



52M01SE0151 46 BALL TWP

010

DIAMOND DRILLING

TOWNSHIP: BALL TWP.

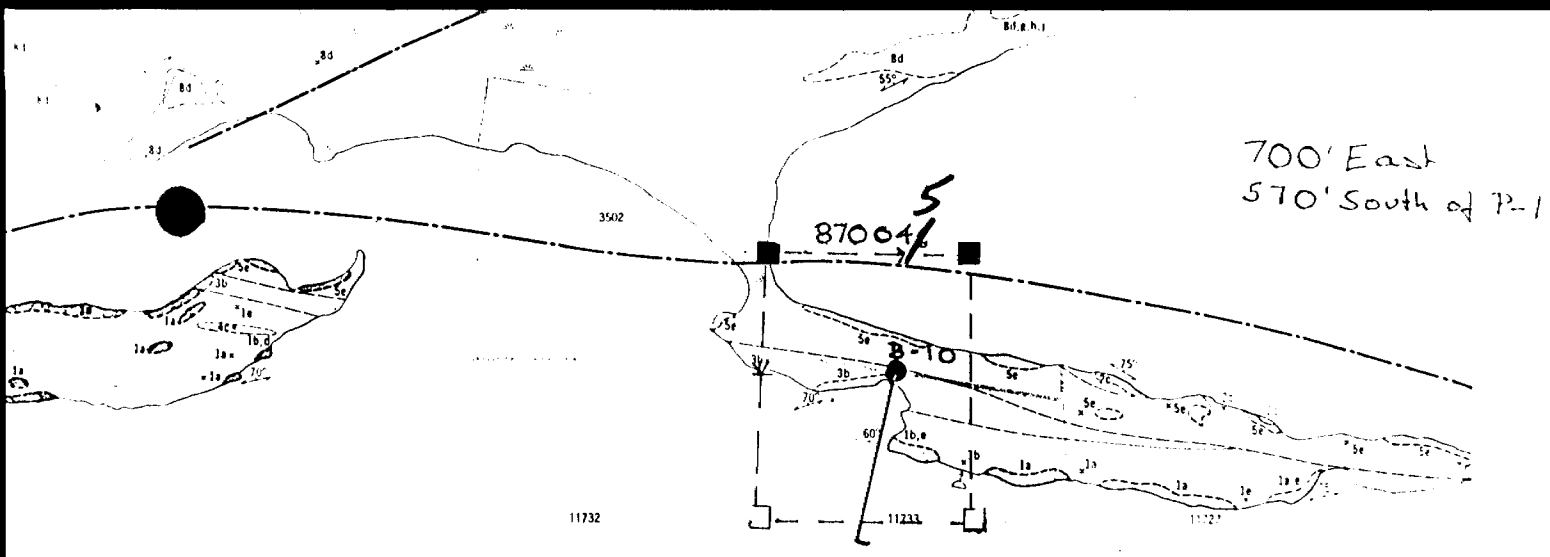
REPORT NO:46

WORK PERFORMED FOR: Biron Bay Resources Limited

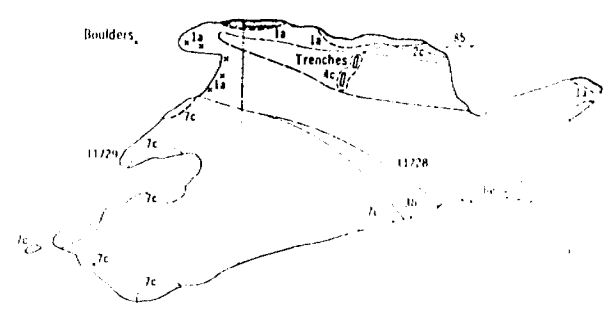
RECORDED HOLDER: Same as Above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
870045	BB-87-1	1,229'	Aug/87	(1)

