



52N07SE0065 10 SHABUMENI LAKE

010

Diamond Drilling

Area of SHABUMENI LAKE

Report No 10

Work performed by: Persons Unknown

Claim No	Hole No	Footage	Date	Note
KRL 54371	P.S. 1	55.5'		
	P.S. 2	10'		
	P.S. 3	56'		
	P.S. 4	50'		
	P.S. 5	58'		
	P.S. 6	55.8'	dates	
	P.S. 7	33.2'		
	P.S. 8	14'	unknown	
	P.S. 8A	12'		
KRL 54361	X-3	43'		
	X-1	47'		
	X-2	96'		

2305.5'

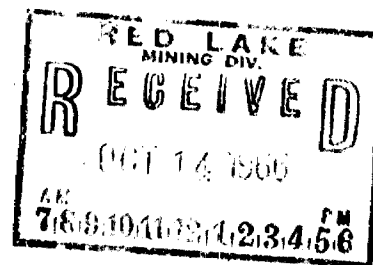
Notes:

REPORT 10

ASSAY RESULTS

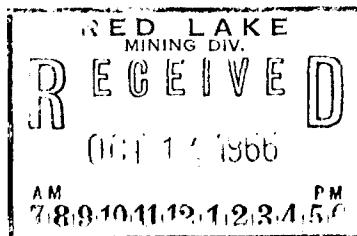
SWAIN LAKE PROSPECT

<u>Hole</u>	<u>From</u>	<u>To</u>	<u>Core Length</u>	<u>% Cu.</u>
P.S.# 1	13.1	14.6	1.5'	0.39
	19.7	26.0	6.3'	2.15
P.S.# 2	0.0	10.0	10.0'	0.38
P.S.# 6	4.4	5.9	1.5'	0.25
	5.9	7.3	1.4'	4.14
	7.3	8.6	1.3'	0.15
	25.3	28.6	3.3'	0.54
X-3	2.8	7.8	5.0'	0.37



<u>Hole No.</u>	<u>Length</u>	<u>Direction</u>	<u>Angle</u>	<u>Assessment Credit</u>
PS 1 ✓	55.5	S 27° E	- 64°	13.88
PS 2 ✓	10.0	N 2° W	- 57°	0
PS 3 ✓	56.0	S 11° W	- 46°	14.00
PS 4 ✓	50.0	S 10° W	- 51°	12.50
PS 5 ✓	58.0	N 30° E	- 45°	14.50
PS 6 ✓	55.8	S 11° W	- 38°	13.95
PS 7 ✓	33.2	N 35° E	- 60°	8.30
PS 8 ✓	14.0	N 22° E	- 57°	0
PS 8A ✓	12.0	N 33° E	- 60°	0
X 1 ✓	47.0	N 10° E	- 45°	11.75
X 2 ✓	96.4	N 16° E	- 55°	24.10
X 3 ✓	43.0	N 16° E	- 50°	10.75
				<u>123.73</u>

ASSESSMENT CREDIT PER CLAIM $123.73 \div 8 = 15.47$ days/cl.



P.S. # 1 S 27° E., - 64°

0 - 9.4. Pale yellow green rhyolite invaded and replaced by chlorite to form "breccia" (Unreplaced rhyolite fragments in siliceous chloritic ground mass. Contains 1-2% dissem. pyrr. and cpy. (less than 0.2% Cu.)

7.3 - 7.7) Zones of disseminated coarse grained
8.1 - 8.7) magnetite and pink calcite. Up
8.9 - 9.4) to 15% magnetite.

9.4 - 14.5. Siliceous chloritic volcanics, similar to above, but with fewer rhyolite fragments. Some finely disseminated magnetite, particularly in chlorite-rich bands.

10.4 - 10.6 - cg. magnetite and pink calcite.
13.1 - 14.5 20% magnetite, some pink calcite.
3 - 4% pyrr. cpy. (Under 1% Cu.)

14.5 - 15.7. Black chert interbanded with pale green siliceous sediments. Mostly poorly banded (brecciated?), but some banding at 60° to core.

15.7 - 18.8. Coarse grained disseminated magnetite and pink calcite replacing siliceous chloritic volcanics. Some large blebs of sulphide (cpy. predominating) but average under 1% Cu.

