



52N02SE0111 11 MITCHELL TWP

010

Diamond Drilling

Township of Mitchell

Report No: 11

Work performed by: South Bay Mines

Claim No	Hole No	Footage	Date	Note
KRI, 6148J	U-4	125'	July/68	(1)
KRI, 61479	U-5	123'	Aug/68	(2)
KRI, 61620	UD-4	476'	Feb/70	(3)

Notes:

- (1) #51/69
- (2) # 52/69
- (3) #341/70

DIAMOND DRILL RECORD

HOLE NO. U4

PROPERTY _____

ELEVATION _____

SHEET NO 2

BEARING _____

TOTAL DEPTH _____

LOCATION _____

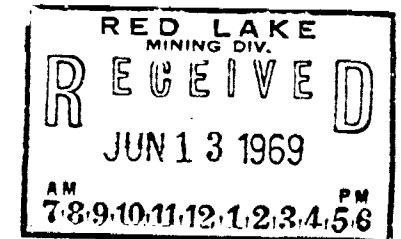
DIP COLLAR _____

CORE SIZE _____

STARTED _____

COMPLETED _____

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
36.5	36.8	quartz vein.										
38	39	a cherty, bleached band.										
40	41.3	small white phenocrysts and some criss-crossing quartz carbonate veinlets.										
42.5	44.4	small white phenocrysts.										
44.4	46.2	fine grained band, distinct contacts 50°.										
50	56.3	a quartz-feldspar veinlet along the core - numerous specks of pyrrhotite and pyrite; a few of chalcopyrite.										
57.9		coarser, paler rock										
62.5	63.3	a fracture with some silica impregnated walls.										
63.3	66	pale coarse rock with indistinct phenocrysts.										
66	67	greenish very fine grained, more basic band - some vesicles.										
67	70.9	coarser mottled white and green.										
70.9	72.1	pale green, very fine grained with chlorite filled vesicles - some spots of pyrite and pyrrhotite										
72.1		quartz veinlet across the core.										
72.1	80.4	coarser band - as before 70.9 but with green, chloritic spots; some with pyrite and pyrrhotite. A few veinlets of quartz and feldspars in different directions. Pyrite specks increasing.										
78.3		a 1" quartz vein 60° - 70°.										



DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

HOLE NO. U4
SHEET NO 3
LOCATION

PROPERTY _____

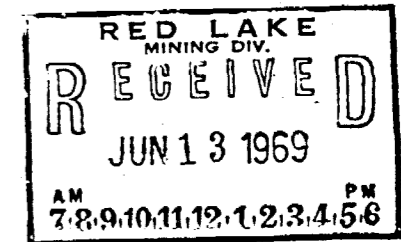
BEARING _____
DIP COLLAR _____

ELEVATION _____
TOTAL DEPTH _____
CORE SIZE _____

STARTED

COMPLETED

FM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
		Quartz-carbonate veinlets become more numerous towards bottom. 80.3 A 1/4" veinlet of chalcopyrite.										
0.3	82.3	SULPHIDES: mainly pyrite and pyrrhotite with occasional streak of chalcopyrite. Pyrite predominates at 81' then pyrrhotite much more abundant.										
2.3	120.3	ACID TUFF: Bands of grey, very fine grained, equigranular, well banded, hard siliceous rock with numerous pyrrhotite streaks forming some 10% of the rock and similar rock but with varying number of blue quartz and white feldspar phenocrysts and fragments. Some fragments or inclusions of white tuffaceous material. Pyrrhotite also includes chalcopyrite.	1228	80.3	82.3	2'	2'	0.15	0.12	0.02	Nil	
		84' a 1" quartz vein	1229	82.3	85.0	2.7	2.7	0.07	0.02	Nil	Nil	
		85' another quartz vein 1/4"	1230	85.0	87.0	2'	2'	0.05	0.04	Nil	Nil	
		85 - 89 band with blue quartz and white feldspars.	1231	87.0	89.0	2'	2'	0.05	0.12	Tr.	Nil	
		In veinlets pyrite predominates; rock somewhat coarser grained, pyrite medium to coarse grained; blue phenocrysts along banding 35 - 45°.	1232	89.0	91.0	2'	2'	0.01	Tr.	Tr.	Nil	
		89 - 91 sulphides much less abundant	1233	91.0	93.0	2'	2'	0.02	0.03	Tr.	Nil	
		91 - 93 well banded with partings of feldspars; specks of pyrite and pyrrhotite; some chalcopyrite and sphalerite.	1234	93.0	95.3	2.3'	2.3'	0.02	0.16	Tr.	Nil	
			1235	95.3	96.4	1.1'	1.1'	0.07	0.14	Tr.	Nil	