NOTES: (1) #W8802-012, filed in june/88



O N E



12772

11731

12276

11678

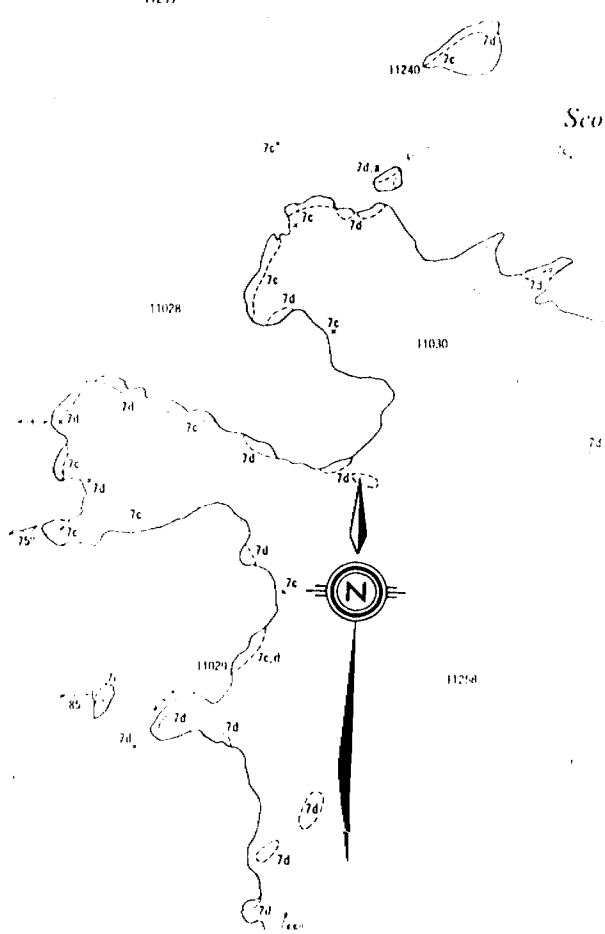
11907

11239

12212

12211

Scott Bay



K E)

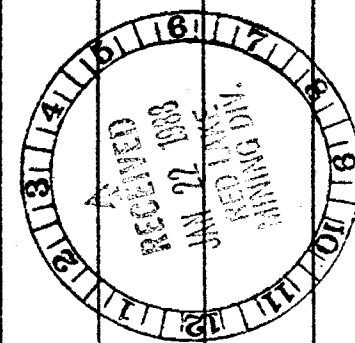
DIAMOND DRILL RECORD

NAME OF PROPERTY BIRD BAY Red Lake (Pessara Bay)
 HOLE NO. BB-87-1 LENGTH 1229.0'
 LOCATION 150' N20°E from CP# on point
 LATITUDE - DEPARTURE -
 ELEVATION Lake + 10' AZIMUTH 020° DIP -55°
 STARTED Aug 4/87 FINISHED Aug 9/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	-54°		1000	-37 1/2°	
400	-47°		1200	31°	
650	-42°				
850	-40°				

HOLE NO. BB-87-1 SHEET NO. 1
 REMARKS FOOTER S R O
 LOGGED BY J.B. HINZEL

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	28.0'	CASING								
28.0'	57.0'	ULTRAMAFIC TO MAFIC Volcanic Flow OR INTRUSIVE (Sheared and Altered) Mid to dark gray-green, well foliated, sheared at 20-30° to core axis. Soft with variable grain size from medium to coarse grained. Light gray sections strongly magnetic - others weakly magnetic. Locally serpentinite and pyroxenite grains to 1/8". Minor carbonate alteration with 2-3" qtz-carb vein at 56.8-57.0' Chlorite imparts greenish cast locally. 51.0-55.0 Mid blue gray - highly magnetic. Basal contact gradational becoming more siliceous.								
64.0	205.8'	MAFIC Volcanic (Sheared) Dark greenish-gray well foliated at 30-40° to core axis. Tingy 1/8" black foliation parallel grains and dark quartz clots to 1/8" dominate foliation. Core is strongly chloritized throughout. Silicification is strong adjacent to local quartz-green carbonate veins near upper contact. Unit is locally weakly magnetic. Some sections resemble sheared sediment (graywacke).								



FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON	f/b
					FROM	TO	TOTAL					
		328.0 - 332.0	108970	12.7	328.0	330.0	2.0					25
		30° to core axis? sheared altered zone or siliceous sedimentary (sandstone?) beds. 2-3% diss. po. magnetic - light tan-gray colour.	108971	"	330.0	332.0	2.0					25
		322.0 - 341.0 similar to (306-328 above)										
		341.0 - 355.0 Silicified zone - dark gray to black locally occasional minor 1/4" gray foliation parallel quartz veins, trace pyrrhotite. gradational upper and lower contacts. 1" white quartz vein with minor chlorite @ 349.8'	108972		341.5	343.5	2.0					25
			108973		348.0	349.0	1.0					25
			108974		349.0	350.0	1.0					19
			108975		350.0	351.0	1.0					25
			108976		351.0	353.0	2.0					25 (55)
			108977		353.0	355.0	2.0					25
355	688	ULTRAMAFIC (SERPENTINIZED) VOLCANICS Mid bluish gray, massive, homogeneous soft, medium grained weakly foliated and weakly magnetic. Local minor carbonate alteration. 355-375 slightly more greenish and darker with local dark gray silicified sections and occasional quartz vein 1/4" with trace pyrite, pyrrhotite. 375-417 weakly magnetic soft serpentized med grained ultramafic 417-434 (similar to 355-375) dark greenish to black gritty feel sediment or mafic volcanic sheared and silicified, 30° to core axis locally biotite + hblende from bedding-foliation? layers	108978	Tr.	359.0	360.0	1.0					19
			108979	Tr	419.0	421.0	2.0					10
			108980	Tr	424.0	426.0	2.0					10
			108981	Tr	428.0	430.0	2.0					19

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ TON	FFB
					FROM	TO	TOTAL					
		- 1-2% disseminated pyrrhotite and pyrite - up to 1% foliation parallel quartz veins to 1/4"	108982	Tr	430.0	431.0	1.0					25
	434-445	Serpentinized, foliated, chloritized and carbonated - possible flow banded ultramafic flow or tuff. 2" quartz vein with green carbonate and gray quartz @ 434.5'	108983		434.0	435.0	1.0					46
	445-448	(same as 417-434)										
	448-449.3	Mafic? Dyke - cherty, aphanitic to fine grained bluish gray with random 1/4" chlorite veins rimmed with 1/8" white quartz - upper and lower contacts irregular	108984		448.0	449.0	1.0					25
	449.3-537.4	Talcose - serpentinized - massive homogeneous ultramafic moderately magnetic - medium grained bluish gray - soft. Lots of carbonate veinlets 523-524 1' silicified chilled - aphanitic to fine grained dark green mafic dyke										
	537.4-557.5	MAFIC VOLCANIC DYKE - Fine grained dark green extremely homogeneous, weakly foliated and chloritized. Upper and lower contacts sharp @ 40° to core axis - silicified and well foliated. 543.7 1-2" white qtz vein zone at 40° to core axis	108985		543.0	544.0	1.0					28 (37)
	557.5-611.0	Talcose serpentinized massive, homogeneous bluish gray ultramafic (as 449.3-537.4 above). 561.0-562.3) Dyke, fine grained to aphanitic, black 570.5-571.6) medium hard, homogeneous, ting sharp contacts of black hornblende crystals, trace py, po. 45-50° to core axis	108986	Tr	557.0	558.0	1.0					19

film show slips

weakly magnetic

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ. TON	Ppb
					FROM	TO	TOTAL					
865.0	874.0	SERPENTINIZED ULTRAMAFICS Soft mid bluish gray talcose, locally fracture brecciated, fractures coated with white carbonate veins $\frac{1}{4}$ inch. Locally weakly sheared at 40° to core axis										
		865-874 as above										
874.0	947.0	C 874 $\frac{1}{2}$ " white calc-carbonate vein AMPHIBOLITIZED (SERPENTINIZED) MAFIC TO ULTRAMAFICS Distinctive carbonate veins $\frac{1}{8}$ " along fracture planes - in situ fracture breccia. Colour is mid to dark bluish gray with greenish sections - soft and serpentinized in places but harder overall, moderately to strongly magnetic locally sheared at 35-40° to core axis, variable fine to medium grained - mixed. - Carbonate fracture brecciation diminishes after 908.0' and shearing - bedding? foliation is more pronounced, common chloritization. Local amphibole grains $\frac{1}{8}$ " not uncommon Quartz veins rare best 1-2" @ 943.0'	109000		873.5	874.5	1.0'					19 (19)
			108501		942.5	943.5	1.0'					10
947.4	985.0	SERPENTINIZED ULTRAMAFICS same as (865.0-874.0') above. gradational base contact highly magnetic										
985.0	990.0	MAFIC VOLCANIC TUFF (or Sediment) Dark gray, fine grained, weakly foliated at 45° to core axis fairly hard locally carbonated, faint bedding or layering, locally biotitic $\frac{1}{16}$ " but mostly homogeneous. Local blebs of po. py. cpy.	108502		987.5	988.5	1.0					25
			108503	190	988.5	989.5	1.0					25

