DIAMOND DRILLING

Area: Shoal Lake

Report No: 35

WORK PERFORMED FOR: Golden Rule Resources Ltd.

RECORDED HOLDER: SAME AS ABOVE [x]

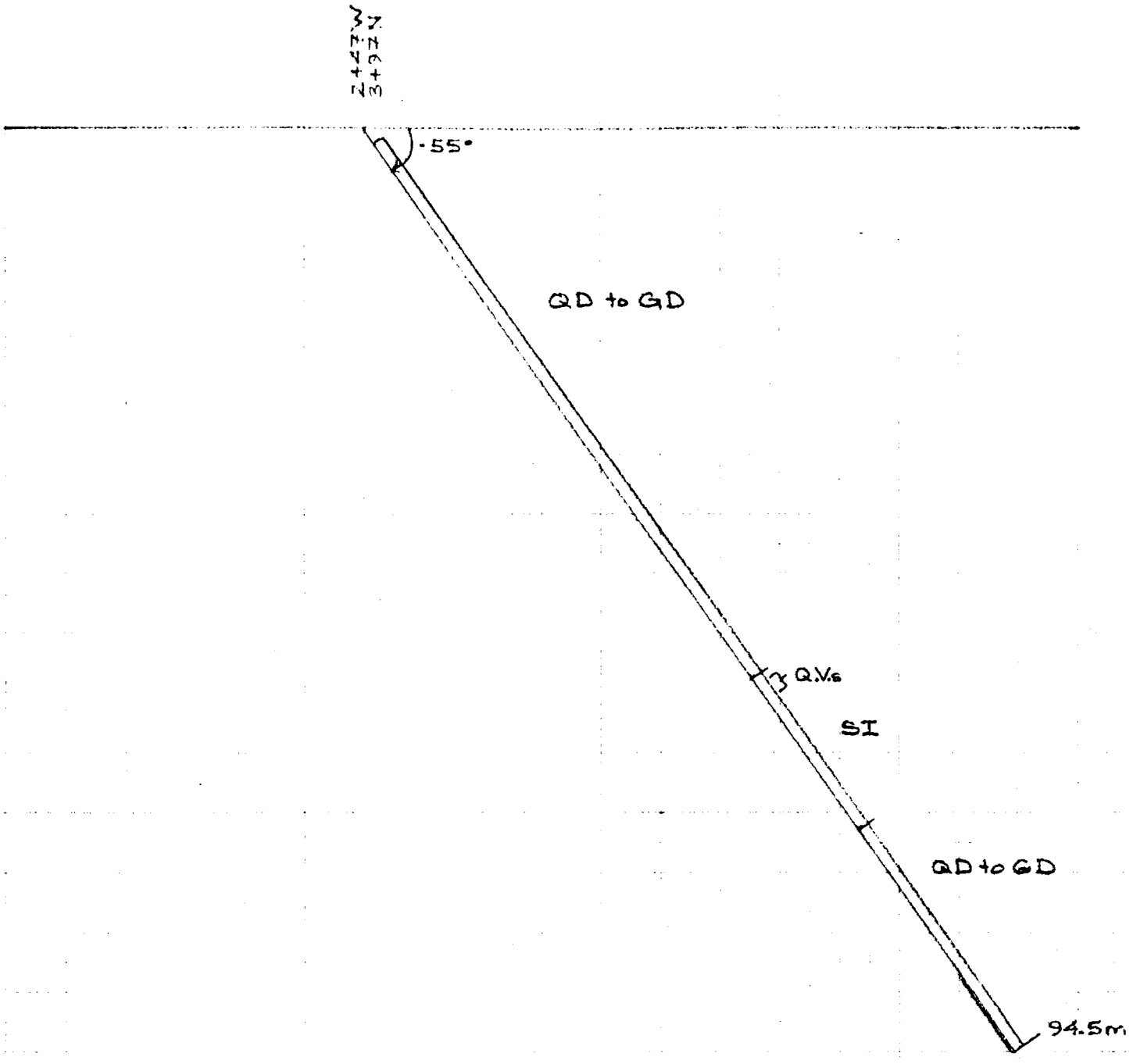
: OTHER [ ]

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
K 77818	SL-87-01	101.8M	Jan-Feb/87	(1) (2)
	SL-87-02	99.1M	Feb/87	(1) (2)
K 77819	SL-87-04	94.5M	Feb/87	(1) (2)
K 710781	SL-87-05	91.4M	Jan/87	(1) (2)
K 77819	SL-87-06	105.2M	Feb/87	(1) (2)

NOTES: (1) # 34-87 (Filed in June/87)

(2) Text and maps coded from OMEP file # OM86-3-C-272 August 9/87. (Assays also from OMEP report).

DDH-SL-87-04



GOLDEN RULE RES. LTD.

SHOAL LAKE PROJECT
DDH CROSS SECTION

SCALE 1:500

5m 0 5 10m

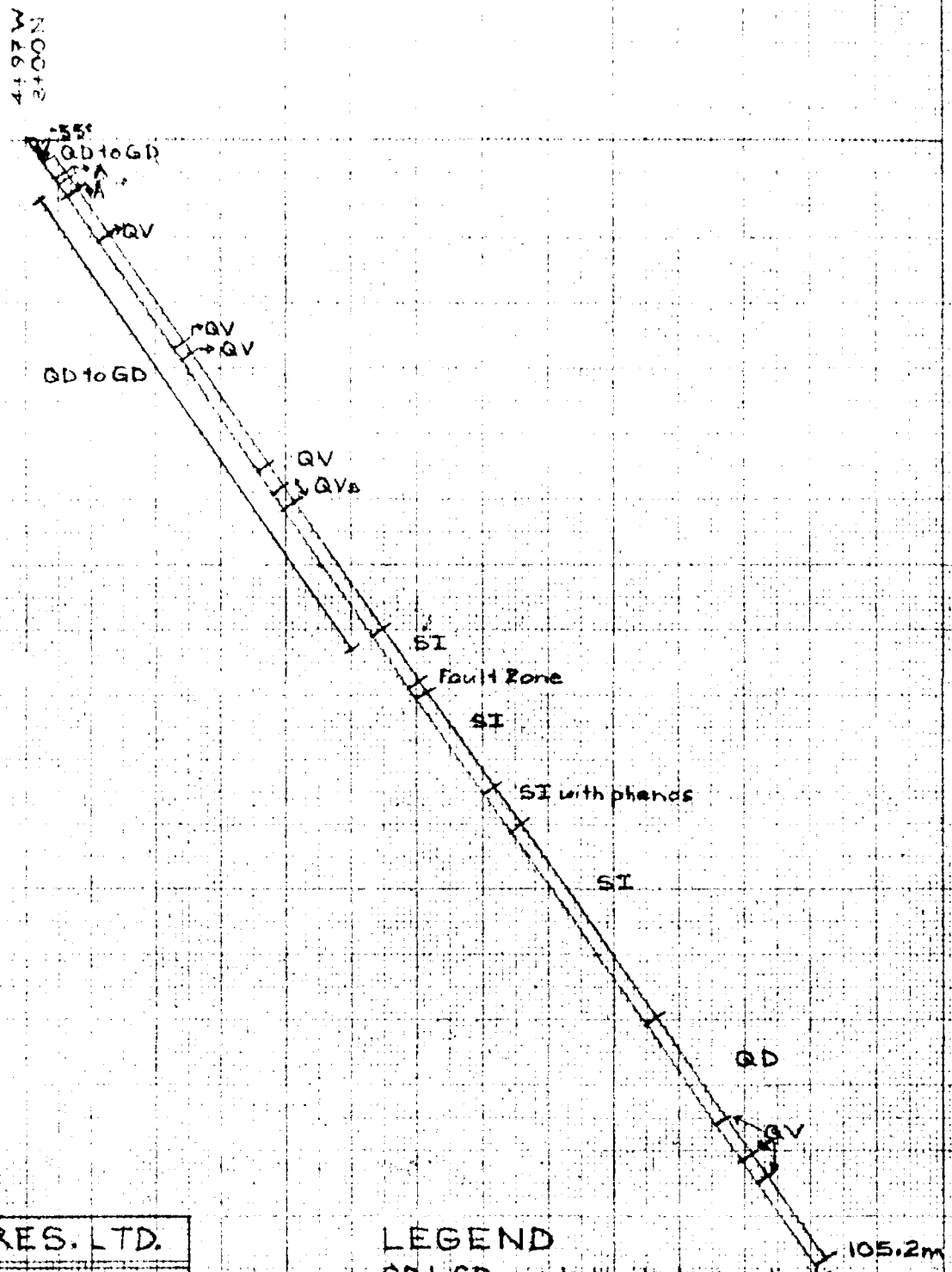
N

DRAFTED FEB 1987 JMS

LEGEND

QD to GD - quartz diorite to granodiorite
SI - siliceous intrusion
Q.Vs - quartz veins

DDH SL-87-06



GOLDENRULE RES. LTD.

SHOAL LAKE PROJECT
DDH CROSS SECTION
SCALE 1:500
5m 0 5 10

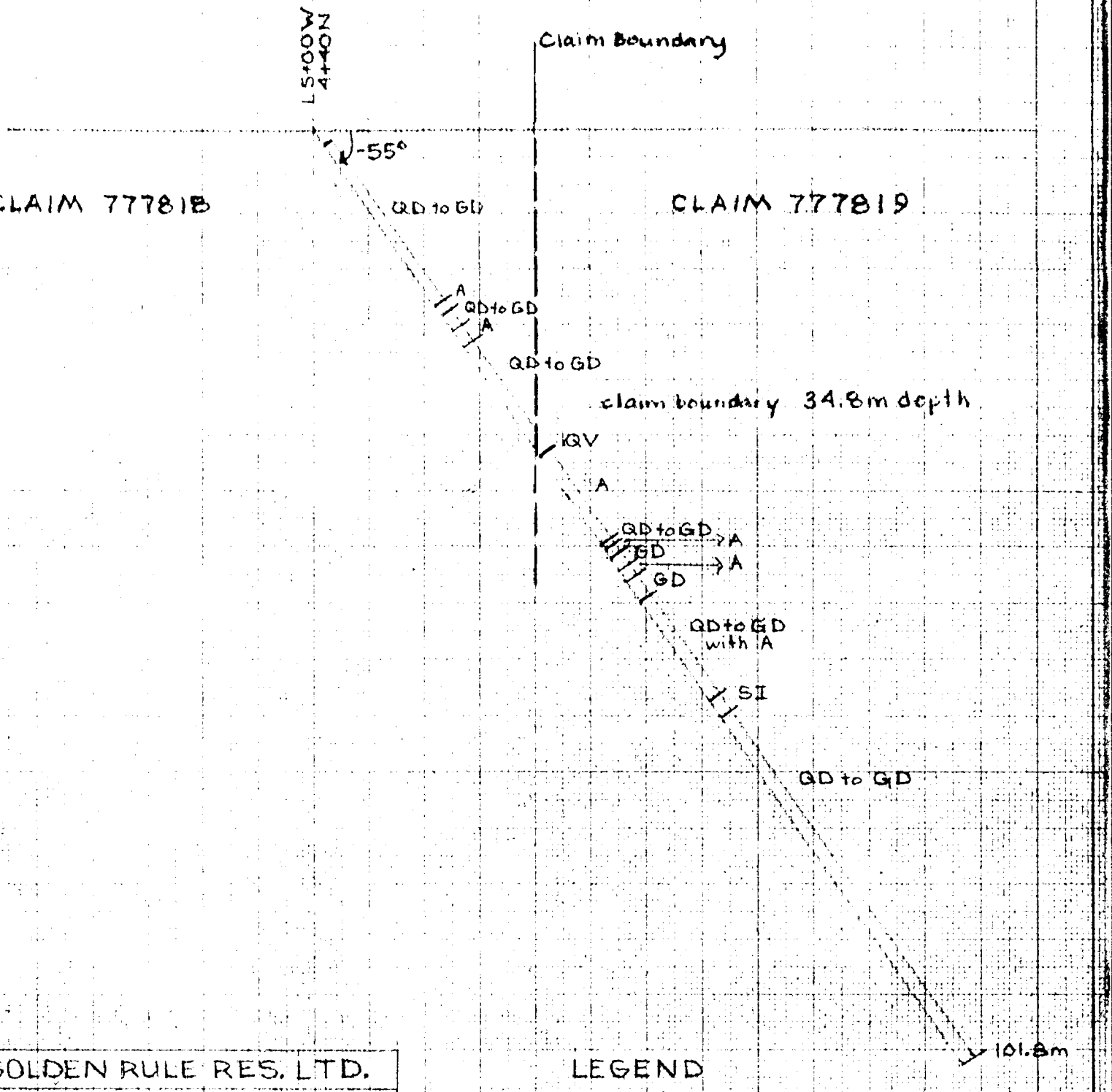
N

DRAFTED FEB 15/87 JMS

LEGEND

QD to GD - quartz diorite to granodiorite
A - aplite
SI - siliceous intrusion
QV - quartz vein

DDH SL-87-01



GOLDEN RULE RES. LTD.