18.8 - 26.5. Siliceous green rock with bands and fragments of black chert. Abundant sulphides in places. (About 5% sulphide, except as noted).

19.7 - 20.6 30 - 40% cpy. 5 - 10% pyrr., 5% mag.
24.1 - 24.9 10% cpy. 5 - 7% pyrr., minor mag.
26.2 - 26.5 5 - 6% cpy. 5 - 6% pyrr.

26.5 - 36.5. Siliceous green rock, with abundant chert bands and fragments, but only minor sulphides.

34.6 - 37.3 cg. dissem. magnetite and pink calcite.
Patches of sulphide. Averages about
1% Cu.

- continued -

36.5 - 41.1. Pale yellow green rhyolite invaded by chlorite. Contains abundant 1/8" spots of chlorite.

41.1 - 55.5. Siliceous chloritic volcanics with occasional rhyolitic fragment Sulphides only in narrow qtz. calcite stringers.

P. S. # 2 N. 20° W., - 57°

0 - 10. Pale yellow-green rhyolitic volcanics invaded and replaced by chlorite, giving brecciated appearance. Unreplaced rhyolite fragments remaining in a chloritic siliceous ground mass. Contains 2 - 3% disseminated cpy. - pyrr. (about 0.3% Cu.)

6.9 - 7.2 Qtz. - epidote veinlet.

P. S. # 3 S. 11° W., - 46°

0 - 11.2. Pale yellow green rhyolitic volcanics invaded and replaced by chlorite, giving brecciated appearance. Occasional disseminated cpy. - pyrr. averaging about 1% sulphide. Many epidote - calcite - quartz stringers.

8.0 - 8.4 Chlorite spots, 1/8" in dia.

11.2 - 15.5. Siliceous chloritic volcanics, same as about but with very few rhyolite fragments. 2% disseminated sulphides.

0.4 - 0.7% Cu.

15.5 - 18.2. As above, but with more rhyolitic fragments and much epidote - calcite in stringers 45° to core. 2% disseminated sulphides.

(Under 0.4% Cu.)

16.4 - 17.5. 5% magnetite, 3% pyrr.-py.-cpy.

18.2 - 24.9. Thin banded chert interbanded with siliceous and chloritic sediments. Chert bands contain up to 5% fg. disseminated magnetite. Banding 65% to core.

18.2 - 19.2 Many epidote - calcite veins invading cherty sediments. About 1% disseminated py.

24.9 - 32.8. Light coloured siliceous volcanics with brecciated appearance. Gradually increasing chlorite content toward 32.8.

27.1 Qtz. veinlet 50° to core.
 27.5 Minor py. cpy. rimming QV.
 27.5 - 28.0 1% sulphide (py. - minor cpy.)
 28.0 - 29.0 Minor py.
 29.2 - 29.7 4 - 5% sulphide, mainly py. (0.2% Cu.)
 29.7 - 30.0 QV 50° to core.
 30.0 - 30.4 Minor sulphides, some cpy. (-0.1% Cu.)
 31.4 - 32.8 Higher chlorite content. 1% py. minor cpy. and epidote @ 40° to core.

32.8 - 56.0. Pale green siliceous chloritic volcanics with occasional "fragments" of yellow green rhyotite (?)

32.8 - 33.8 Chlorite spots.
 33.8 - 36.5 Local patches of chlorite spots, often with pyrr. - cpy. in center of spots.
 36.5 - 37.5 Qtz. - calcite - epidote vein @ 20° to core. 1% cpy.
 39.6 - Minor blob of cpy.
 40.7 - Qtz. - epidote veinlet @ 40° to core.
 41.5 - 41.7 1% pyr.
 42.0 - minor pyrr.
 43.8 - 48.0 Feldspar phenocrysts up to 1/8"
 44.5 - 44.6 Qtz. - epidote vein @ 50° to core.
 45.4) traces of cpy. - pyr.
 45.7)
 46.8 - QV. with minor cpy.
 47.4 - 47.6 1/2" pink calcite - Qtz. veinlet 1% cpy. 30% to core.
 50.3 - 50.4 Chlorite band @ 60° to core.
 50.5 - 50.6 QV. with disseminated py.
 51.3 - Qtz. - epidote - calcite veinlet @ 50° to core.
 51.3 - 51.6 Qtz. - chlorite, 1/2% cpy.
 51.7 - 53.9 Epidote and rhyolite fragments. Minor sulphides.
 54.5 - 56.0 Rhyolitic zone with much epidote, chlorite spots.