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS							
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON	PPB	
					FROM	TO	TOTAL						
		985.0-999.5 Altered contact zone - lighter gray colour greenish hue - locally amphibolitic. - abundant foliation parallel and cross cutting 1/4" carbonate veins - last 6-8" silicified.	108504	Tr	992.5	993.5	1.0					10	
			108505		993.5	994.5	1.0					10	
		989.5-998 - Massive tuff, faint bedding non magnetic.											
998.0	1006.0	BEDDED (TUFF OR) SEDIMENT Mid greenish gray locally well foliated at 45° to core axis. Basal half of unit fine grained - non descript similar to 989.5-998 but greener. Upper portion shaly and silicified with local sulphide beds? and garnets 3-4" @ 999-999.3 * * @ 999.3 - 999.35 1/2" quartz vein 10-15% pyrite, 1-2% chalcopyrite. @ 65-70° to core axis 999.35-1002 minor sulphide 1-2" bands py/ps and trace chert.	108506		998.0	999.0	1.0					15	
			108507	2%	999.0	999.5	0.5					28	Zn
			108508	1%	999.5	1001.0	1.5					28	Zn
			108509	1%	1001.0	1002.0	1.0		0.004			137	Zn
1006.0	1010.2	CHERT Bluish-pinkish-gray massive ophanitic. Rare 1/4-1/2" quartz vein white. Upper and lower contacts at 35° to core axis.	108510		1006.0	1008.0	2.0					19	(19)
			108511		1008.0	1009.0	1.0					19	
			108512		1009.0	1010.0	1.0					19	
			108513		1010.0	1011.0	1.0					28	
1010.2	1030.5	BEDDED (TUFF OR) SEDIMENT Similar to basal portion 998-1006, mid green fine to medium grained massive with local kinked sections (±) minor sulphide bands. Carbonate alterations 1/4-1/2" veins increase rapidly down hole. Basal contact weakly silicified 4-6" at 45° to core axis 1015.5-1016.5 2-3" sulphide bands, 1/2" quartz vein (white).	108514	3%	1015.5	1016.5	1.0		0.004			146	
			108515	2%	1029.5	1030.5	1.0					19	Zn

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON	ppb	
					FROM	TO	TOTAL						
1030.5	1042.5	MASSIVE SERPENTINIZED ULTRAMAFIC as (EGS. 274) above highly magnetic											
1042.5	1120.5	<p>① 1033-1034 sediment (interflow)</p> <p>1036-1042.5 highly sheared, carbonated.</p> <p>SEDIMENT MIXED (or Altered Tuff)</p> <p>Intimately mixed sequence of variable colour and grain size including, fragmentals bedded or banded sediments, gradational bedding cherts to argillaceous cherts and soft sediment deformation - possible py-po bearing sandstone (or tuff.)</p> <p>Entire unit is silicified and sheared with local chloritization. Fracturing local at low angle to core axis</p> <p>✓ Foliation and bedding is at 35-40° to core axis</p> <p>① 1053.2 1/4" quartz vein with py+cpy.</p> <p>① 1054 1-2% diss py+po+cpy @ contact of dark argillaceous band?</p> <p>1062-1065 Fragmental looking very dark could be alteration spots.</p> <p>1066-1068 fractured zone - slickensiding on slips</p> <p>1072-1073 - cherty zone local tiny splashes of cpy.</p> <p>1077-1079 - cherty - silicified zone - quartz local</p> <p>5-7% po+py, 1% cpy and 3% garnets. also chloritized.</p> <p>1089-1091 - dark contorted cherty argillaceous material very fine grained weakly magnetic</p> <p>1091-1120 increasingly greener + coarser grained more magnetic as disseminated py+po + mt? increases over 5-7%</p>											
			108516	Tr	1053.0	1054.0	1.0					119	
			108517	Tr	1054.0	1055.0	1.0					19	
			108518		1067.5	1068.5	1.0					10	
			108519	Tr	1072.0	1073.0	1.0					46	(46)
			108520	Tr	1073.0	1074.0	1.0					10	
			108521	7%	1077.0	1078.0	1.0					46	Zr
			108522	5%	1078.0	1079.0	1.0					74	
			108523	Tr	1079.0	1080.0	1.0					19	
			108524		1083.5	1084.5	1.0					10	
			108525	Tr	1090.0	1091.0	1.0					64	
			108526	1%	1095.0	1096.0	1.0					28	
			108527	3%	1107.0	1108.0	1.0					19	
			108528	1%	1108.0	1109.0	1.0					19	(28)

