



52F05SW0102 38 DOGPAW LAKE

010

Diamond Drilling

Area Dogpaw Lake

Report N^o 38

Work performed by: Riocanex Inc.

Claim N ^o	Hole N ^o	Footage	Date	Note
K 615457 590362	1	1747	June/83	(1)

Notes: (1) #87-83

RIOCANEX INC.

DIAMOND DRILL RECORD

LOCATION: L 1+00m N 0+80m W

HOLE No.: 1
PAGE 1 of 17

AZIMUTH: 045° Grid East

DIP: -55° LENGTH: 532.49m 1747 ft. ELEVATION: PROPERTY: Weisner Lake Option
Dogpaw Lake Area

STARTED: June 7, 1983 CORE SIZE: BO DATE LOGGED: June CLAIM No.: K615457, 590362

COMPLETED: June 16, 1983 DIP TESTS: 61m:55° 183m:54° 305m:52° 122m:55° 244m:53°
366m:50° 427m:47° 488m:41° 532m:40° SECTION:

PURPOSE: To Test mineralized cherty tuff horizon at depth LOGGED BY: W. Benham *[Signature]*

INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH							
from	to			from	to								
0	6.10	Overburden											
6.10	48.10	Feldspar Porphyry Tuff											
		25%, 0.5-2mm subhedral to anhedral white											
		feldspar phenocrysts in a green grey to											
		green fine grained matrix, - hard											
		Occasional clear to blue 1mm quartz eyes.											
		Few 0.5-1 cm dark green mafic fragments											
		e.g. 21.5											
		Dacitic in composition, tuffaceous?											
		6.1-24.4											
		Well fractured, blocky											
		20.7-31.1											
		Lighter green grey, softer feldspar pheno-											
		crysts not as distinct,											
		Epidote altered and siliceous sections											
		10% quartz-carbonate veinlets											
		31.1-48.10											
		Darker green, contact gradational, feld-											
		spar phenocryst become smaller, fewer and											
		less distinct towards contact											

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DIAMOND DRILL RECORD

HOLE No.: 1

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH									
from	to			from	to										
48.10	58.43	Dacite Fine grained to aphanitic, medium hard massive, dark grey black. Occasional bleached light green fractures													
58.43	63.83	Feldspar Porphyry Tuff Same as 31.1-48.1 with narrow non-porphyrific sections Upper contact at 20° CA Lower contact at 40° CA													
63.83	65.53	Cherty Tuff Dark grey, very siliceous, laminated and sheared at 40-45° 63.83-63.70 Light grey, 1% disseminated sphalerite, 1% pyrite 63.70-65.53 1% disseminated pyrrhotite, trace chalcop- pyrite													
65.53	82.11	Rhyolite Tuff Dark green grey to pink grey, siliceous, fractured Vaguely to well banded at 35-40°, locally at 50°													

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DIAMOND DRILL RECORD

HOLE No. : 1

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INTERVAL from	to	DESCRIPTION	SAMPLE No.	INTERVAL from	to	LENGTH								
		Some sections are dark green and mottled due to 1-2mm chloritic spots												
82.11	99.27	Feldspar Porphyry Tuff 25-35% white feldspar phenocrysts in a green fine grained matrix. Contacts at 30°												
99.27	105.10	Shear Zone Dark green, chloritic, biotitic altered and sheared at 45° Hematitic stains on fractures 15-20% white quartz carbonate veinlets 101.2-102.5 Highly sheared, 35% quartz-carbonate, trace pyrite												
105.10	114.90	Cherty Tuff Grey, siliceous, banding at 30-40°, hemati- tic stains along fractures. < 1% disseminated pyrite and sphalerite 112.5-114.9 2% disseminated pyrite and streaks para- llel to foliation 1% disseminated spha- lerite												

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DIAMOND DRILL RECORD

HOLE No. : 1

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH								
from	to			from	to									
114.90	140.67	Rhyolite Tuff Grey, pink grey and green grey Vaguely to finely bedded at 30-40° Locally feldspar porphyritic, more siliceous or dark green mottled texture 5% white to pink quartz carbonate veins 0.5-8 cm wide parallel to bedding												
140.67	149.75	Feldspar Porphyry Tuff 20-25%, 0.5-1mm anhedral white feldspar phenocrysts in a grey green medium hard matrix Contacts are irregular and gradational												
149.75	168.25	Dacite Fine grained, massive, green, grey green, dark green to pink Quartz carbonate hairline fractures at all angles Locally more mafic and feldspar porphyritic												
168.25	183.49	Feldspar Porphyry Tuff Dark green grey 5% 0.5mm white feldspar phenocrysts Contacts gradational												

RIOCANEX INC.