P. S. # 4 S. 10° W., - 51°

0 - 50.0. Siliceous green volcanics with patches of yellow-green rhyolite partly replaced by chlorite. Contains about ½% sulphides except as noted.

- 0.7 - 1.8 Rhyolite, partly replaced to form "breccia"
Contains ½% cpy. associated with minor quartz veinlets.
- 10.3 - 13.4 Rhyolite, partly replaced to form "breccia".
Contains less than 1% sulphides, mainly pyrite.
- 14.8 ¼" quartz-epidote vein 30° to core.
- 15.0 - 17.0 Rhyolite fragments comprise 40% of core.
- 17.0 - 24.6 Rhyolite fragments comprise more than 50% of core.
Contains 1% sulphides, mainly pyrite, some cpy.
- 30.3 Minor cpy. in local patch.
- 24.5 - 38.9 Sulphides very sparse.
- 38.9 - 43.8 Chloritic zone with minor disseminated pyrite,
some cpy.
- 43.8 - 50.0 No sulphides.

P. S. # 5 N. 30° E., - 45°

0 - 28.4. Siliceous green volcanics with patches of yellow-green rhyolite partly replaced by chlorite. Contains very minor sulphides except as noted.

- 3.7 - 4.2 Contains chert fragments.
- 4.9 - 5.1 Barren quartz - carbonate vein at 50° to core.
- 5.8 - 14.5 Rhyolite fragments comprise 50% of core.
- 14.1 - 14.2 Thin films of native copper along fractures.
- 14.5 - 15.4 2% disseminated pyrite, minor chalcoppyrite.
- 15.6 - 26.9 "Rhyolite breccia" in ground mass of siliceous green volcanics. Contains 1% pyrite-cpy. in local patches.
- 26.9 Quartz vein 60° to core.
- 27.8 - 28.2 1% disseminated pyrite, minor chalcoppyrite.

28.4 - 50.4. Pale yellow-green rhyolite with dark chloritic patches and replacements. Local zones rich in epidote. Contains no sulphides except as noted.

31.8 - 32.3 Gouge zone - brown mud.
38.8 Narrow quartz vein with pyrite and cpy.
39.5 - 39.6 3% disseminated pyrite.
40.5)
41.4) minor patches of disseminated cpy.
46.6)
48.0 Minor patch of cpy. - pyrrhotite - pyrite.
48.9 - 49.0 4% pyrrhotite 1% cpy.
50.2 - 50.4 1% pyrrhotite, minor cpy.

50.4 - 58.0. Green siliceous volcanics, locally veined with quartz. Contains minor pyrrhotite and pyrite.

50.9 - 51.3 2% disseminated pyrrhotite, minor cpy.
52.8 - 53.0 1% pyrrhotite 0.3% cpy.
53.3 - 53.6 1% pyrrhotite 0.3% cpy.

P.S. # 6 § 11° W; - 38°

- 0 - 3.2 - Dark green siliceous to intermediate volcanics.
- 0.6 - minor pyrite and chalcopyrite.
- 1.3 - minor chalcopyrite
- 1.3 - 3.0 1-2% disseminated pyrite with some chalcopyrite.

- 3.2 - 4.6 - Light yellow siliceous volcanics, with stringers of epidote.
- 3.8 - 4.2 pink calcite
- 4.5 minor chalcopyrite

- 4.6 - 5.3 - siliceous green volcanics

- 5.3 - 5.9 - dark green volcanic, chloritic containing 50% magnetite

- 5.9 - 7.3 - Siliceous green volcanics - 15-20% chalcopyrite over interval (5-6% Cu.) with some pyrite, pyrrhotite.

- 7.3 - 55.8 - Siliceous green volcanics
- 13.3 - minor concentration pyrrhotite
- 17.8 - minor chalcopyrite with pink calcite
- 18.1 - minor pyrrhotite
- 18.4 - 19.6 0.5% pyrrhotite with minor chalcopyrite
- 25.3 - 28.8 1-2% pyrrhotite and chalcopyrite across interval - locally up to 5% - interval of mineralization contains much epidote.
- 32.0 - 32.2 3-5% Cu., with carbonate
- 40.7 - minor chalcopyrite
- 51.0 - Black chloritic band with minor chalcopyrite.