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	ppb
					FROM	TO	TOTAL					
1120.5	1144.0	MASSIVE SERPENTINIZED ULTRAMAFIC as (865-874) above 1120.5-1129.5 ultramafic highly magnetic - gradational contact 1129.5-1135.0 bedded sediment as 1043.5-1120.5 - all contacts gradational. Generally chloritized and carbonated.	108529		1145.5	1146.5	1.0					28
1144.0	1179.0	MAFIC DIKE/DIKE VERY fine grained black to dark gray, very hard and extremely homogeneous. Contains 3-5% disseminated pyrrhotite and minor pyrite and chalcopyrite as discreet 1/16" - 1/8" blebs. Moderately magnetic. Local 1/8" quartz and/or carbonate veins randomly oriented. weakly silicified.	108530	29	1152.0	1154.0	2.0					28
			108531	29	1160.5	1162.0	1.5					19
			108532	29	1162.0	1164.0	2.0					19
			108533	14	1167.0	1169.0	2.0		0.0125			429
			108534	TV	1178.0	1179.0	1.0					28
1179.0	1229.0	MASSIVE SERPENTINIZED (TALCOSE) ULTRAMAFIC see (865-874) above. 1124-1129 - more massive fine grained - magnetite bearing greywacke or tuff.										

E.P.H.



Ministry of
Natural
Resources

Report
of Work

Afro

DOCUMENT No.
W 8002 / 10
The Minin



52M01SE0151 46 BALL TWP

900

Name and Postal Address of Recorded Holder
Biron Day Resources Limited
80 St. Clair Avenue East, Penthouse 9, Toronto, Ontario M4T 1N6

Inspector's License No. T-1091 61187

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.
	Prefix	Number			Prefix	Number		
2349		(see attached addendum)	60.23					
for Performance of the following work. (Check one only) <ul style="list-style-type: none"> <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey 								
(see attached addendum) <i>even distribution, please.</i>								

All the work was performed on Mining Claim(s): 870064 and 870045

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

Les Forages S.D.S. Inc.
53, rue Champoux, Sullivan, Quebec JOY 2N0

Geological Supervision - Peter J. Vamos Consultants
5415 Victoria Street, Niagara Falls, Ontario L2E 4E6

BB 87-10 25 Aug. 1987 B.Q. core 45° 1,120 feet.
✓ BB 87-1 4 Aug. 1987 B.Q. core 45° 1,229 feet.

RECEIVED NOV 9 1987 RED LAKE MINING DIV.

RECEIVED JAN 22 1988 RED LAKE MINING DIV.

approved →

Date of Report	Recorded Holder or Agent (Signature)
30 October 1987	<i>Peter J. Vamos</i>

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying
Peter J. Vamos, 4867 Willmott Street, Niagara Falls, Ontario L2E 1Z4

Date Certified	Certified by (Signature)
30 October 1987	<i>Peter J. Vamos</i>

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 <u>dates and hours of employment.</u>	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	Names and addresses of owner or operator together with <u>dates when drilling/stripping done.</u>	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.	Nil	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.		Nil