DIAMOND DRILL RECORD

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH							
from	to			from	to								
183.49	189.59	Rhyolite											
		Aphanitic, very siliceous, pink grey											
		Brecciated, fractured											
		Lighter banding at 45°											
		190.1-190.16, 191.26-191.41											
		Rusty quartz veining and fractures at 70°											
189.59	194.89	Rhyolite											
		Massive, pink grey becoming darker with depth											
194.89	212.75	Dacite											
		Massive green grey											
		Locally feldspar porphyritic											
212.75	221.83	Rhyolite											
		Grey to pink grey, locally green spotted texture											
		More siliceous with depth											
221.83	223.14	Cherty Tuff or Flow Banded Rhyolite											
		Light grey, very siliceous											
		Finely banded at 45°											
		Hematite stained fractures											
223.14	230.73	Rhyolite Tuff											
		Grey to pink grey, vaguely to well banded at											

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DIAMOND DRILL RECORD

HOLE No. : 1

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH							
from	to			from	to								
		45° Grey 0.2 cm rhyolite fragments in a more mafic matrix. Occasional 2 cm fragments. Becomes more sheared and hematitic with depth.											
230.73	237.44	Shear Zone Red hematitic, carbonaceous Highly sheared at 45°, trace pyrite											
237.44	246.28	Rhyolite Tuff Grey to pink grey, vague 0.2 cm fragments in altered brecciated hematitic matrix Becomes more grey in colour with depth											
246.28	257.65	Rhyolite Tuff to Lapilli Tuff 0.2 cm white to light green felsic fragments in a green matrix with scattered feldspar phenocrysts. Occasional 0.5-3.0 cm more mafic irregular, feldspar porphyritic fragments, e.g. 248.5 0.1-1.0m epidote altered sections Generally massive except for some banding at 30°-45° from 256.90-257.65											
257.65	271.30	Rhyolite Tuff Grey, uniform, 0.2-0.5 cm rhyolite fragments.											

RIOCANEX INC.

DIAMOND DRILL RECORD

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH						
from	to			from	to							
		Occasional 1.0 cm more mafic fragment.										
		Upper contact at 45°										
		Lower contact sharp but irregular at about 45°										
		266.4-268.8										
		Dark green and light green chlorite and epidote alteration										
271.30	283.49	Rhyolite										
		Dark green grey, mottled by darker green chloritic spots. Aphanitic, siliceous brittle fractured with numerous carbonate veinlets										
283.49	286.59	Rhyolite Tuff										
		Same as 257.65-271.30										
		Upper contact sharp but very irregular										
		Lower contact vague										
286.57	298.34	Rhyolite Breccia										
		Light grey to white, siliceous well fractured, hairline fractures filled with chlorite and quartz carbonate 1-3 cm fragments.										
298.34	316.66	Rhyolite										
		Grey to dark grey green, hard.										
		Dacitic to rhyolitic in composition										

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH							
from	to			from	to								
		Locally feldspar prophyritic or more siliceous											
		Occasional vague foliation at 30-40°											
		Lower contact at 35°											
		314.10-316.66											
		Light grey, more siliceous fractured											
316.66	326.68	Feldspar Porphyry Tuff											
		35% subhedral white feldspar phenocrysts in a green, fine to medium grained dacitic matrix.											
326.68	350.43	Dacite											
		Green to dark green, fine grained											
		Hairline carbonate veinlets											
		Locally feldspar porphyritic											
		Lower contact at 40°											
350.43	363.02	Rhyolite											
		Pink grey, light grey to grey, aphanitic, very siliceous. Well fractured, carbonate veinlets. Disseminated chalcopyrite and pyrite, blebs up to 2mm, 1% sulphides											
		350.43-353.30											
		Mottled texture due to 0.2-5 cm oval chloritic spots											