P.S. # 7, N 35° E - 60° 33.2 ft.

- 0 - 14.3 Dark green intermediate to siliceous volcanics.
 - 2.1 A few grains of chalcoppyrite
 - 3.1 Quartz veinlet with chalcoppyrite
 - 3.4 Quartz veinlet with chalcoppyrite
 - 3.7 Epidote veinlet with minor chalcoppyrite
 - 5.7 3/8" quartz veinlet 90° to core, minor chalcoppyrite
 - 9.3 A few grains of chalcoppyrite
 - 9.4 - 11.8 ½% disseminated pyrite
 - 10.6 Minor disseminated chalcoppyrite
 - 10.8 Minor disseminated chalcoppyrite
 - 12.8 - 12.9 ½% disseminated pyrite, chalcoppyrite noted.
 - 14.1 - 14.2 Minor disseminated chalcoppyrite

- 14.3 - 16.2 Light green siliceous volcanics
 - 14.4 ½% disseminated pyrite, minor chalcoppyrite
 - 15.2 3/8" quartz - epidote veinlet 85° to core.
 - 15.9 ½% disseminated pyrite, minor chalcoppyrite

- 16.2 - 21.6 Dark green siliceous volcanics
 - 16.2 - 18.3 2% disseminated pyrite, minor chalcoppyrite
 - 18.3 - 19.1 Shattered zone - poor core recovery
Minor chalcoppyrite present.
 - 19.8 Minor disseminated chalcoppyrite and pyrite

- 21.6 - 23.5 Light green siliceous volcanics, locally brecciated with chloritic matrix
 - 21.8 - 21.9 1% Pyrite
 - 22.5 ½" barren quartz veinlet 90° to core.
 - 22.8 5/8" barren quartz veinlet 90° to core.

- 23.5 - 33.2 Coarser grained green siliceous volcanics
 - 25.8 Disseminated pyrite cubes.
 - 26.0 Several small stringers of chalcoppyrite
 - 26.8 - 26.9 ½% pyrite, ½% chalcoppyrite.
 - 27.2 - 27.3 1% chalcoppyrite, some pyrite.
 - 27.8 - 28.2 Rock speckled with 1/8" chlorite spots.
 - 28.3 - 28.7 Veinlet 5° to core, 1% chalcoppyrite.
 - 29.4 Hairline veinlet 90° to core.
 - 29.6 - 29.7 ½% disseminated chalcoppyrite.
 - 30.3 - 30.4 Clay-filled fractures.
 - 30.7 - 33.2 Weathered fragments of volcanics mixed with clay (overburden?)

END OF HOLE 33.2 ft.

P.S. # 8 - N 22° E; - 57°

- 0 - 7.2 - Green siliceous volcanics.
- 2.0 - 4.0 minor (0.5%) disseminated sulphides;-
pyrite and chalcopyrite
- 4.5 minor chalcopyrite
- 5.0 - 7.2 broken, rounded fragments
- 7.2 - 14 - No core. Hole broke through into overburden.

P.S. # 8a N 33° E; - 60°

- 0 - 11.5 - Green siliceous volcanics
- 5.5 minor disseminated chalcopyrite
- 11.5 - 12.0 - rock fragments and mud.
- (Collared at easternmost trench. Hole
broke through into overburden).

DRILL HOLE X-3 4776E, 090N - 50° N16°W 43 ft.