ADDENDUM
REPORT OF WORK
30 OCTOBER 1987

Hammels

Twp-G1789

KRL 870064

KRL 870065

KRL 870066

KRL 870067

KRL 870068

Ball

Twp-M2136

KRL 870045

KRL 870046

KRL 870047

KRL 870048

KRL 870049

KRL 870050

KRL 870051

KRL 870052

KRL 870053

KRL 870054

KRL 870055

KRL 870056

KRL 870069

KRL 870070

KRL 870071

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KRL 870126

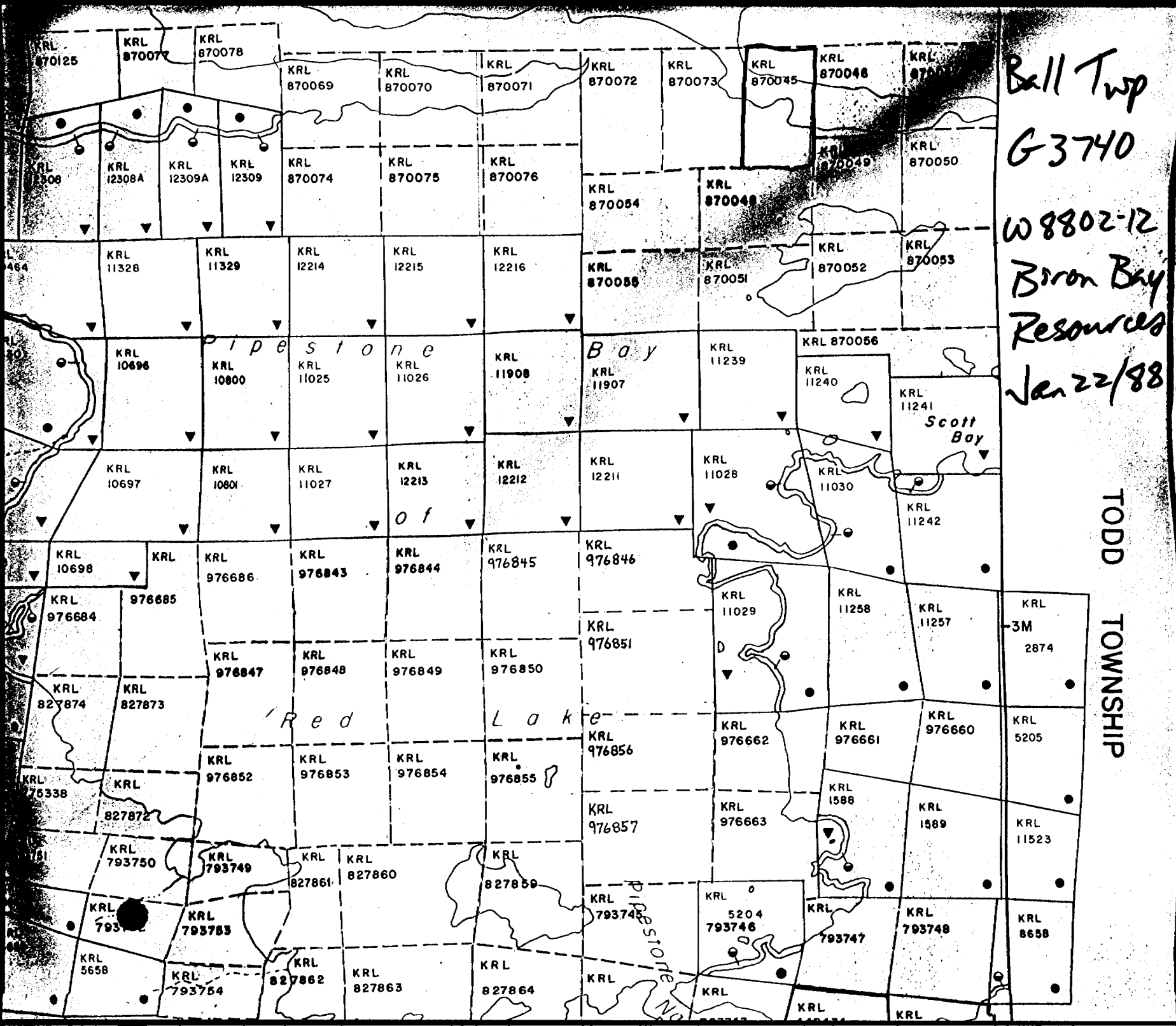
KRL 870127

KRL 870128

KRL 870129

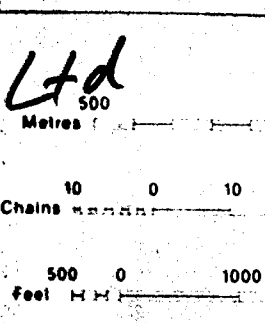
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Ball Twp
 G3740
 W8802-12
 Bron Bay
 Resources Ltd
 Jan 22/88

SURFACE
 MINING R
 LICENCE OF OCC
 ORDER-IN-COUN
 RESERVATION
 CANCELLED
 SAND & GRAVEL
 NOTE: MINING RIGH
 1913, VESTED
 LANDS ACT.



TODD TOWNSHIP