DIAMOND DRILL RECORD

HOLE NO. U4

PROPERTY _____

ELEVATION

SHEET NO 4

BEARING

TOTAL DEPTH

LOCATION

DIP COLLAR

CORE SIZE

STARTED

COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu %	Zn %	Ag	Au	
		95.3 - 96.5 sulphides 20%;										
		96.5 - 100.8 blue quartz and white tuff fragments;										
		100.8 - 106 coarser, mottled, feldspathic tuff occasional fragments of white tuff and mica flakes.										
		103 - 103.5 pyrite 10%.										
		103.5 - 104.5 broken core with chlorite on fractures;										
		104.5 - 105 core lost;										
		106 - 120.3 finer grained indistinctly banded tuff with flakes of biotite, pyrrhotite specks and streaks, occasional quartz lens. Fragments and phenocrysts abundant To 114.5 pyrite and pyrrhotite to 5% occasionally with chalcopryrite.										
		117.5 a 1" quartz vein	1236	113	114.5	1.5	1.5	.03	None	Nil	Nil	
		119.3 " " "										
		120.3 some pyrrhotite blebs with minute chalcopryrite specks, rock darker finer grained, still siliceous. a 1" quartz vein.										
120.3	125	ANDESITE TUFF: Green very fine grained equigranular banded rock with chlorite, feldspars, amphibole and mica, banding 50 - 60°. Numerous carbonate-quartz streaks along banding. Bands of green, chloritic and brownish micaceous material. 122.2 looks like graded bedding upside										



DRILLED BY

down.
END OF HOLE

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

M. MITCHELL Twp

HOLE NO. U5

PROPERTY UCHI RIVER - Dome Group - Intercepts 33C-34D

ELEVATION

SHEET NO 1

BEARING 100°

TOTAL DEPTH 123'

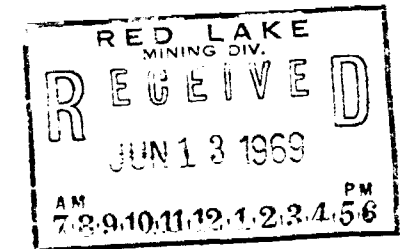
LOCATION $4 \pm 80N$
 $2 \pm 80N$

DIP COLLAR -45°

CORE SIZE EX

STARTED Aug. 22 - 1968 COMPLETED Aug. 25 - 1968

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	2	CASING										
2	7.7	RHYOLITE TUFF and FLOWS: Pale grey, fine to medium grained equigranular, hard siliceous rock with biotite flakes. Occasional indistinct feldspar phenocryst 3 - 5 mm. Some fractures in different direction from 25° to 80° to core.										
7.7	18.9	ANDESITE: Green, very fine grained, massive rock with feldspars and chlorite. Some irregular quartz-carbonate veinlets in several directions 20°- 45° to core 16 - 16.9 lenticular fragments enclosed by white carbonate streaks.										
9	28.6	RHYOLITE TUFF: Rock as before 7.7										
28.6	59.7	DACITE - ANDESITE: Green very fine grained rock. 28.7 - 32.3 fragmented rock with quartz-carbonate veins between fragments. 34' - some fractures 34.3 - 35.5 fragmented 39' - A few vesicles - possibly a pillow boundary 41 - A carbonate feldspar veinlet - 45° 1/2" mica veinlet - 60° 46.8 - 48.4 fragmented rock 48.9 - 49.4 fractures - possibly pillow boundary 50.8 - 52.3 fragmented rock										