- 0 - 13.1 Dark green siliceous volcanics.
 - 0.3 Minor disseminated chalcopyrite.
 - 2.4 Minor disseminated chalcopyrite.
 - 2.9 Small veinlets of chalcopyrite.
 - 4.3 Minor chalcopyrite.
 - 4.6 - 5.2 10% chalcopyrite
 - 6.3 - 6.4 Sulphide veinlet 15° to core 5% chalcopyrite.
 - 6.7 - 6.8 1% disseminated chalcopyrite with quartz veinlet.
 - 7.0 Hairline chalcopyrite veinlet 70° to core.
 - 7.7 - 7.8 1% disseminated pyrite.
 - 10.6 Rock speckled with 1/8" chlorite spots.
 - 12.1 Quartz veinlet 90° to core, minor chalcopyrite.
- 13.1 - 19.0 Light green siliceous volcanics, locally brecciated.
- 19.0 - 25.0 Dark green siliceous volcanics.
 - 21.4 - 21.6 ½% chalcopyrite in quartz stringer
 - 22.3 Minor chalcopyrite veinlet 70° to core.
 - 22.6 - 22.7 Disseminated pyrite, 1% chalcopyrite.
 - 23.2 Minor disseminated chalcopyrite.
- 25.0 - 43.0 Light green siliceous volcanics.
 - 25.6 - 25.9 ½% disseminated chalcopyrite.
 - 26.1 1/8" calcite veinlet 40° to core; hematite stain.
 - 27.2 1% disseminated pyrite; chalcopyrite noted.
 - 27.9 A few grains of chalcopyrite.
 - 30.5 - 30.6 1% disseminated pyrite and chalcopyrite in epidotized zone.
 - 37.9 1% disseminated pyrite.
 - 39.7 Minor disseminated pyrite.
 - 41.5 - 43.0 Grey mud in core barrel. No solid core.

END OF HOLE 43.0 ft.

DRILL HOLE X-1 5606E, 477N - 45° N10°E 47 ft.

0 - 47.0' Light green to yellow siliceous volcanics, brecciated throughout. Breccia filling is carbonate and quartz. Some calcite veins at 20° to core. Minor chloritic patches.

0.8' - Cubes of disseminated pyrite

7.5' - 7.7' Spotted with chlorite; 3% disseminated pyrite.

7.8' - Rusty calcite veinlet.

8.5' - A few grains of disseminated chalcopryrite.

9.0' - Bleb of pyrite.

9.0' - 9.5' Rusty shear with calcite veinlets

10.3' - 10.5' Pink calcite veinlet with 3% disseminated sulphides.

11.0' ¼" calcite veinlet 40° to core - dissem. pyrite.

11.3' - 11.6' 1% disseminated pyrite cubes

13.6' Minor disseminated chalcopryrite.

14.1' 1/8" pink calcite veinlet parallel to core.

16.4' - 16.8' Two calcite veinlets 35° and 60° to core

18.5' - 18.7' Calcite veinlet with pyrite, 40° to core.

18.8' Thin film of chalcopryrite in calcite 30° to core.

19.0 Spec. hematite in calcite, 30° to core.

19.5 Pyrite in calcite veinlet, 30° to core.

21.3' - 21.4' 5% pyrite cubes.

21.6 Pyrite and chalcopryrite in calcite veinlet 25° to core.

25.4' - 25.6' 2% disseminated pyrite.

26.3' - 27.8' 1/8" calcite veinlet parallel to core.

27.9' - 28.1' Calcite vein with pyrite, 15° to core.

32.4' - 32.8' Series of quartz calcite veinlets 10° to core.

33.6' - 33.8' Sheared and spotted with chlorite.

38.1' - 38.2' 2% Pyrite, minor chalcopryrite

40.1' - 40.2' 2% Pyrite

41.7' - 41.9' Quartz-carbonate veinlet with dissem. pyrite.

42.0' - 43.0' Gouge zone.

43.7' - 44.0' 1% Spec. hematite.

44.0' - 45.0' 1% Disseminated pyrite.

45.0' - 47.0' Gouge zone.

END OF HOLE 47.0'

DRILL HOLE X-2 5644E, 500N - 55° N16°E 96 ft.