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DIAMOND DRILL RECORD

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH							
from	to			from	to								
		353.3-354.8											
		Fine grained, darker green											
		1% disseminated chalcopyrite, trace pyrite, pyrrhotite											
		358.17-358.26											
		Quartz, carbonate and chlorite veining at 35°. 2% chalcopyrite, 2% pyrite											
363.02	375.60	Rhyolite											
		Altered, darker green, to brown grey, softer.											
		1-2 cm oval blebs of pyrite pyrrhotite											
		368.2-368.8											
		Eleven, 1.5-2.5 cm subrounded pyrrhotite fragments with pyrite and chalcopyrite											
		Locally mottled by chloritic ovals and feldspar porphyritic, possibly tuffaceous, 5% sulphides											
		372.6-373.2											
		Brown grey, mottled by chloritic patches.											
		5% disseminated pyrrhotite, pyrite, trace chalcopyrite in carbonate matrix.											
375.60	377.30	Feldspar Porphyry Tuff											
		Brown grey, green mottled by chloritic spots											

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DIAMOND DRILL RECORD

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH							
from	to			from	to								
		altered											
		10% white feldspar phenocrysts											
		1% disseminated and up to 1.5 cm blebs pyrite											
		Upper contact at 45° Lower contact at 50°											
377.30	385.60	Rhyolite											
		Same as 363.02-375.60											
		< 1% pyrite in oval patches up to 2 cm											
		382.5											
		Irregular .5-1 cm pyrrhotite seam with											
		5% pyrite											
385.60	386.90	Feldspar Porphyry Tuff											
		Same as 375.6-377.3											
		1% disseminated pyrrhotite, pyrite, trace											
		chalcopyrite with pyrrhotite											
		Contacts at 45-50°											
386.90	388.50	Rhyolite											
		Same as 363.02-375.60											
		1% disseminated pyrrhotite, pyrite, trace											
		chalcopyrite											
388.50	396.60	Feldspar Porphyry Tuff											
		Same as 375.6-377.3											
		Upper contact at 45°											
		Lower contact at 65°											

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DIAMOND DRILL RECORD

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH						
from	to			from	to							
		Biotite alteration, brown green										
		1-2% disseminated pyrrhotite										
		1% pyrite, trace chalcopyrite										
396.60	405.20	Rhyolite Tuff										
		Bluish grey, siliceous banding at 45-60° in										
		a green brown biotitic, chloritic matrix										
		fractured, abundant carbonate veining										
		404.6										
		0.5-1 cm x 4 cm pyrrhotite fragment with										
		pyritic rim										
405.20	465.52	Rhyolite										
		Altered, brown grey, siliceous biotitic,										
		mottled by dark green "chloritic" spots										
		408.43-408.58										
		1mm chalcopyrite vein at 15°										
		416.02-417.50										
		Dark green, numerous carbonate veinlets,										
		possibly a basic dyke										
		417.50-421.7										
		2% pyrrhotite irregular blebs 0.5-1.0 cm										
		and disseminated. Trace chalcopyrite with										
		pyrrhotite 2-3% finely disseminated pyrite										

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INTERVAL from	to	DESCRIPTION	SAMPLE No.	INTERVAL from	to	LENGTH								
		421.7-431.6												
		2% medium grained pyrite in 2mm												
		1.0-2.0 cm blebs and disseminated.												
		Trace pyrrhotite and chalcopyrite												
		421.7-437.2												
		Finer grained, brown grey mottling not as												
		distinct. 2% pyrite stringers												
		428.6												
		10 cm white quartz vein at 45°. Trace												
		chalcopyrite pyrite												
		437.2-438.7												
		Dark green, chloritic sections												
		0.03-0.30m wide												
		3-5% pyrite, disseminated stringers and												
		semi massive 10 cm veins. 1% chalcopyrite												
		437.8-438.15												
		10% chalcopyrite, 3-5% pyrite												
		438.35-438.45												
		80% pyrite, 3% chalcopyrite 15% quartz,												
		carbonate, chlorite												
		447.3-451.9												
		2% pyrrhotite, stringers 1-2mm 0.1-1 cm												

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH						
from	to			from	to							
		blebs 0.5% chalcopryrite and 1% pyrite disseminated in pyrrhotite blebs.										
		457.3-458.0 Banding at 60°										
		458.0-460.1 5% pyrite, trace chalcopryrite Quartz veining, more chloritic										
		437.2-465.52 Brown grey, green, pink grey Fine to medium grained with vague to prominent mottling due to chloritic spots 1-2% sulphides, pyrite, pyrrhotite, chalcopryrite										
465.52	482.60	Dacite Tuff Green grey to dark green. Hard bleached and coarse mottled darker green sections < 1% sulphides, pyrrhotite, pyrite, trace chalcopryrite										
482.60	515.33	Cherty Rhyolite Tuff Well laminated at 55-70°, avg. 60° Light grey cherty bands with more chloritic										

RIOCANEX INC.