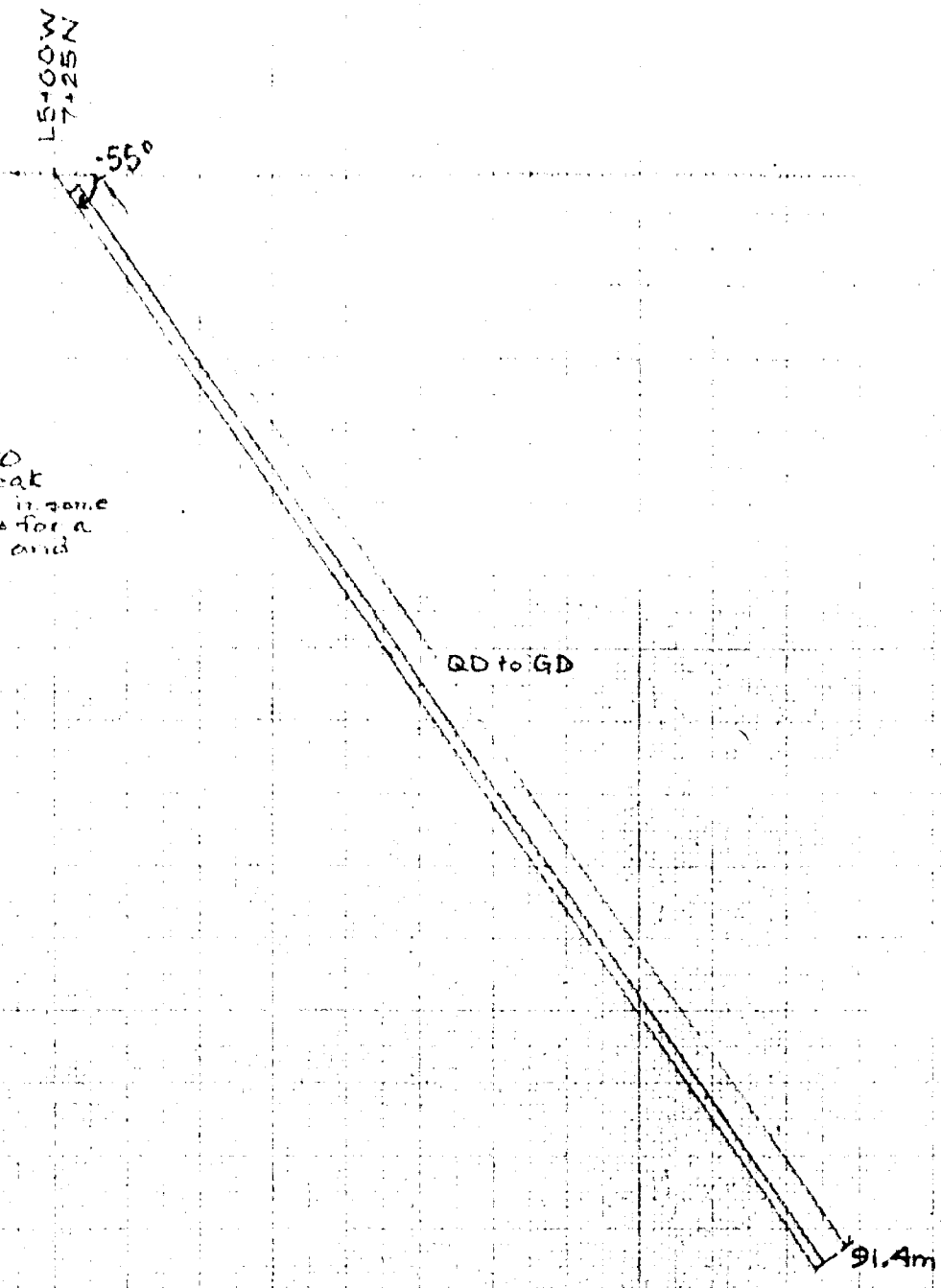
SHOAL LAKE PROJECT
DDH CROSS SECTION
SCALE 1:500
5m 0 5 10m
N

DRAFTED FEB 13/87 JMS

LEGEND

QD to GD	- quartz diorite to granodiorite
A	- aplite
SI	- siliceous intrusion
QV	- quartz vein

DDH SL-87-05



0 to 1.5m CASING

1.5 to 91.4m QUARTZ DIORITE TO GRANODIORITE: weak propylitic alteration in some regions, see drill logs for a complete description and sample intervals.

GOLDEN RULE RES. LTD.

SHOAL LAKE PROJECT
DDH CROSS SECTION

SCALE 1:500

5m 0 5 10m

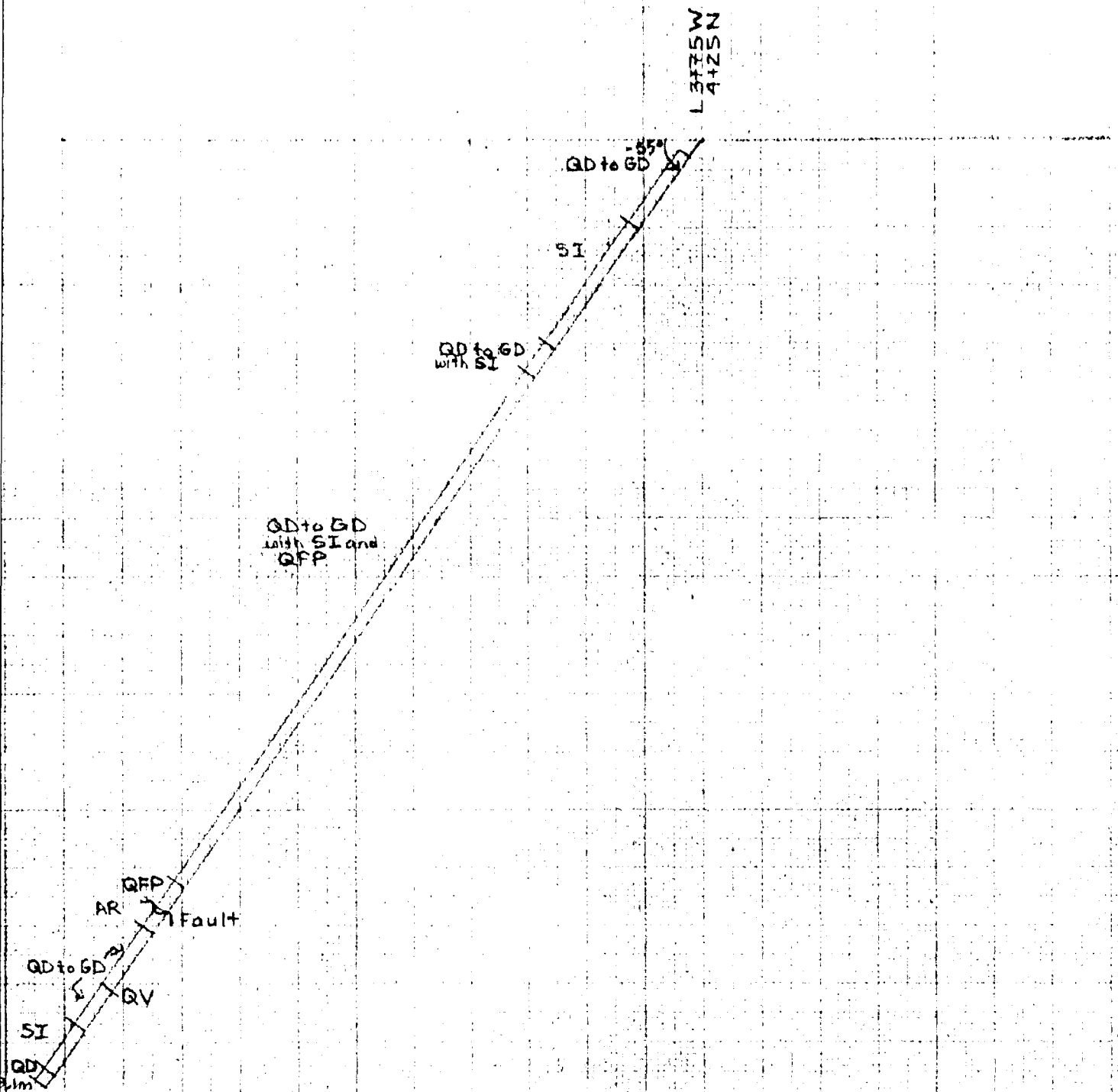
N

DRAFTED FEB. 3/87 JMS

LEGEND

QD to GD - quartz diorite to granodiorite

DDH SL-87-02



GOLDEN RULE RES. LTD.

SHOAL LAKE PROJECT
DDH CROSS SECTION

SCALE 1:500

5m 0 5 10m

N

DRAFTED FEB 15/87 JMS

LEGEND

QD to GD	- quartz diorite to granodiorite
A	- aplite
SI	- siliceous intrusion
QFP	- quartz feldspar porphyry
QV	- quartz vein
AR	- altered region

samples shipped Feb 11/87

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED JAN. 30/87 FINISHED FEB 4th/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1 of 7
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	1.5m	CASING									
1.5	2.4	quartz diorite: broken core, rusty stain									
2.4	18.9	quartz diorite to granodiorite: med. pink to med. green-grey, med. gr., granular, feldspars compose 50-55% of rock and range in colour from clear to white to buck red, quartz composes 30% and is clear and colourless to translucent light grey, biotite and/or hornblende composes 15% to 20% of rock and is dk. green to black, 1 to 5mm wide fracs are found throughout rock at no preferred orientation and filled with chlorite, epidote, biot, clay, minor carbonate, weak to moderate propylitic alteration causes mafics to become chlorite, a few veins have potassic alteration haloes,									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED JAN 30/87 FINISHED FEB 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2 of 7
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		mineralization is in the form of euhedral to anhedral py 2mm to 2cm in size, dissem. throughout rock with larger masses concentrating in highly silicified regions. 1 to 3mm size fracs may be lined with py and/or biot. and chlorite, overall 5% py in concentrated areas up to 25% of rock.										
16.8	18.7	same rock type; increase in amt. of epidote, rock is heavily fractured with lt grn clay and chlorite filling										
18.7	18.9	potassic alteration										
18.9	20.35	aplite dyke - lt pink to lt grey, v.f.g. to sugary texture, contains some qtz eyes 1 to 3mm size, contact at 18.9m is 30°ca, contact at 20.35 is irregular but aprox. perp. t.c.a.										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED JAN 30/87 FINISHED FEB 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3 of 7
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
20.35	22.1	quartz diorite to granodiorite same discription as 16.8 to 18.7m, contact at 22.1 is 40°tca	14018		35.9	36.3	0.4 m @				
			14019		36.3	37.3	1.0				
			020		52	53					
			021		53	54					
			022		54	55					
22.1	23.8	aplite dyke - same description as 18.9 to 20.35m contact at 23.8m not visible due to broken core	023		55	56					
			024		56	57					
			025		60.6	61.6					
			026		61.6	62.6	1.0				
23.8	36.1	quartz diorite to granodiorite same description as 2.4 to 18.9, with increase in fracs filled with chlorite and clay, mafics to chlorite	027		62.6	64.0	1.4				
			028		64.0	65.0	1.0				
			029		65.0	66.0					
			030		66.0	67.0					
36.1	36.15	quartz vein - core broken up so contacts not visible, lt grey to white qtz, f.g., no mineralization	031		71.3	72.3					
			032		72.3	73.3					
			033		73.3	74.3					
			034		74.3	75.3					
36.15	45.4	aplite dyke - same description as 18.9 to 20.35m, med. red-brown colour	035		75.3	76.3	1.0				
			A036		76.3	77.4	1.1				