- 0 - 6.2 Intermediate volcanic rock with local fragments of rhyolite.
3.6 Quartz veinlet with specular hematite
5.7 Fracture coated with limonite
6.0 Fracture coated with limonite
6.3 - 6.4 Pod rich in spec. hematite.
- 6.2 - 13.3 Light green brecciated rhyolite
8.9 Rusted vein - limonite
12.2 Rusted vein - limonite
12.5 - 13.0 Gouge zone.
13.1 - 13.2 Rusty quartz - carbonate veinlet.
- 13.3 - 17.1 Siliceous green volcanics with minor rhyolite fragments. Cut by numerous quartz veinlets.
15.3 - 15.6 Broken material coated with limonite
16.0 - 16.7 Gouge zone - lost core.
16.7 - 17.1 Broken material containing limonite in veins.
- 17.1 - 24.4 Pink to light green rhyolite breccia
17.5 Patch of specular hematite
17.8 - 19.1 2% spec. hematite
19.9 - 24.2 2-5% spec. hematite in veinlets and patches.
- 24.4 - 26.9 Siliceous green volcanics
25.4 - 26.9 2% spec. hematite
- 26.9 - 67.1 Pink to yellow rhyolite breccia with chloritic material in breccia matrix.
26.9 - 28.5 2% spec. hematite
28.2 - 28.5 Broken zone with some limonite
31.2 Rusty limonite zone on fracture.
32.3 ½ inch quartz vein at 30° to core.
34.4 Rusted vein-limonite
37.9 Quartz veinlets at 5° and 50° to core.
48.7 - 48.8 5% spec. hematite.
52.7 - 55.0 2% spec. hematite as veinlets in breccia matrix.
55.0 - 60.0 2 to 5% spec. hematite.
60.0 - 64.3 1 to 2% spec. hematite.
64.3 - 65.0 5 to 8% spec. hematite.
65.0 - 67.1 1 to 2% spec. hematite.
- 67.1 - 71.8 Dark green siliceous volcanics
69.2 - 69.4 5% spec. hematite
71.1 - 71.3 Spec. hematite veinlet with some chalcopryrite
71.4 - 71.7 Quartz veinlet 20° to core. Minor spec. hematite and chalcopryrite at margins of vein.

DRILL HOLE X-2 - continued

- 71.8 - 74.5 Green to Pink brecciated rhyolite with about 1% disseminated spec. hematite.
- 74.5 - 75.8 Dark green siliceous volcanics,
75.3 1/8" quartz vein 20° to core; 2% spec. hematite.
- 75.8 - 96.4 Pink to Yellow-green brecciated rhyolite with about 1% disseminated spec. hematite.
- 75.8 - 83.7 2 to 3% spec. hematite as breccia filling.
- 87.1 - 88.5 1% disseminated pyrite in cubes.

END OF HOLE 96.4 ft.