DIAMOND DRILL RECORD

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INTERVAL from	to	DESCRIPTION	SAMPLE No.	INTERVAL from	to	LENGTH							
		green usually spotted bands.											
		483.9-484.2											
		1% disseminated sphalerite											
		482.60-489.7											
		< 1% sulphides mainly pyrrhotite wisps and disseminated.											
		Trace sphalerite, chalcopyrite and pyrite											
		489.7-508.7											
		5-10% pyrrhotite, 0.1 to 30 cm massive veins parallel to bedding, disseminated and 0.2- 1 cm blebs											
		1-2% pyrite in fractures and with pyrrhotite											
		1-2% sphalerite disseminated and 0.1-10 cm veins											
		< 1% chalcopyrite with pyrrhotite											
		Trace galena											
		492.4-493.3											
		3-5% disseminated sphalerite 3% pyrrhotite, 1% pyrite trace chalcopyrite											

RIOCANEX INC.

DIAMOND DRILL RECORD

HOLE No. : 1

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INTERVAL from	to	DESCRIPTION	SAMPLE No.	INTERVAL from	to	LENGTH								
		501.5-501.6												
		Massive sulphide vein at 65-70° 75% pyrrhotite, 15% pyrite 10% chalcopyrite, trace sphalerite												
		501.0-501.85												
		grey black, hard, graphitic?? 10% pyrrhotite 2% pyrite 3% chalcopyrite trace sphalerite												
		502.7-502.9												
		10% sphalerite, irregular bands and veinlets. 1% pyrite, 1% pyrrhotite trace chalcopyrite												
		502.9-504.5												
		Feldspar porphyritic massive < 1% sulphides												
		504.5-506.8												
		Cherty tuff. 5% pyrrhotite 1% pyrite, 0.5% sphalerite 0.5% chalcopyrite												
		506.85-507.28												
		5% sphalerite, 5% pyrrhotite 1% galena Sphalerite disseminated, irregular stringers and semi massive over width of 0.1-10 cm												

RIOCANEX INC.

DIAMOND DRILL RECORD

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH						
from	to			from	to							
		507.4-507.8										
		Massive sulphides										
		75% pyrrhotite, 15% pyrite 1% chalcopyrite,										
		trace sphalerite 5-10% quartz carbonate,										
		chlorite vuggy										
		507.8-508.7										
		2-3% pyrite, trace chalcopyrite sphalerite										
		508.2-508.3										
		15% irregular pyrite veining 2% pyrrhotite										
		trace chalcopyrite and sphalerite										
		508.7-515.33										
		Grey to grey black. Banding at 55-60°										
		Locally graphitic. < 1% sulphides										
		514.7-515.1										
		20% graphitic bands at 55° 5% pyrite, trace										
		chalcopyrite and sphalerite										
		514.9-515.0										
		Grey white quartz vein at 55-65°										
515.33	End	Dacite Tuff										
		Green grey, to dark grey, siliceous										

RIOCANEX INC.

DIAMOND DRILL RECORD

HOLE No.: 1

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INTERVAL		DESCRIPTION	SAMPLE No.	INTERVAL		LENGTH								
from	to			from	to									
		Foliation at 55-60°												
		Trace sulphides. Numerous carbonate vein-												
		lets.												
	532.49	End of Hole												
		Casing left in hole												
		Drilled by Bradley Bros. Ltd.												
		Noranda, Quebec												

