- Upper and lower contacts poorly defined.						
		- Tr Py, aspy.						
		194.30- 196.90						
		- Sheared Stevens Island Diorite.						
		- Minor 5 cm wide qtz-cb-py-po vein at 195.93 m.						
		- Minor narrow qtz-cb stringers.						
196.90		End of hole						

Total amount of samples= 101
 Total length sampled = 74.0m

Assess file

DOCUMENT
W8901-231



52E11SE9123 23 SNOWSHOE BAY (SHOAL)

900

SNOWSHOE BAY

G. 2645

Refer to sections 10 and 11, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Report of Work

Name and Address of Recorded Holder EXPLORATION BREX INC, 540 SELKIRK ST. S., THUNDERBAY, ONT. P7E 1T6 (For 162278 Canada Inc)	Prospector's Licence No. T5254
	Telephone No. 622-6020

Summary of Distribution of Credits and Work Performance

Mining Division Kenora	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
Township or Area Snowshoe Bay Area	K	1058254	60	K	1018994	20	K	978405	30
Total Assessment Credits Claimed 646 days	K	1058255	60	K	1018995	20	K	978415	50
Type of Work Performed (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work <input type="checkbox"/> Mechanical equipment <input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim) <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Core Specimens	K	1058256	60	K	1018996	20	K	978414	40
	K	1058258	60	K	1018997	20	K	978407	20
	K	1085139	40	K	1018998	60			
	K	1085155	40	K	1018999	40			
	K	1085156	40	K	1019000	20			
	K	1018972	40	K	978325	40			
	K	1018992	20	K	978329	40			
	K	1018993	20						

Dates when work was performed From: March 24 1989 To: March 27 1989	Total No. of Days Performed 646	Total No. of Days Claimed 640	Total No. of Days to be Claimed at a Future Date 6
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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	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
		K978404	646						

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

**Morissette Diamond Drilling,
Haileybury, Ont.
Canada**

**Dates of Drilling
Start March 24/89
Finish March 27/89**

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
OCT 16 1989
RECEIVED

KENORA
OCT 6 1989
AM 9:15 PM
789101112123456

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: **Sept 5/89** Recorded Holder or Agent (Signature): **William C. Yeomans**

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:
WILLIAM C. YEOMANS, 540 Selkirk St. S., Thunder Bay, Ont., P7E 1T6