POND

1:20

- SILICIOUS SCHIST
- CALCIC SCHIST
- INTERMEDIATE VOLCANICS
- RHYOLITE
- BRECCIA
- CHERT
- MAGNETITE HEMATITE

KRL 54361

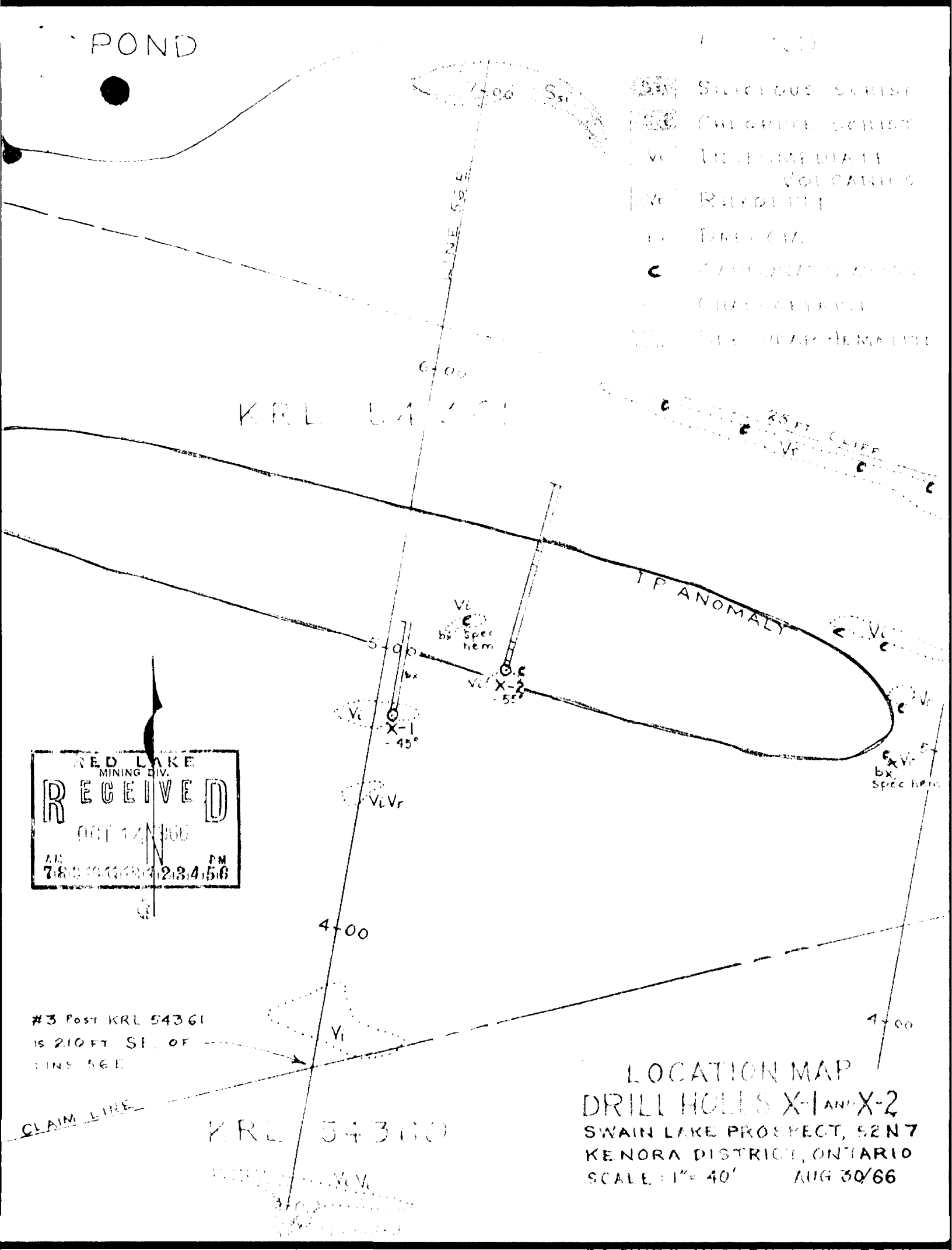
I.P. ANOMALY

RED LAKE
MINING DIV.
RECEIVED
OCT 14 1966
AM 7:58 PM
789 23456

#3 Post KRL 54361
IS 210 FT. SE. OF
LINE 56E

KRL 54360

LOCATION MAP
DRILL HOLE S X-1 AND X-2
SWAIN LAKE PROSPECT, 52 N 7
KENORA DISTRICT, ONTARIO
SCALE: 1" = 40' AUG 30/66

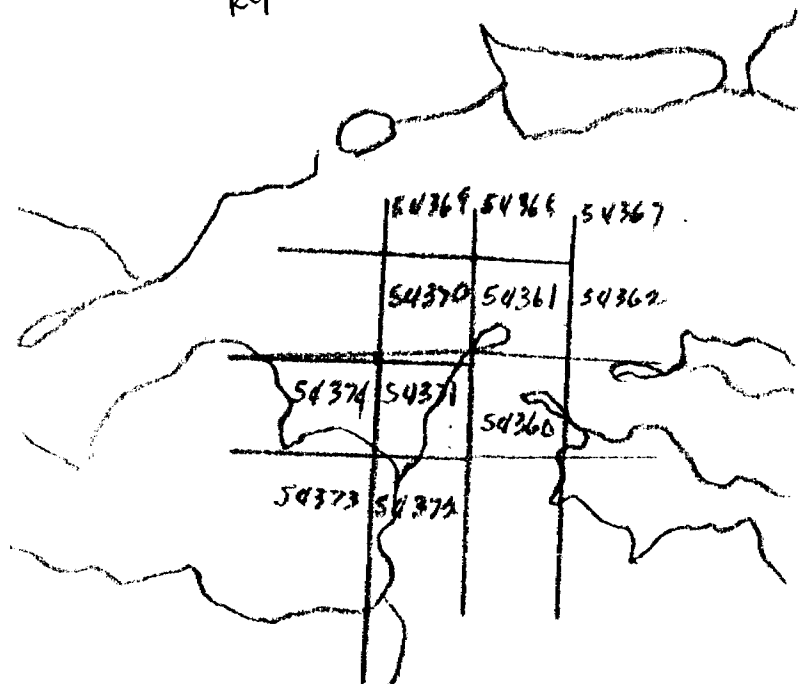




52N07SE0065 10 SHABUMEN1 LAKE

900

Rept 10



Shakament
Lake on 2665