DRILLED BY E.J. McCormick

SIGNED V. Wierzbicki

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE No. U5

PROPERTY _____

ELEVATION _____

SHEET NO 2

BEARING _____

TOTAL DEPTH _____

LOCATION _____

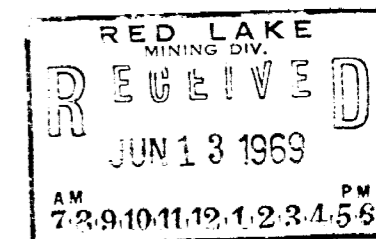
DIP COLLAR _____

CORE SIZE _____

STARTED _____

COMPLETED _____

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu%	Zn%	Ag.	Au	
		52.3 - A 1/2" quartz veinlet 53.7 - A 1" quartz veinlet followed by several irregular smaller veinlets to 55' and a few scattered to 59.7										
		CONTACT 45°										
59.7	64.5	RYHOLITE TUFF: Rock same as before 7.7'										
64.5	123	DACITE - ANDESITE: Green, fine grained rock as before 59.7 66 - 71 well streaked with carbonate and fragmented at bottom. Banding 40 - 45° 76.5 - 79 - Few irregular veinlets 80 - 82.3 - Well banded 45° 83.8 - 86 - Banded 35°. Somewhat fragmented. 86 - 87.3 - Same as above with streaks of pyrite along banding; thinner pyrrhotite streaks lower. 89 - sheared 35° - 45° pyrrhotite on shear planes From 89.5 vesicles - quartz filled 91 - irregular quartz-carbonate veinlets 35° - Rock in two parts - fine grained banded with flow structure and coarser massive Occasional speck of pyrrhotite with chalcopyrite From 100' - well banded 35° - 40° some mica bands and some lenses of foreign material From 111 - more massive 114' - 114.7 - Bleached pale green From 100' - bands of more basic flows	1237	86	87.3	1.3	1.3	0.02	0.06	Tr.	Nil	
			1238	87.3	89	1.7	1.7	0.02	0.08	Nil	Nil	



DRILLED BY _____

SIGNED _____

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE No. U5

PROPERTY _____

ELEVATION _____

SHEET NO 3

BEARING _____

TOTAL DEPTH _____

LOCATION _____

DIP COLLAR _____

CORE SIZE _____

STARTED _____

COMPLETED _____

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
	123	116 - 116.9 - Pale green dacite: specks of pyrrhotite with chalcopyrite END OF HOLE.										

RED LAKE
MINING DIV.

R E C E I V E D

JUN 13 1969

AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

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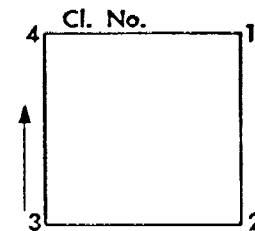
DRILLED BY _____

SIGNED _____

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. UD-4
SHEET NO 2
LOCATION

PROPERTY _____
BEARING _____
DIP COLLAR _____



ELEVATION _____
TOTAL DEPTH _____
CORE SIZE _____

STARTED

COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
302	352	ANDESITE: As above; many vesicular bands and frequent stringers pyrite and pyrrhotite parallel to banding. Banding at 20° to 20°.	2349 2347	303 312	305 315							
352	364	ANDESITE TUFF: Finely banded in shades of greenish grey, generally fine grained with some agglomerate zones. Banding at 25°.										
364	463	FELDSPAR PORPHYRY: Matrix very fine grained, dark grey, siliceous. Many pale grey sub-hedral feldspar phenocrysts up to 4 mm in length. Weakly foliated at about 30°. Some irregular pyrite stringers and bands in top 10'. Occasional quartz veinlets up to 1/2" wide. 6" band yellowish rhyolite with sharp contacts at 457'.	2348	367	369	2	2					
463	469	DACITE: Light grey, fine grained, partly slightly porphyritic, unbanded, contacts sharp and irregular with narrow chilled margins.										