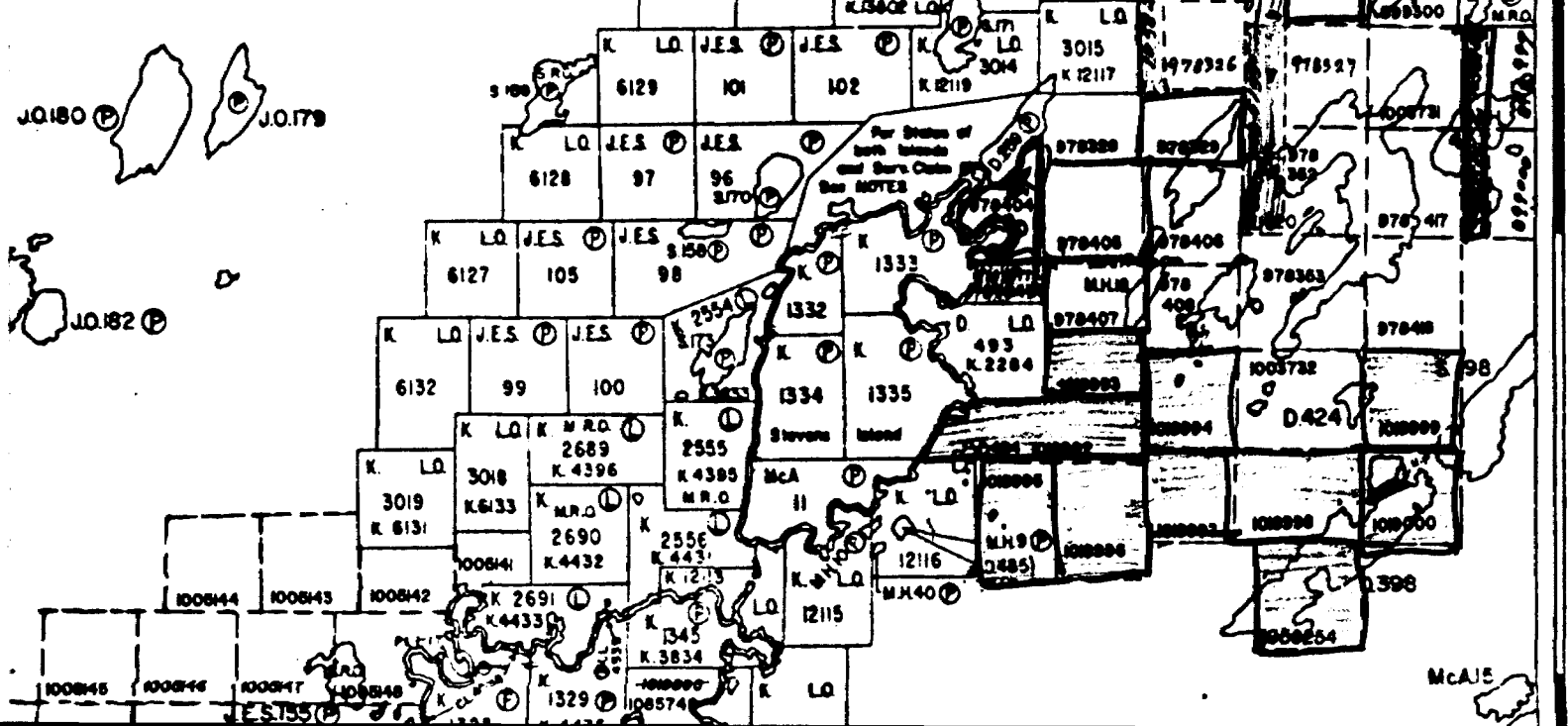
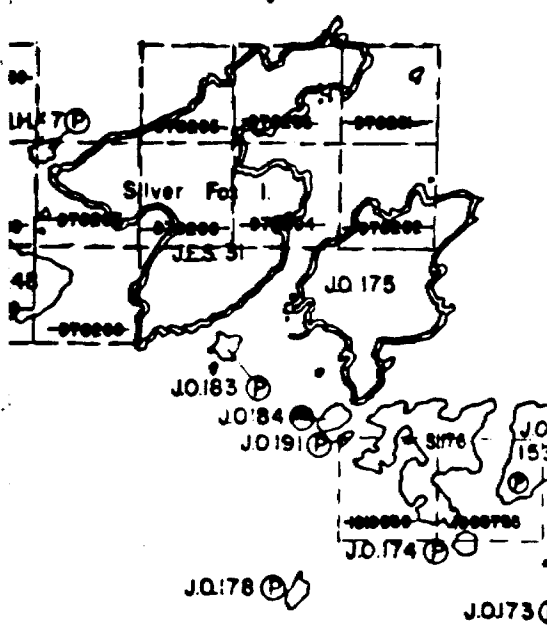
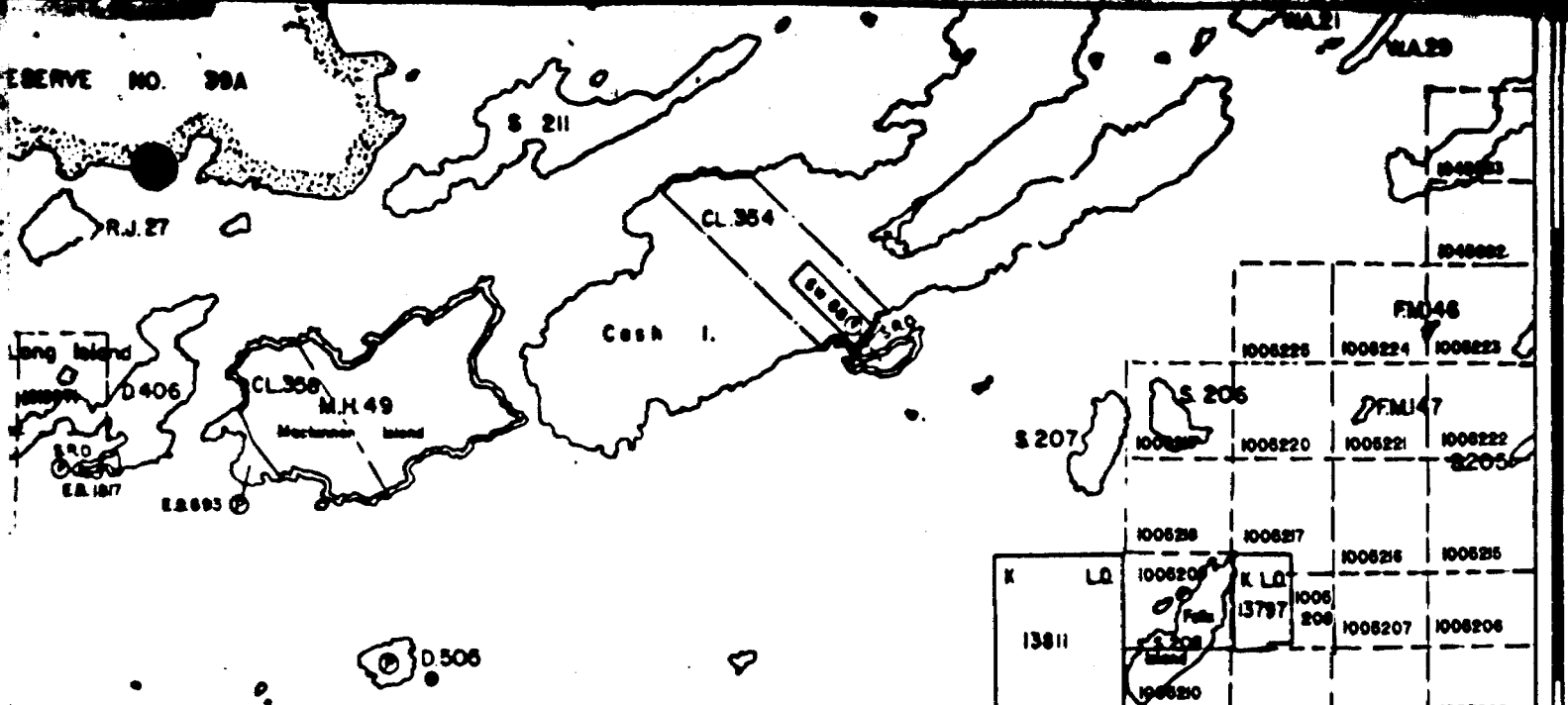
Telephone No.: **622-6020** Date: **Sept. 5/89** Certified By (Signature): **William Yeomans**

For Office Use Only

Work Assignments: **# 231/89 162278 Canada Inc 640 3360**

Received Stamp: **KENORA MINING DIV. RECEIVED SEP - 5 1989 AM 789101112123456 PM**

RESERVE NO. 39A



31

32

33

34

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CLASS. 10