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION ____ AZIMUTH 180° DIP -55°
STARTED JAN 30/87 FINISHED FEB 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. ____ SHEET NO. 4 of 7
REMARKS
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
45.4	46.15	granodiorite - same description as 2.4 to 18.9m	14037		83.5	84.5	1.0				
			038		84.5	85.5	1.0				
46.15	47.2	aplite dyke - same description as 18.9 to 20.35m, lt grey in colour, contact at 47.2 is 45° tca	039		88.5	89.5	1.0				
			040		92	93	1.0				
47.2	48.5	granodiorite - same description as 2.4 to 18.9m	041		96.5	97.5					
			042		97.5	98.5					
48.5	49.2	aplite dyke - same description as 18.9 to 20.35m, med. red-brown colour	043		98.5	99.5					
			044		99.5	100.5	1.0				
49.2	51.7	granodiorite - same description as 2.4 to 18.9m, mafics alt to chlorite, heavily fractured, facs filled with chlorite	14045		100.5	101.8	1.3				
51.7	62.6	granodiorite intruded by numerous aplite dykes - granodiorite bleached in some sections, highly siliceous, chlorite fills fractures, 2-5% py disseminated throughout									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION ____ AZIMUTH 180° DIP -55°
STARTED JAN 30/87 FINISHED FEB 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. ____ SHEET NO. 5 of 7
REMARKS ____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
at	56.8	mafic veinlet: 5mm wide biot and diorite with 10 to 15% py veinlet which crosscuts fractures, at 55° to a, halo of py rich (20%) rock on 2cm either side of veinlet										
62.6	64.0	siliceous felsite dyke: lt. grey v.f.g. with infrequent quartz eyes 1 to 3mm anhedral, and inclusions of granodiorite, some areas are qtz-feldspar porphyry, 5-10% 1 to 5mm size py disseminations										
64.0	101.8	qtz diorite to granodiorite intruded by siliceous felsite dyke to quartz feldspar porphyry: quartz diorite to granodiorite is same description as 2.4 to 18.9m and siliceous felsite dyke is same description as 62.6 to 64.0; quartz feldspar porphyry is 2 to 5mm euhedral to anhedral feldspars and										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SNOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED JAN 30/87 FINISHED FEB 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 6 of 7
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		subhedral to anhedral 2 to 5mm size clear to lt gry quartz eyes with a siliceous felsite groundmass; dykes range from 2 to 50 cm in core width and contacts are at all angles to ca. concentrations of py are usually assoc. with highly siliceous regions of granodiorite or occurs as vein filling along with chlorite, these 1 to 5mm wide veins cut both granodiorite and siliceous and qtz feldspar dykes.										
71.3	72.3	fractures filled with massive py										
77.4	78.9	1.5m interval contains only 0.5m core, 30% recovery										
82	83.5	3.0 m of solid core for a 1.5 m interval										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-01 LENGTH 101.8m (334')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+40N DEPARTURE L5+00W
ELEVATION ____ AZIMUTH 180° DIP -55°
STARTED JAN 30/87 FINISHED FEB 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. ____ SHEET NO. 7 of 7
REMARKS ____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
83.5	86.3	silicified granodiorite to quartz diorite with 1 to 2 cm zones of py (cathedral)										
94.0	101.8	increase in fracture and silica content										
		101.8m END OF HOLE "CASING PULLED". REAL DEPTH is 103.3m (339') because from 82.0 to 83.5m there is 3m of core (solid), tags were placed incorrectly										

sample shipped Feb 11/87

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-C2 LENGTH 99.1m (325')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+25N DEPARTURE L3+75W
ELEVATION _____ AZIMUTH 360° DIP -55°
STARTED FEB 4/87 FINISHED FEB 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1 of 6
REMARKS

LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	1.5m	CASING	14046		14.2	15.2	1.0				
			047		22	23	1.0				
1.5	4.0	bleached and rusty weathered granodiorite to qtz diorite, core broken up	048		23	24	1.0				
			049		24	25	1.0				
			050		33	34	1.0				
4.0	9.5	quartz diorite to granodiorite: med. pink to med. green-grey, med. gr., inhomogeneous in regions, feldspars compose 45-50% of rock and range in colour from clear to white to brick red, quartz is 35-40% and is clear and colourless to translucent lt. grey, original mafics now chlorite 10-15% and dk green, 1 to 5mm wide fracs are filled with chlorite, epidote, clays, minor carb and py, overall moderate to intense silicification and weak to mod. propylitic alteration, fracs are frequent and at no preferred orientation t.c.a., py as 1 to 5mm cubic and	051		37.5	38.0	0.5				
			052		42.7	43.2	0.5				
			053		59.5	60.5	1.0				
			054		67	68	1.0				
			055		80.9	81.9	1.0				
			056		81.9	82.7	0.8				
			057		89	89.3	0.3				
			058		91.4	92.4	1.0				
			14059		98	99.1	1.1				

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-02 LENGTH 99.1m (325')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+25N DEPARTURE L3+75W
ELEVATION _____ AZIMUTH 360° DIP -55°
STARTED FEB 4/87 FINISHED FEB 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		1mm to 1cm anhedral masses, py generally assoc. with fracs										
9.5	22.0m	siliceous felsite dyke - med. grey, v.f.g. groundmass with phenocrysts of qtz and fspar infrequent: phenos are about 5% of rock, fspars are 1 to 5mm size, anhedral to subhedral and are being altered to clay and sericite, qtz phenos are 3 to 5mm clear & lt grey anhedral; 1 to 3mm size py blebs and frac filling, approx 2% of rock, moderately fractured, fracs filled with chlorite and clay and at all angles t.c.a., contacts at 9.5 and 22.0m are irreg. t.c.a.										
20.7	21.7	xenoliths of med. pink granodiorite within siliceous intrusion										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-02 LENGTH 99.1m (325')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+25N DEPARTURE L3+75W
ELEVATION _____ AZIMUTH 360° DIP -55°
STARTED FEB 4/87 FINISHED FEB 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3 of 6
REMARKS _____
Kyle M. SJ
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
22.0	25.0m	qtz diorite to granodiorite intruded by the siliceous intrusion: granodiorite is bleached looking, lt gry to grn and only composed of chlorite, epidote and quartz; heavily fractured, fracs are hairline and filled with silica, py as 5mm dissem. blobs throughout, <2%.										
25.0	78.0	quartz diorite to granodiorite intruded by siliceous intrusive to quartz-feldspar porphyry: granodiorite is bleached to lt gry to ltgrn with some brick red intervals, intrusive is lt. grey and it intrudes so frequently that not practical to measure all contacts, py occurs dissem. throughout and in fracs, py 1mm to 1cm size, euhedral to anhedral; both siliceous intrusive and granodiorite heavily frac, fracs at all angles										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-02 LENGTH 99.1m (325')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+25N DEPARTURE L3+75W
ELEVATION _____ AZIMUTH 360° DIP -55°
STARTED FEB 4/87 FINISHED FEB 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 4 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		t.c.a. and filled with epidote, chlorite, silica, clay and minor carb plus py									
33.2	33.3	siliceous felsite intrusion (dyke?) - med. grey with 10-15% py along edges and in face that radiate away from contact for 10cm radius contacts are perp. t.c.a									
33.7	33.8	same description as 33.2 - 33.3m									
37.5	37.9	same description as 33.2-33.3m									
42.7	43.2	vein - 1cm wide vein at 30° t.c.a containing clays and py rimmed by chlorite, within bleached granodiorite									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-02 LENGTH 99.1m (325')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+25N DEPARTURE L3+75W
ELEVATION _____ AZIMUTH 360° DIP -55°
STARTED FEB 4/87 FINISHED FEB 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 5 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
59.5	60.5	granodiorite to qtz diorite; ltgry with an increase of qtz, at 59.5 masses 1 to 3cm size with py, freq. fracs containing chl., grn. clay, and epidote										
67	68	increased amt. of fractures, 5mm-1cm size py, 10% py, rock has brick red colour										
78	80.9	qtz-fspar porphyry only, last one metre is brick red colour										
80.9		a fault (clay) and a contact at 45° to ca										
80.9	82.7	altered region - parent unknown, either granodiorite or QFP, v.f.g. ground mass is chlorite, clay & silica, red-brown colour with 1 to 5mm blots of chlorite and minty brn clay, no visible py										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-02 LENGTH 99.1m (325')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 4+25N DEPARTURE L3+75W
ELEVATION _____ AZIMUTH 360° DIP -55°
STARTED FEB 4/87 FINISHED FEB 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 6 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
82.7	93.5	qtz diorite to granodiorite - lt grey-grn to brick red, chl & epidote as mafics, highly siliceous but no intrusion present									
89.25		quartz vein - c.g., 1cm wide with py, 50°tca									
91.4	92.4	lenses of qtz - some vugs and rust stain, one 5mm py blb									
93.5	98	siliceous felsite intrusion with xenoliths of granodiorite									
98	99.1	qtz diorite to granodiorite - same description as 4.0 to 9.5m									
		99.1 END OF HOLE, NO ACID TESTS, CASING PULLED									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-04 LENGTH 94.5m (310')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 3+97N DEPARTURE 2+47W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 11/87 FINISHED FEB 19 '87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1 of 2
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	1.5m	CASING	14074		57.5	58.5	1.0				
			075		60.0	60.5	0.5				
0	∃0.5m	qtz. diorite to granodiorite: lt grn-grey to pink, med. gr., sel. homogeneous, ~pers 50-55% of rock and range in colour from clear to white to brick red. qtz. comprises 30% and is clear and colourless to translucent lt. grey, chlorite is dk green 15-20% of rock, 1 to 5mm fracs at all angles tca are filled ± chlorite, clay, epidote, <2% subhedral to anhedral py dissem throughout	4076		66.5	67.5	1.0				
56.5	71.4	siliceous intrusion: lt grey-grn, felsitic fracs are hairline and at no preferred orientation									
57.5	58.5	quartz vein - hairline to 5mm wide at all									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. S-85-04 LENGTH 94.5m (310')
LOCATION SOUTH LAKE, 0.1 KM E
LATITUDE 3+79 N DEPARTURE 2+47 W
ELEVATION _____ AZIMUTH 130° DIP -55°
STARTED Feb 87 FINISHED Feb 87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2 of 2
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		angles tca, py < 2%										
60.0	60.5	same as 57.5 to 58.5 m										
66.5	67.5	same as 57.5 to 58.5m										
71.4	94.5	qtz diorite to granodiorite - same description as 0 to 56.5m										
		94.5m END OF HOLE, NO ACID TESTS, ANCHOR LEFT										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5

HOLE NO. GR-87-05 LENGTH 91.4m (300')

LOCATION SMOKY LAKE, ONTARIO

LATITUDE 7+25N DEPARTURE L5+00W

ELEVATION ____ AZIMUTH 180° DIP -55°

STARTED JAN 26/87 FINISHED JAN 30/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. ____ SHEET NO. 1 of 3

REMARKS ____

LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	1.5m	CASING	14001		45.6	46.6	1.0				
1.5	91.4m	quartz diorite to granodiorite: med. pink to med. green-grey, med. gr., relatively	14002		49.1	50.1	1.0				
		homogeneous, granular, feldspars compose	003		50.1	51.1					
	50%-55%	of rock and range in colour from clear to white to brick red, quartz composes	004		51.1	52.1					
		30% and is clear and colourless to translucent light grey, biotite and/or hornblende	005		59.5	60.5					
		composes 15% to 20% of rock and is dk green to black, 1 to 5mm wide fracs and	006		79.6	80.6					
		veinlets found throughout rock at no	007		80.6	81.6					
		preferred orientation, fracs are filled with chlorite, epidote, clay and quartz	008		81.6	82.6					
		and masses of pyrite and/or also pyrrhotite. Therm,	009		82.6	83.6					
		around fracs and veinlets is an alteration aureole where propylitic	010		83.6	84.6					
		alteration has taken place and lead to a change of the mafics to chlorite	011		84.6	85.6					
		and/or epidote, a few veins have potassic	012		85.6	86.6					
		alteration haloes, mineralization is in the form of euhedral to anhedral py	013		86.6	87.6					
		1 to 3mm size dissem. Throughout rock and in veinlets, usually 1 to 2% of rock									
		and never greater than 5%.									
9.0	9.6	chloritization of qtz-diorite, py along fracture plane	14014		87.6	88.6	1.0				