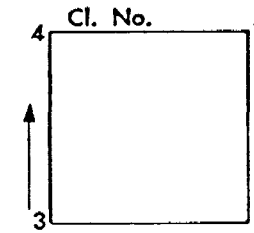
DRILLED BY _____

SIGNED _____

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. UD-4
SHEET NO 3
LOCATION

PROPERTY _____
BEARING _____
DIP COLLAR _____



ELEVATION _____
TOTAL DEPTH _____
CORE SIZE _____

STARTED

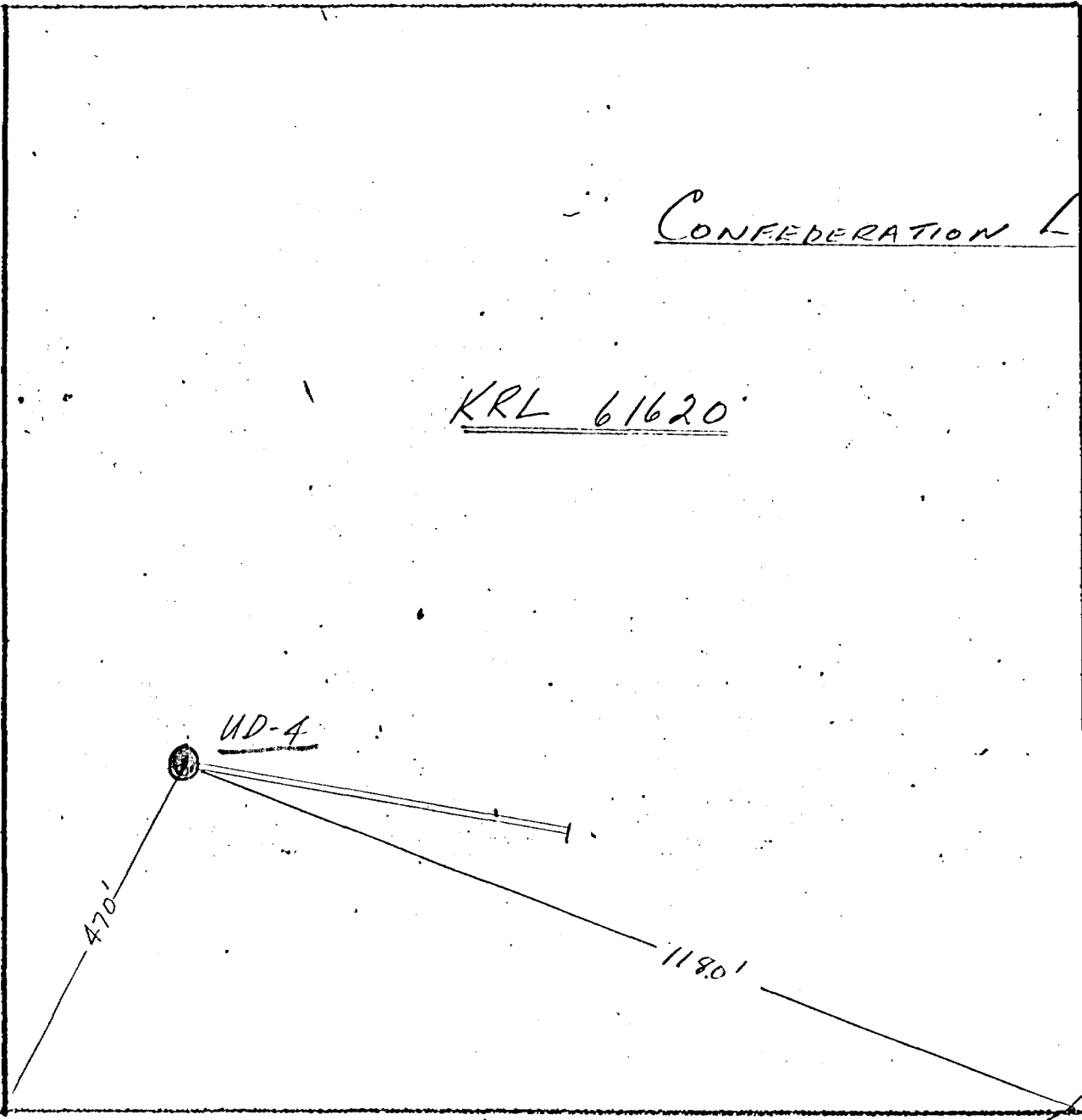
COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
469	470	As 364' - 463'.										
470	470.8	DACITE: As 463 - 469'. Sharp contacts with narrow chilled margins.										
470.8	471	As 364' - 463'.										
471	476	DACITE: Medium grey, matrix fine grained with many medium sized, indistinct, light grey feldspar phenocrysts. Scattered biotite flakes. Total Depth : 476'.										

DRILLED BY _____

SIGNED _____

4



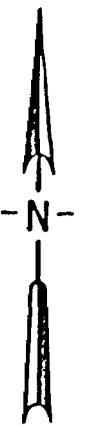
CONFEDERATION LAKE

KRL 61620

UD-4

470'

1081'