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-05 LENGTH 91.4m (300')
LOCATION SHOAL LAKE
LATITUDE 7+25N DEPARTURE L5+00W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED JAN 26/87 FINISHED JAN 30/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2 of 3
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
37.0	36.0m	chloritization along fracs	14015		88.6	89.6	1.0					
44.2	45.0	potassic alteration, composition leans towards granodiorite	14016		89.6	90.6	1.0					
45.6	46.6	1 to 2mm wide qtz-clay-chl-carb veinlets at all angles t.c.a.	14017		90.6	91.4	0.8					
49.1	53.5	same as 45.6 to 46.6 m										
57.9	59.4	zero % core recovery										
59.5	60.5	5mm wide qtz veinlet contains py, measurement taken with reference to the 61m tag										
65.5	66.5	5mm wide qtz veinlet at no pefered orientation contains py, has grey quartz halo around it										
59.4	61.0	there are 3.0m of core for a 1.6m interval, tags improperly placed										
73.2	75.4	feldspars are brick red, composition leans towards a granodiorite										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-05 LENGTH 91.4m (300')
LOCATION SHOAL LAKE
LATITUDE 7+25N DEPARTURE L5+00W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED JAN 26/87 FINISHED JAN 30/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3 of 3
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
79.6	91.4	increase in propylitic alteration to moderate; py content up to 10% in some regions and biot massed in some regions. 91.4m END OF HOLE NO ACID TESTS CASING PULLED REAL DEPTH is 92.8m (304.6') BECAUSE THERE IS 3.0m OF CORE FOR 59.9 to 61.0m, A 1.6m INTERVAL										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-06 LENGTH 105.2m (345')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 3+00N DEPARTURE 4+97W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 8/87 FINISHED FEB 10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	1.9m	CASING	14060		5.5	6.5	1.0				
			061		9.0	9.5	0.5				
1.9	2.4	regular granodiorite - see description in SL-87-05	062		20.0	20.5	0.5				
			063		32.9	33.9	1.0				
2.4	3.55	quartz diorite to granodiorite - lt green-grey, med.gr. intergranular in regions, feldspars compose 45-50% of rock and range in colour from clear to white, quartz is 35-40% and is clear and colourless to translucent and lt grey, chlorite and/or epidote 10-15% med to dk. green, 1 to 5mm wide fracs filled with chlorite, py and clays, py 5-10% as f.g. masses within fracs; fracs at all angles but 2 predom. angles of frac - 20° & 60° tca	064		33.9	34.4	0.5				
			065		47.9	48.9	1.0				
			066		48.9	49.9	1.0				
			067		49.9	50.9	1.0				
			068		50.9	52.3	1.4				
			069		86.7	87.7	1.0				
			070		87.7	88.4	0.7				
			071		92.0	92.3	0.3				
			072		95.2	95.7	0.5				
			14073		97.0	97.5	0.5				
3.55	4.0m	aplite dyke - med. pink, f.g. with intrg. qtz eyes, highly siliceous, heavily frac,									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-06 LENGTH 105.2m (345')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 3+00N DEPARTURE 4+97W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 8/87 FINISHED FEB 10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		py concentrated along these hairline fracs in 5-10% concentrations and also conc. along contacts with qtz diorite, some fracs have rust staining, contacts are broken										
4.0	4.9	quartz diorite - same description as 2.4 - 3.55m										
4.9	5.0	aplite dyke - same description as 3.55 to 4.0m										
5.0	46.0	quartz diorite to granodiorite - same description as 2.4 to 3.55m										
6.2	6.25	rusty zone; appearance of 1 to 5mm size qtz veins with rust stain at all angles t.c.a.										
7.3	7.5	rusty zone; same description as 6.2 to 6.25m										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-06 LENGTH 105.2m (345')
LOCATION SNOAL LAKE, ONTARIO
LATITUDE 3+00N DEPARTURE 4+97W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 8/87 FINISHED FEB 10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3 of 6
REMARKS
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	9.4	quartz - carb vein - 1cm wide at 30°tca, rimmed by chlorite, no apparent py									
12.0	12.1	rusty zone - 1 to 5mm size, qtz veins at 70°tca									
18.4	18.6	rust-stained frac									
	20.2	qtz - carb vein - 1cm wide at 30°tca, rust stain, no apparent py									
	21.15	qtz - carb vein - same as 20.2m									
	31.5	qtz vein - 2mm wide at 40°tca									
	31.55	qtz vein - 2mm wide at 50°tca									

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-D6 LENGTH 105.2m (345')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 3+00N DEPARTURE 4+97W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 8/87 FINISHED FEB 10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 4 of 6
REMARKS
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
32.9	34.4	clay and qtz stockwork - 1 to 5mm size veins at all angles tca										
46.0	51.0	siliceous intrusion - lt. pink-gry to dk. green felsitic (microxtlline), hairline fracs at all angles t.c.a., no apparent py										
47.9	49.5	becomes dk green in colour, 1cm wide qtz veins and stringers all all angles tca.										
51.0	52.2	Fault: highly fractured zone - siliceous, chloritic, brecciated, colour varies to lt. pink										
52.2	61.5	siliceous intrusion - same description as 46.0 to 51.0m										
61.5	64.6	siliceous intrusion with phenos - same description as 46.0 to 51.0 m with 5mm										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-06 LENGTH 105.2m (345')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 3+00N DEPARTURE 4+97W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 8/87 FINISHED FEB 10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 5 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		sige phenos of chlorite, contact at 61.5m is transitional and is ± 40° tca at 64.6m										
64.6	83.1	siliceous intrusion - same description as 46.0 to 51.0m, contact at 83.1m is 50° tca										
83.1	105.2	qtz diorite - same description as 2.4 to 3.55m, <2% py, moderate silicification										
86.7	88.4	chlorite vein - 5mm to 1cm size subparallel tca., contains 5-10% f.g. anhedral py										
92.0	92.1	qtz vein - 1cm wide, vuggy with rust stain at 30° tca, snakes across this 10cm interval										
	95.5	qtz vein - 3cm wide at 30° tca, black to med gry v.f.g. qtz, no apparent py										

DIAMOND DRILL RECORD

NAME OF PROPERTY GR-ONT-5
HOLE NO. SL-87-06 LENGTH 105.2m (345')
LOCATION SHOAL LAKE, ONTARIO
LATITUDE 3+00N DEPARTURE 4+97W
ELEVATION _____ AZIMUTH 180° DIP -55°
STARTED FEB 8/87 FINISHED FEB 10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 6 of 6
REMARKS _____
LOGGED BY JMS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	97.35	qtz vein - 1cm wide at 50°tca, med gry aphanitic quartz, no apparent py									
		105.2 END OF HOLE, NO ACID TESTS, ANCHOR LEFT									

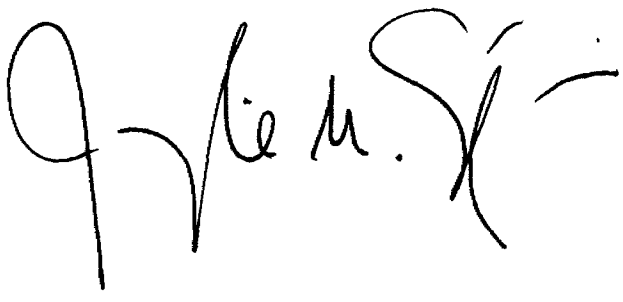
REPORT ON THE 1987 DIAMOND DRILL PROGRAM (JANUARY - FEBRUARY)

Shoal Lake Property (ONT-5)
Glass Township
Kenora Mining Division
NTS 52E/10

on behalf of

GOLDEN RULE RESOURCES LTD.
NORTHERN ABITIBI MINING CORP.

Jacqueline M. Seguin
Golden Rule Resources Ltd.
May, 1987



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INTRODUCTION

The Bag Bay claim group of the Shoal Lake property consists of a block of 30 claims in Glass Township of northwestern Ontario. The property occurs in a region which is presently the scene of extensive exploration by several companies.

A diamond drill program totalling 492 metres (1,614 feet) was carried out on the property in January and February of 1987. Five holes were drilled on claims K-710781, K-777818 and K777819. The purpose of the drilling was to test geophysical and geochemical anomalies which were outlined by ground magnetic and electromagnetic and geological surveys in 1984 and 1985.

In this report the background information on the property and the diamond drill program are summarized and recommendations are made for further work.

Previous assessment reports and government geology maps give a thorough coverage of the regional and local geology and the work that has been done by previous operators on or near the property. One is referred to that information for further detail on these aspects.

LOCATION AND ACCESS

Thirty-five kilometres west of Kenora on Highway 17, access is gained by the road to Clytie Bay and Rush Bay. A bush road from Clytie Bay reaches the present property but it is not accessible by ordinary motor vehicle. The Shoal Lake claims, located along Bag Bay, are three kilometres from the Clytie Bay boat ramp and from there they can be reached by motor boat in the summer. In the winter ice roads are maintained by the local residents so it is possible to travel on Shoal Lake via motor vehicle and reach both the Bag Bay claims and an easy access point to the Helldiver Bay claims.

The location is shown on Figures 1 and 2.

PERSONNEL

From January 23 to February 20, 1987 the diamond drilling program was supervised by Jacqueline M. Seguin, a geologist with Golden Rule Resources Ltd. of Calgary, Alberta.

PHYSIOGRAPHY AND TOPOGRAPHY

The topography of the Bag Bay claims is dominated by frequent outcrops of 5 to 30 m relief. Forest covers most of the property, with local areas of swamp.

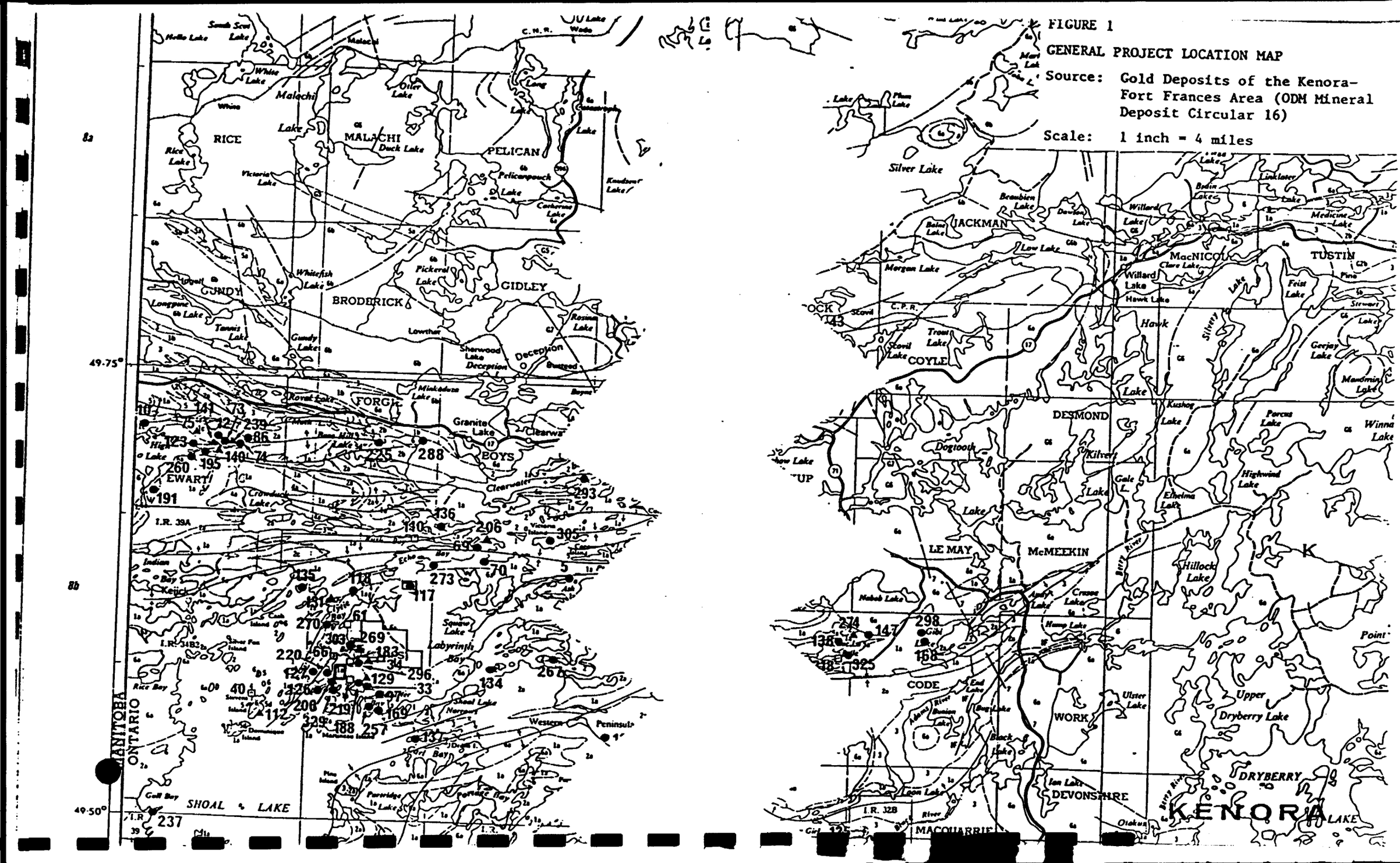


FIGURE 1

GENERAL PROJECT LOCATION MAP

Source: Gold Deposits of the Kenora-Fort Frances Area (ODM Mineral Deposit Circular 16)

Scale: 1 inch = 4 miles

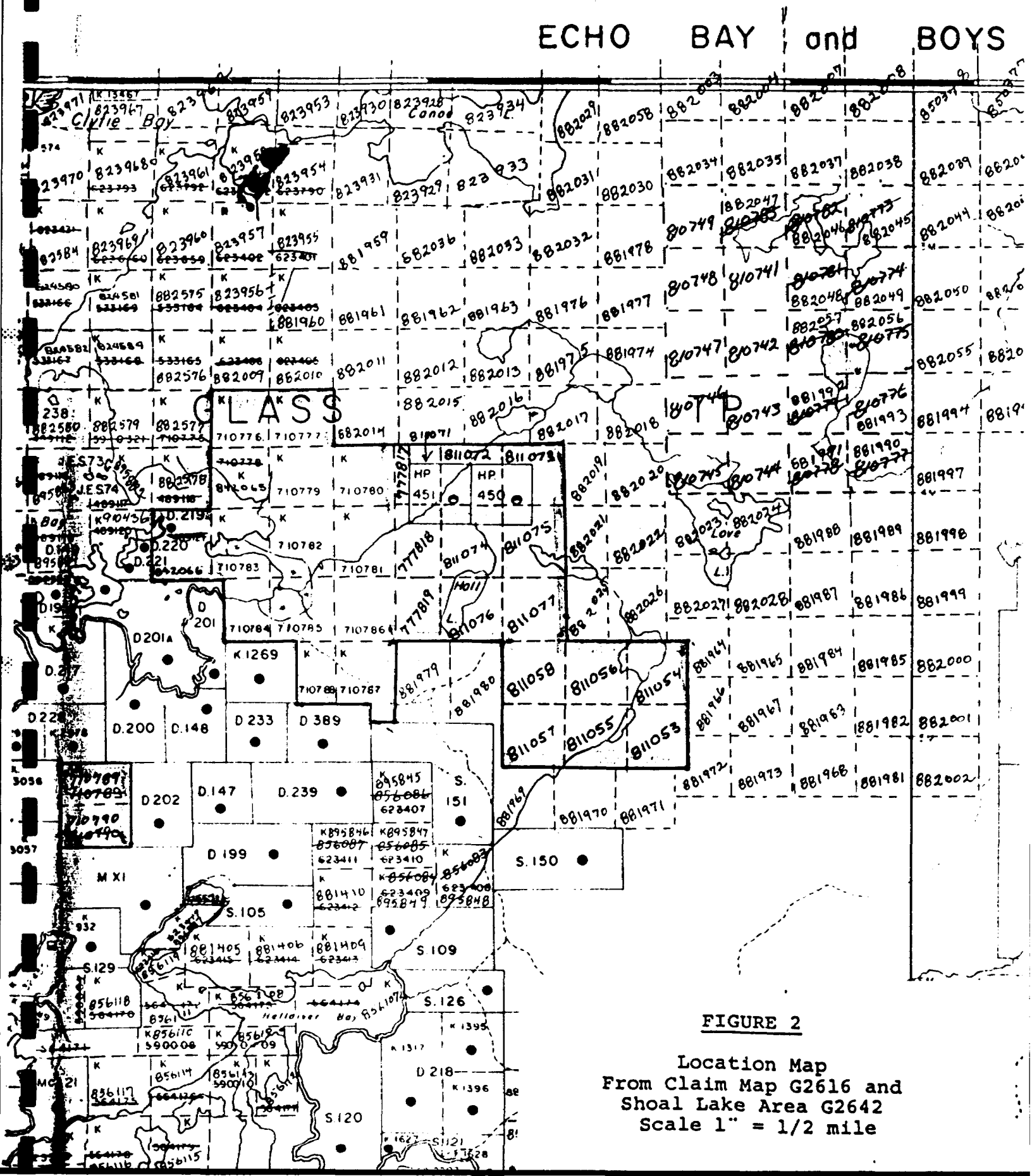


FIGURE 2

Location Map
From Claim Map G2616 and
Shoal Lake Area G2642
Scale 1" = 1/2 mile

LAND STATUS

The Shoal Lake property, located in Glass Township is comprised of 34 mineral claims in three non-contiguous groups:

Bag Bay	K-710776 to K-710777, K-710779 to K710788, K-777817 to K-777819, K-811071 to K-811077, K-811053 to K-811058, K-842065 and K-842066.
Echo Bay	K-811028 and K-811031
Helldiver Bay	K-710789 to K-710790

The location of the property in relation to other gold occurrences is indicated in Figure 1. The diamond drill program was carried out on claims K-710781, K-777818 and K-777819. As of March 31, 1987 the Helldiver Bay claims lapsed.

PREVIOUS WORK

The region has had a long and colorful history for gold mining and exploration. The main periods of activity were 1890-1910 and 1934-1943. Most of the gold discoveries in the region were made from 1885 to 1895, utilizing conventional prospecting techniques.

One of the more important past-producers, the Mikado Mine, is situated immediately west of the Bag Bay claims. The Midado has a recorded production of 28,335 ounces of gold. This property is currently, being drilled by St. Joe Canada Inc. Consolidated Professors Shoal Lake gold deposit is presently being developed. It is five kilometres southwest of the property.

Figure 1 illustrates the gold occurrences in this region. The cluster of known occurrences around the Canoe Lake Stock and the High Lake Stock has not until very recently been identified as an important indicator of possible significant new deposits within the intrusive bodies.

More recently work has been done on the Bag Bay group of mineral claims. Since 1984 the claims have been explored on a joint venture basis by Golden Rule Resources Ltd. and Northern Abitibi Mining Corp. During the winter of 1987 a diamond drilling program was carried out on the Bag Bay group of claims. For a detailed account of the work done in 1984 and 1985 see the assessment reports filed by Golden Rule Resources Ltd.

REGIONAL GEOLOGY

The properties are situated in the Shoal Lake area of the Kenora Mining District. The geologic mapping covering the property area is presented on the Bag Bay map sheet (Ontario Geological Survey, Map 2422) at a scale of 1/2 mile to the inch. The map sheet covers a portion of the Wagiboon Greenstone Belt of Archean age.

The properties are within and peripheral to the Canoe Lake Stock, which intrudes volcanic rocks. As is illustrated in Figure 1, numerous gold occurrences are situated along the western edge of the stock. Most of these are associated with east-west trending shear systems which continue into the stock.

ECONOMIC GEOLOGY

The gold occurrences of the region, with the exception of the Duport deposit, are generally associated withe late-stage shear zones. Modest prior production has been obtained from these structures on a historical basis. Very little recent exploration of these structures has been completed.

The properties were acquired as a result of limited surface investigations which located mineralized structures within the Canoe Lake Stock. Stocks intruding volcanic piles have been demonstrated to be very attractive environments for gold exploration. The presence of numerous gold occurrences in the adjacent volcanics, especially near intrusive contacts, is a positive indicator.

Gold deposits hosted by fissure veins and shear systems form the traditional exploration targets. However, many traditional prospectors shy away from exploring the intrusives, viewed as unproductive, even in instances in which gold occurrences are known to be present within the intrusives. The historical records indicate this to be the case for the Canoe Lake Stock.

The Bourlamaque batholith in the Val d'Or camp was one of the areas of successful exploration within favorable intrusives. More recent successes have been obtained from the Star Lake area of northern Saskatchewan. Discoveries by Calnor Resources Ltd. in the High Lake intrusive (12 miles to the northwest of the Shoal Lake area) further illustrate the importance of these settings. The intrusives are favorable settings for shear-related deposits in that the units are generally homogeneous and more susceptible to the development of brittle fracturing and the local development of dilatant zones.

Historical prospecting often had little success in this environment as the best developed shears were recessive weathering and often totally obscured by overburden.

Geophysical procedures (VLF-EM and ground magnetics) can be very useful in the exploration for this type of deposit. Since the intrusives often are flat magnetically and without significant conductance, the above-mentioned methods have the potential of responding to the shear systems and being of direct use in defining drill targets.

The weakly developed conductivity and the magnetic responses associated with the shearing are often too subtle to be of use in tracing these targets through more variably responding volcanic and sedimentary environments.

The other methods which have been of particularly good use are soil geochemistry and basal-till sampling with overburden drilling techniques in areas where soil conditions are not suitable for soil geochemistry.

LOCAL GEOLOGY

The Bag Bay mineral claims were geologically mapped in 1985 and the reader is referred to that assessment reports for the detailed geology.

In general the Bag Bay group of mineral claims cover a portion of the Canoe Lake Stock. Outcrops of granodiorite and quartz diorite with quartz veins, and small aplite dykes as well as areas of basalt are found on the property.

DIAMOND DRILL PROGRAM

A diamond drill program was conducted on the Bag Bay claims of the Shoal Lake property from January 23 to February 20, 1987. The program is summarized on Table 1 and the diamond drill hole locations are represented on Map 1.

Drilcor Industries Ltd. of Delta, B.C. was the diamond drill contractor.

Five holes were drilled on claims K-710781, K-777818 and K-777819. A total of 492 metres (1,614 feet) of NDB size core (including overburden) was drilled. Individual hole lengths varied from 91.4 to 105.2 metres.

A total of 70.6 metres of core was split and sampled in intervals varying from 0.3 to 1.4 metres. Seventy-six samples were sent to Bell-White Analytical Laboratories Ltd. of Haileybury, Ontario. All of the samples were analysed for gold. Analytical results are found in Appendix A. Significant gold values were not encountered.

The most common rock types encountered during the drilling were granodiorite to quartz diorite and aplite dykes. Quartz and quartz-carbonate veins up to 1 cm in width were encountered in all but hole 5. Hairline fractures were sporadic and exhibited haloes of potassic and silicic alteration. Up to 10% pyrite was concentrated along these fractures as fine-grained, anhedral masses. Pyrite also occurred disseminated throughout in concentrations <5% and as anhedral to euhedral crystals. Refer to the drill logs and cross-sections of Appendix B for further detail. The core was stored at the site of drill hole SL-87-02.