1" = 200 FEET

RED LAKE
MINING DIV.
RECEIVED
JUL 13 1970
AM 7:20 PM 4:45

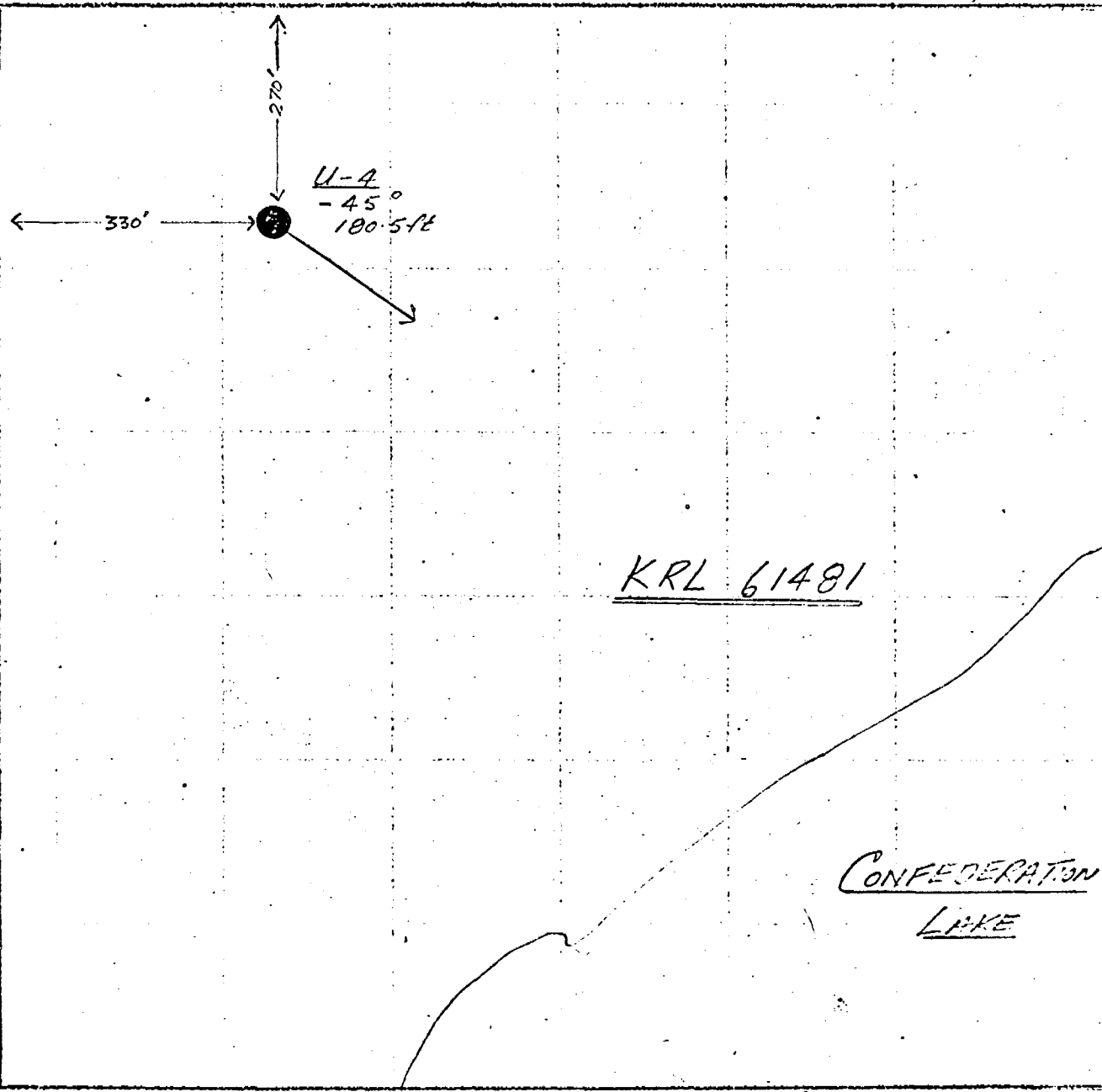
Mitchell Dye
Mount Bay Mine Ltd
#341/70

3

2

Post 1

Post 1



U-4
-45°
180.51E

330'

270'

KRL 61481

CONFEDERATION
LAKE



1 inch = 200 feet

RED LAKE
MINING DIV.
R E C E I V E D
JUN 13 1969
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

#51/69 - Mitchell Supp.
South Bay Mines

Post 3

Post 2

Post 4

Post 1

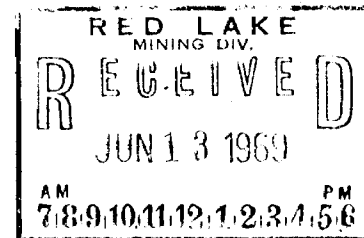
KRL 61179

CONFESSION

LAKE



1 inch = 200 feet



U.S.
75
123 ft



370'

690'

Post 3

Post 2

HNOTT

Transmission Line

MITCHELL TWP
M 2186

CONFEDERATION

Proposed H.E.P.C. Trans. Line
Roc. 10m Eo. Falls to Uchi

Uchi Gold Mines



900