TABLE 1

SUMMARY OF DIAMOND DRILL PROGRAM

HOLE NO.	CLAIM	LOCATION	AZIMUTH	DIP DEG.	LENGTH (METRES)
SL-87-01	K-778818, K-777819	L5+00W, 4+40N	180 deg.	-55	101.8
Magnetic Anomaly: Magnetitie with pyrite in granodiorite					
SL-87-02	K-777818	L3+75W, 4+25N	360 deg.	-55	99.1
Rock Geochemical Anomaly: No explanation Remarks: No gold-bearing veins within host					
SL-87-03 ---- Not drilled, located in a swamp -----					
SL-87-04	K-777819	2+47W, 3+97N	180 deg.	-55	94.5
Magnetic Anomaly: Aplite dyke VLF-EM Anomaly: Aplite dyke					
SL-87-05	K-777818 K-710781	L5+00W, 7+25N	180 deg.	-55	91.4
Magnetic Anomaly: No explanation Rock Geochemical Anomaly: No explanation Remarks: No gold bearing veins present					
SL-87-06	K-777819	4+97W, 3+00N	180 deg.	-55	105.2
Soil Geochemical Anomaly: No explanation Magnetic Anomaly: Aplite dykes					

CONCLUSIONS AND RECOMMENDATIONS

The diamond drill program effectively explained the geophysical anomalies and confirmed the geology of the Shoal Lake property. Significant gold mineralization was not found.

Most of the magnetic conductors were explained by the frequent aplite intrusions. Granodiorite to quartz diorite were dominant rock units intersected in the drilling with frequent aplite dykes.

The geology of the Bag Bay claim group is similar to that reported for gold occurrences of the Canoe Lake Stock. This similarity to other gold properties indicates the potential for hosting economic gold mineralization. Further drilling on other areas of the property ie. near to the Tycoon Showing may delineate areas of gold mineralization.

SHOAL LAKE EXPENDITURES
UP TO MAY 6, 1987

Drill Contract, January 16 - February 20	$ 88,297.85
Cat Rental and Operator	14,640.00
Supervisory and Consulting	16,786.57
Support Personnel Wages	5,550.00
Meals	604.04
Accommodation	3,800.00
Camping supplies, Equipment	240.00
Air transportation	945.00
Vehicle Rentals	3,500.00
Vehicle Operation Costs	245.00
Assays	758.00
Communication (xerox, courier, telephone, etc.)	665.00
TOTAL	$ 136,031.46

APPENDIX A

CERTIFICATES OF ANALYSIS

To: GOLDEN RULE RESOURCES LTD
[redacted], 1122 - 4 Street S.W.,
Calgary, Alberta T2R 1M1
Attn: Glen Harper
cc: J.M. Seguin
cc: J. Hansen cc: M. Fox

File No. 29576
Date February 19, 1987
Samples Core

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD
ASSAY	
14014	.030

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GOLDEN RULE RESOURCES LTD
4[redacted] 1122 - 4 Street S.W.,
Calgary, Alberta T2R 1M1
Attn: Glen Harper
cc: J.M. Seguin
cc: J. Hansen cc: M. Fox

File No. 29576
Date February 19, 1987
Samples Core

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	PPB Au
"Geochemical Analysis"	
14001	45
02	15
03	30
04	10
14005	35
06	125
07	35
08	50
09	15
14010	100
11	55
12	120
13	150
14	+1000
14015	240
16	45
17	20
18	15
19	20
14020	25
21	5
22	30
23	40
24	10
14025	55
26	50
14027	30

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GOLDEN RULE RESOURCES LTD.
410, 1122 - 4 Street S.W.,
Calgary, Alberta T2R 1M1
Attn: Glen Harper
cc: J.M. Seguin
cc: J. Hansen cc: M. Fox

File No. 29576
Date February 19, 1987
Samples Core

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	PPB Au
"Geochemical Analysis"	
14028	30
29	35
14030	25
31	45
32	50
33	25
34	Nil
14035	25
36	20
37	30
38	25
39	20
14040	5
41	30
42	85
43	70
44	50
14045	15
46	10
47	20
48	25
49	25
14050	20
51	20
52	125
53	15
14054	20

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Bob Beran
Assayer

To: GOLDEN RULE RESOURCES LTD
1122 - 4 Street S.W.,
Calgary,Alberta T2R 1M1
Attn: Glen Harper
cc: J.M. Seguin
cc: J. Hansen cc: M. Fox

File No. 29576
Date February 19, 1987
Samples Core

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	PPB Au
"Geochemical Analysis"	
14055	Nil
56	10
57	15
58	30
14059	Nil

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GOLDEN RULE RESOURCES
[redacted], 1122 - 4 Street S.W.,
Calgary, Alberta T2R 1M1
Attn: Glen Harper
cc: J.M. Seguin cc: M. Fox
cc: J. Hansen

File No. 29589
Date February 20, 1987
Samples Core

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD
ASSAY	
14070	.031

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GOLDEN RULE RESOURCES LTD
[redacted], 1122 - 4 Street S.W.,
Calgary, Alberta T2R 1M1
Attn: Glen Harper
cc: J.M. Seguin
cc: J. Hansen - Geotest Corp
cc: M. Fox - CRM LTD

File No. 29611
Date March 3, 1987
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	PPB Au
"Geochemical Analysis"	
14074	Nil
75	15
14076	15

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

Ministry of Northern Development and Mines

Ontario

asa

52E10SW8516 35 SHOAL LAKE

900

ed data on a separate form for each to be recorded (see table below). ...ical work use form no. 1362 "Report ...ogical, Geophysical, Geochemical and ..." #115-87

Name and Postal Address of Recorded Holder

GOLDEN RULE RESOURCES LTD.

Inspector's Licence No.

T1918

SUITE 410 - 1122 4 ST. SW. CALGARY, ALTA. T2R 1M1

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed

902 ~~934~~

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
K	710776	32	K	710785	32	K	777817	20
	710777	32		710786	32		811053	32
	710779	32		710787	32		811054	52
	710780	32		710788	32		811055	32
	710781	32		777818	10		811056	32
	710782	32		777819	10		811057	32
	~~710783~~	~~32~~		842065	22		811058	32
	710784	32		842066	32		811071	32

All the work was performed on Mining Claim(s): K. 710781, 777818-19.

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

1. DDH STRIP LOGS FOR SL-87-01, SL-87-02, SL-87-04, SL-87-05, SL-87-06.
2. LOCATION SKETCHES FOR ABOVE
3. SUPERVISING PROJECT GEOLOGIST
   J. SÉGUIN
   #504 815 4 AVE SW
   CALGARY, AB T2P 3G8
4. DRILLING CONTRACTOR
   DRILCOR INDUSTRIES LTD.
   #117 7449 HUME AVE.
   DELTA BC
   V4G 1C3

#1 - 334
#2 - 325
#4 - 310
#5 - 300
#6 - 345
1614' 934' remaining from #34-87 <

See also

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE

JUL 9 1987

1987 KENORA MINING DIV. RECEIVED MAY 19 1987 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Date of Report: MAY 14, 1987

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 he... performed the ... or witnessed same during a... d/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

JACQUELINE M. SÉGUIN
-815 4 AVE SW CALGARY, AB T2P 3G8
APT 1913

Date Certified: MAY 14/87

Certified by (Signature)

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work / operated equipment, together with dates and hours of employment. 710775.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done. JAN 23 - FEB 20/87	
Diamond or other core drilling	Signed core log showing, footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

768 (85/12)

Ministry of Northern Development and Mines
Ontario

Report of Work — SHOAL LAKE

Mining Act

Instructions: – ... data on a separate form for each ... be recorded (see table below)
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

#115-87

Name and Postal Address of Recorded Holder: GOLDEN RULE RESOURCES LTD
SUITE 410 - 1122 4 ST. SW. CALGARY, ALTA.

Prospector's Licence No.: T1918

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 934

Performance of the following work (Check one only):
- [ ] Manual Work
- [ ] Shaft Sinking, Drifting or other Lateral Work
- [ ] Compressed Air, other Power driven or mechanical equip.
- [ ] Power Stripping
- [x] Diamond or other Core Drilling
- [ ] Land Survey

Mining Claim Prefix	Number	Work Days Cr.	Mining Claim Prefix	Number	Work Days Cr.	Mining Claim Prefix	Number	Work Days Cr.
K	811072	32	K			K		
	811073	32						
	811074	32						
	811075	32						
	811076	52						
	811077	32						

All the work was performed on Mining Claim(s): K. 710781, 777818-19

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

DDH STRIP LOGS FOR SL-87-01, SL-87-02, SL-87-04, SL-87-05, SL-87-06

2 LOCATION SKETCHES FOR ABOVE

3 SUPERVISING PROJECT GEOLOGIST
J. SÉGUIN
#504 815 4 AVE SW
CALGARY, AB T2P 3G8

4 DRILLING CONTRACTOR
DRILCOR INDUSTRIES LTD.
#17 7449 HUME AVE.
DELTA BC
V4G 1C3

#1 - 334
#2 - 325
#4 - 310
#5 - 300
#6 - 345
1614 934 remaining

KENORA MINING DIV.
RECEIVED
MAY 19 1987
AM 7,8,9,10,11,12,1,2,3,4,5,6 PM

Date of Report: MAY 14/87

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 Postal Address of Person Certifying:
JACQUELINE M. SEGUIN
-815 4 AVE SW CALGARY, AB
APT 1513 T2P 3G8

Date Certified: MAY 14/87

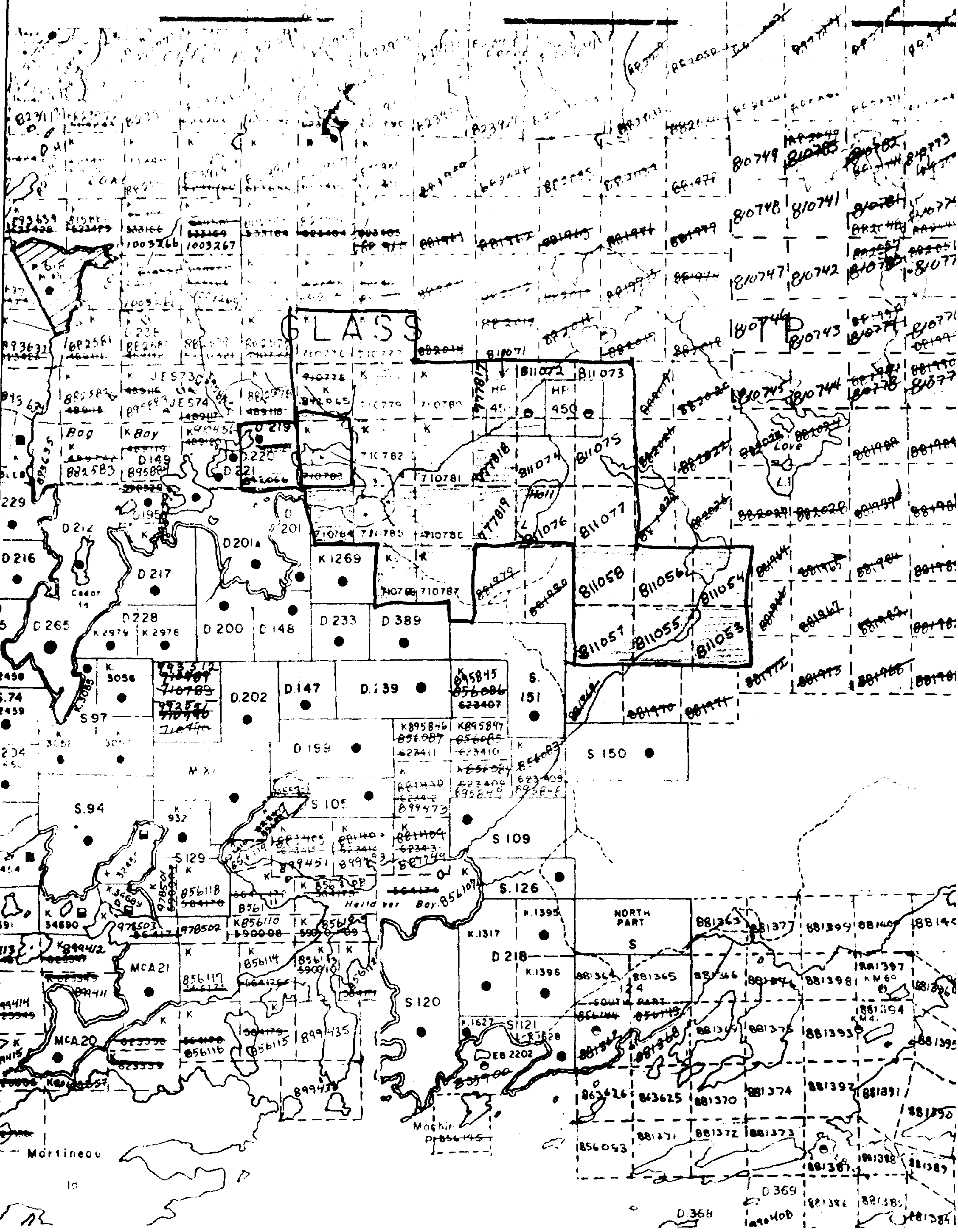
Certified by (Signature): [signature]

Table of Information Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done. JAN 23 - FEB 20/87	
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor	Nil	Nil

1362 (85/12)

ECHO BAY and



GLASS
TP
D 219
D.220
D.221
D149
895884
882583
Bog
Bay
JES73
JES74
1003266
1003267
893639
893632
893635
D 212
D 216
D 217
Cedar Is
D 228
D 265
K 2979
K 2978
D 201A
D 201
D 195
D 200
D 148
D 233
D 389
K 1269
710781
710782
710784
710785
710786
710787
710779
710780
811071
811072
811073
811074
811075
811076
811077
HP 450
811058
811056
811054
811051
811055
811053
810749
810748
810741
810747
810742
810743
810744
810745
Love
L.1
D.202
D.147
D.239
D 199
S. 151
S 150
S 105
S 109
S.126
S.94
S.97
S.74
S129
K 3056
K 3085
932
K895845
K895846
K895847
899473
899451
856118
856110
856114
856117
856116
856115
856107
899435
899437
978503
978502
34690
K 34689
MCA21
MCA20
Helldiver Bay
S.120
K.1317
K.1395
K.1396
D 218
NORTH PART
S
124
SOUTH PART
K.1627
S1121
K.1628
EB 2202
Moshir
863626
863625
856053
881363
881377
881399
881364
881365
881366
881398
881397
KM 69
881394
KM4
881393
881369
881375
881370
881374
881392
881391
881371
881372
881373
881387
881388
881389
D 369
D.368
881386
881385
881384
Martineau Is

assessment file 6.2642

Ministry of Northern Development and Mines

Ontario

Report of Work

SHOAL LAKE

Mining Act

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

#34-87

Name and Postal Address of Recorded Holder	Prospector's Licence No.
GOLDEN RULE RESOURCES LTD. SUITE 410 - 1122 4 ST. SW. CALGARY, ALTA.	T 1918

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 680

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
K	710776	40	K	710785	40	K	777817	40
	710777	40		710786	40			
	710779	40		710787	40			
	710780	40		710788	40			
	710781	40		777818	40			
	710782	40		777819	40			
	710783	40		842065	40			
	710784	40		842066	40			

All the work was performed on Mining Claim(s): K. 710781, 777818-19

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

1. DDH STRIP LOGS FOR SL,87-01, SL-87-02, SL-87-04, SL-87-05 SL-87-06.
2. LOCATION SKETCHES FOR ABOVE
3. SUPERVISING PROJECT GEOLOGIST
J. SÉGUIN
#504 815 4 AVE SW
CALGARY, AB T2P 3G8
4. DRILLING CONTRACTOR
DRILCOR INDUSTRIES LTD.
#17 7449 #UME AVE.
DELTA BC
V4G 1C3

#1 - 334
#2 - 325
#4 - 310
#5 - 300
#6 - 345
1614'
934' remaining

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE
FEB 25 1987
RECEIVED

KENORA MINING DIV.
RECEIVED
FEB 19 1987
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Date of Report	Recorded Holder or Agent (Signature)
FEB 20/87	

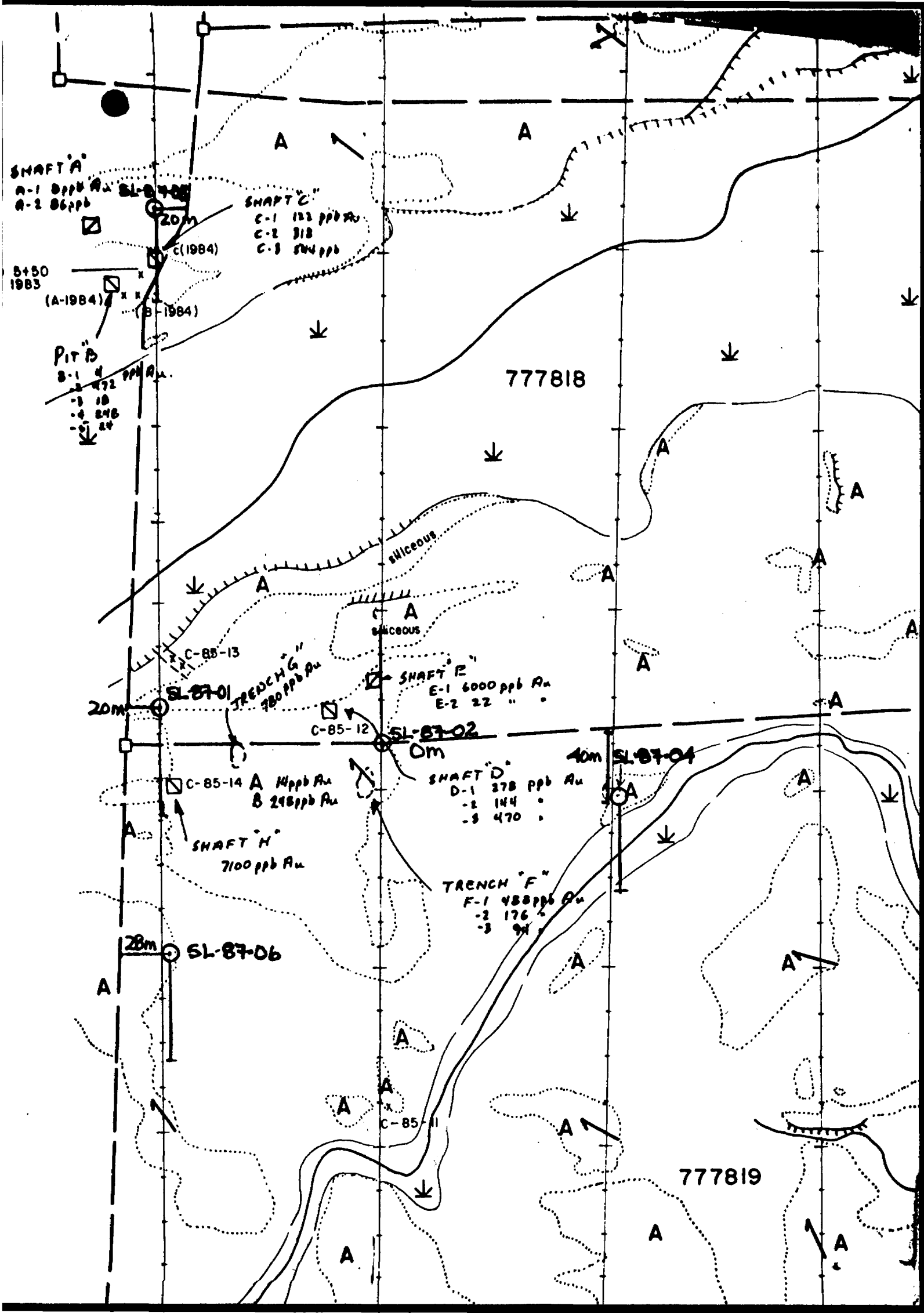
Certification Verifying Report of Work

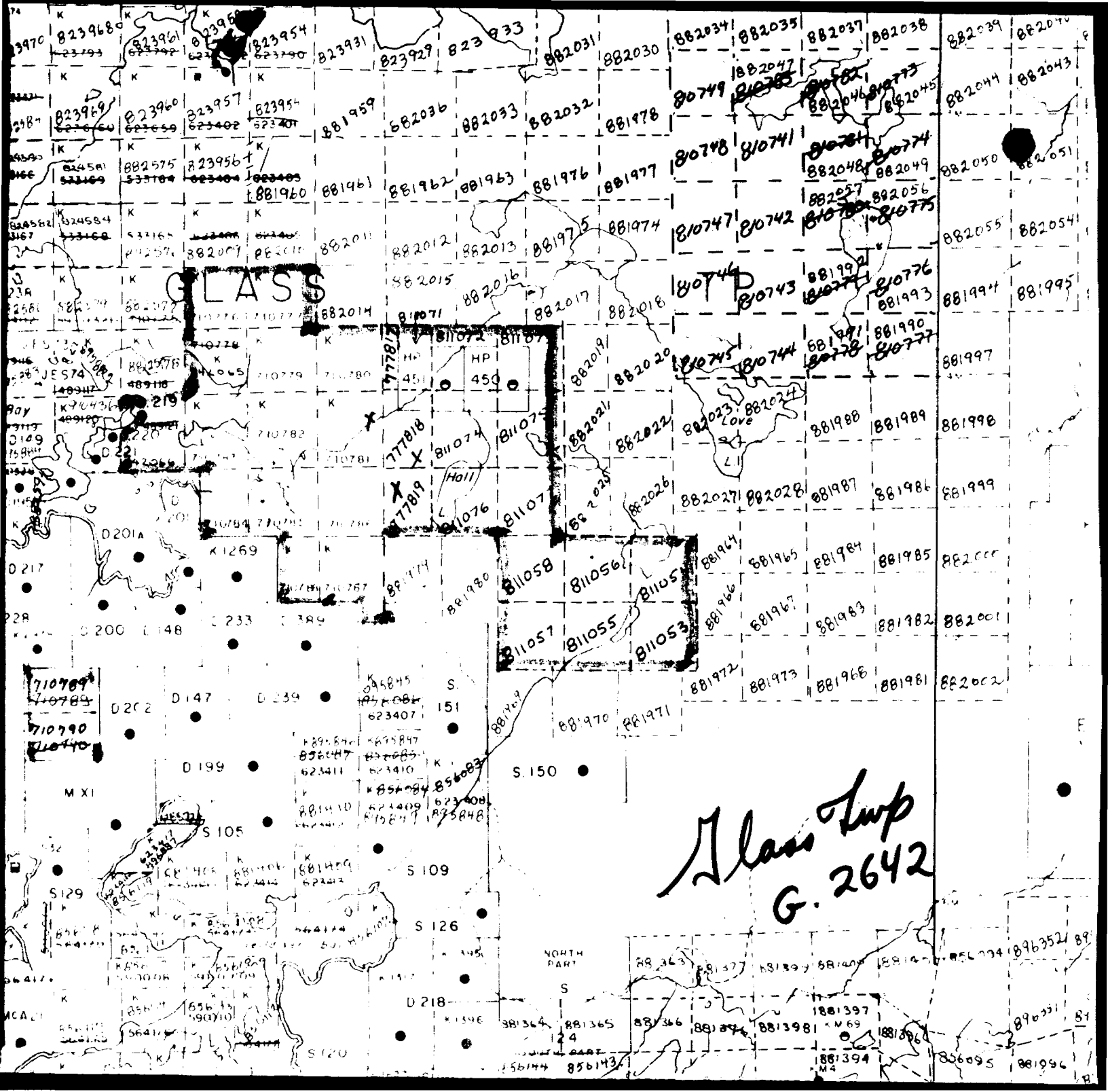
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying	Date Certified	Certified by (Signature)
JACQUELINE M. SÉGUIN 504-815 4 AVE SW CALGARY, AB T2P 3G8	FEB 20/87	

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work Shaft Sinking, Drifting or other Lateral Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. 710775	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done. JAN 23 - FEB 20/87	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	*Name and address of Ontario land surveyor.*	Nil	Nil


SHAFT "A"
A-1 Dppb Au SL-87-05
A-2 86 ppb
20m
c(1984)
B+50
1983
(A-1984)
(B-1984)
SHAFT "C"
C-1 132 ppb Au
C-2 318
C-3 5144 ppb
PIT "B"
B-1 N
-2 472 ppb Au
-3 18
-4 248
-5 24
777818
A
siliceous
C-85-13
TRENCH "G"
780 ppb Au
SL-87-01
20m
SHAFT "E"
E-1 6000 ppb Au
E-2 22 " "
C-85-12
SL-87-02
0m
40m SL-87-04
C-85-14
A 14ppb Au
B 298ppb Au
SHAFT "H"
7100 ppb Au
SHAFT "D"
D-1 278 ppb Au
-2 144 "
-3 470 "
TRENCH "F"
F-1 488ppb Au
-2 176 "
-3 94 "
28m SL-87-06
C-85-11
777819


GLASS
Hall
Love
Glass Twp
G. 2642

NOTES

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

Reserve flooding rights to 1064' above mean sea level on all lands bordering on Lake of the Woods

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

	Description	Order No.	Date	Disposition	File
(1)	Sec. 43/70	W.45/76	13/11/76	S.R.	180521
(2)	Sec 36/80	W.20/85	9/9/85	S.R.&M.R.	180521
(3)	Sec 36/80	W.05/85	01/28/85	S.R.+M.R.	
(4)	SECT. 36	W.43/86	13/08/86	S+M.R.	18855

SAND and GRAVEL

	TYPE	PIT	FILE
(5)	M.T.C.	33	165459
(6)	Gravel		165496
(7)	M.T.C.	992	165685
(8)	M.T.C.	1012	163693
(9)	M.T.C.	437	165496
(10)	Gravel		163496
(11)	M.T.C.	459	165685
(12)	M.T.C.	440	165685
(13)	M.T.C.	441	165685
(14)	M.T.C.	588	
(15)	M.N.R.	38	122650
(16)	M.T.C.	442	165685
(17)	Gravel		120803
(18)	M.T.C.	424	99852
(19)	Gravel		99852
(20)	M.T.C.	1158	
(21)	M.T.C.	429	99852
(22)	M.T.C.	1397	
(23)	M.T.C.	1368	
(24)	M.T.C.	432	
(25)	M.T.C.	431	99852
(26)	M.T.C.	430	99852
(27)	M.T.C.		99852
(28)	Gravel		165191
(29)	M.N.R.	86	99852
(30)	Gravel		165181
(31)	Gravel		180795
(32)	Gravel		180740
(33)	Gravel		122650
(34)	Gravel		99852
(35)	M.T.C.	ID-17	
(36)	Quarry Permit		
(37)	M.T.C.	ID-43	

RESERVES

(R)	M.N.R.	77094 Vol.5
(R)	Crown Reserve (S.R.O.)	165473
(R)	M.T.C.	83811
(R)	Crown Reserve	165473
(R)	Public Reserve	122192
(R)	Crown Reserve	77094 Vol.6
(R)	Crown Reserve	165473 Vol.1
(R)	Crown Reserve	
(R)	Public Use Reserve	165473 Vol.2
(R)	Tower Reserve	99852
400' shown thus	S.R.O. Reserve to M.N.R.	File 165473
(S)	Crown Reserve S.R.O.	File 178645

BRODERICK TP. M-1953

GIDLEY TP. M-1980

INDIAN BAY (SHOAL LAKE) M-1975

CLEARWATER BAY M.2062

FORGIE TP.

BOYS TP.

GLASS TP.

SHOAL LAKE M-2339

95°00'

94°45'

49°45'

49°37'30"

496 944

Effective as of Sept 4, 1985

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIP, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS, ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES

DISPOSITION OF CROWN LANDS

MINING RIGHTS ONLY
LEASE, SURFACE & MINING RIGHTS
SURFACE RIGHTS ONLY
MINING RIGHTS ONLY
LICENCE OF OCCUPATION
CROWN LAND SALE
ORDER IN COUNCIL
RESERVATION
CANCELLED
SAND & GRAVEL

SCALE: 1 INCH = 40 CHAINS

ACRES	HECTARES
40	16

AREA
ECHO BAY & BOYS TP.
DISTRICT
KENORA
MINING DIVISION
KENORA
D.D. #35
ONTARIO Shoal Lake
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

DATE 6th SEPTEMBER 1973 | PLAN No. M.1949
NATIONAL TOPOGRAPHIC SERIES 52E10

0486-3-C-272

ONR6-3-C-272

D.D #35 Shoal L.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. MINING RIGHTS ONLY
S.R.O. SURFACE RIGHTS ONLY
M + S MINING AND SURFACE RIGHTS

Description	Order No	Date	Disposition	File

Flooding Rights reserved to 1064' mean sea level.

Islands in Shoal Lake and inlets thereto do not form part of Glass Township.

ECHO BAY and BOYS TP. G-2616

GLASS

SNOWSHOE BAY SHOAL LAKE G-2645

WILEY BAY (Lake of the Woods) G-2657

MONUMENT BAY (Lake of the Woods) G-2632

95°00' 94°45' 49°37'30" 49°30'00"

Shoal Lake
Lake of the Woods
Portridge Lake
Pine Id.
Martineau Id.
Drum Id.
Spike Pt.
Curl Bay
Labyrinth Bay
Western Peninsula
Question Bay
Lost L.
Ferris Id.
Indian Reserve 31B
Outer Bay
Portage Bay
Ogema Bay
Ash Bay
Lock L.
Ash River
Squaw L.
James L.
McLauchlin Lake
Zinc L.
Line L.
Seaton L.
Monument Bay
Portridge Lake

495 944

LEGEND

DISPOSITION OF CROWN LANDS

TYPE OF DISPOSITION — SYMBOL

NOTE: MINING RIGHTS ONLY IN LAND PATENTED PRIOR TO MAY 3, 1913 — MINING RIGHTS ONLY IN LAND PATENTED BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAPTER 380, SECTION 62 (5) ASSETT

KENORA MINING DIV. RECEIVED JAN 23 1987

Effective as shown

SCALE 1 INCH 40 CHAINS

1 INCH 1000 2000 3000 4000 6000 FEET
0 200 1000 2000 3000 METRES

SHOAL LAKE

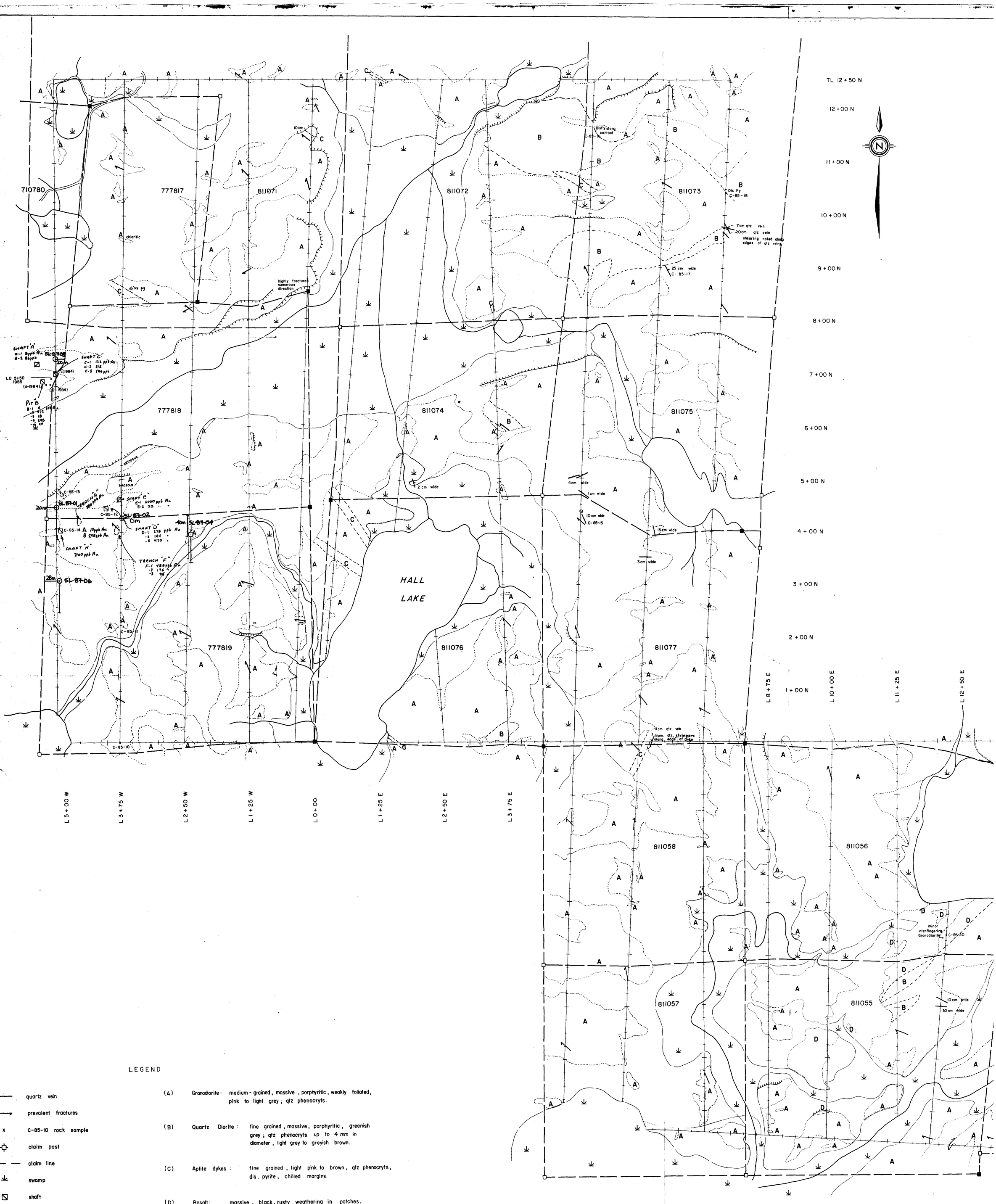
KENORA
MINING DIVISION
KENORA
LAND TITLES DIVISION
KENORA

Ministry of Natural Resources
Mines Branch

FEBRUARY, 1984

Number G-2642

M-2339



LEGEND

- quartz vein
- prevalent fractures
- x C-85-10 rock sample
- claim post
- claim line
- swamp
- shaft
- outcrop area
- contact
- ridge
- SL-87-# Diamond Drillhole Location

(A) Granodiorite: medium-grained, massive, porphyritic, weakly foliated, pink to light grey; qtz phenocryts.

(B) Quartz Diorite: fine grained, massive, porphyritic, greenish grey; qtz phenocryts up to 4 mm in diameter, light grey to greyish brown.

(C) Aplite dykes: fine grained, light pink to brown, qtz phenocryts, dis. pyrite, chilled margins.

(D) Basalt: massive, black, rusty weathering in patches, dis. pyrite; contacts very sharp with the granodiorite and irregular, minor interfingering granodiorite within the Basalt.

NOTE: Compiled and interpreted by Geotest Corp.

) **Granodiorite:** medium-grained, massive, porphyritic, weakly foliated, pink to light grey; qtz phenocryts.

) **Quartz Diorite:** fine grained, massive, porphyritic, greenish grey; qtz phenocryts up to 4 mm in diameter, light grey to greyish brown.

) **Aplite dykes:** fine grained, light pink to brown, qtz phenocryts, dis. pyrite, chilled margins.

) **Basalt:** massive, black, rusty weathering in patches, dis. pyrite; contacts very sharp with the granodiorite and irregular, minor interfingering granodiorite within the Basalt.

NOTE: Compiled and interpreted by Geotest Corp.

D.D. #35 Shoal Lake

GOLDEN RULE RESOURCES LTD.	
MINING CLAIMS 777817-777819, 811071-811077, 811053-811058 SHOAL LAKE PROPERTY GLASS TWP. SHOAL LAKE, ONTARIO GEOLOGY/DDH Locations	
DATE JULY 1985/JAN 87	NTS 52 E/10
PROJECT GR-ONT-5	MAPPED/DRAWN BY C. AUSSANT
SCALE 1:2500	0 50 100 METRES
TAIGA CONSULTANTS LTD	MAP 85-1A

01986-3-C-272

MAP 1