SF-6551012 38 DOGPAW LAKE



900

BL 135°

52-F-5

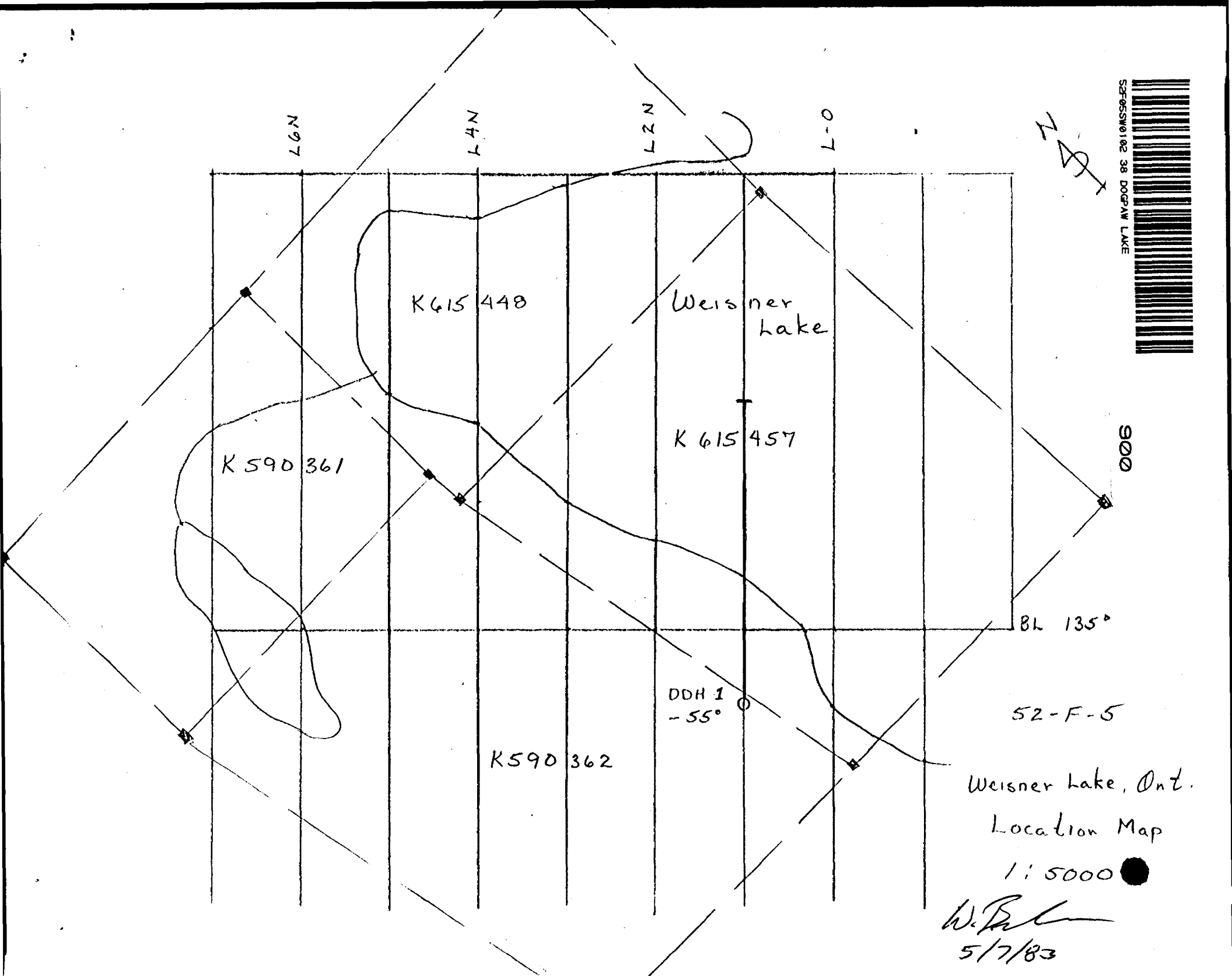
Weisner Lake, Ont.

Location Map

1:5000 ●

W. B. ...

5/7/83



L6N

L4N

L2N

L-0

K615 448

Weisner
lake

K615 457

K590 361

K590 362

DDH 1
-55°



Ministry of
Natural
Resources

Report
of Work

DOGPAW LAKE

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)".

#57-83

The Mining Act

Name and Postal Address of Recorded Holder Riocanex Inc.	Prospector's Licence No. A30260
120 Adelaide St. W., Toronto, Ontario M5H 1W5	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1747	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <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	K	590361	100	K	615457	100	K	668585	60
		590362	107		632320	100		668591	60
		615319	100		632321	100		668592	60
		615320	100		632322	100		668593	60
		615321	100		668481	60		668594	60
		615322	100		668482	60			
		615323	100		668483	60			
		615448	100		668484	60			

All the work was performed on Mining Claim(s): **K590362 - 82 days K615457 - 1665 days**

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

Hole No. 1 Az 045° Dip 55° Length: 532.49m 1747 ft.

Core diameter BQ, Drilling done June 7-16, 1983.

Drill Contractor: **Bradley Bros. Ltd.**
P.O. Box 367
Noranda, Quebec

Core stored at drill site

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE

AUG 18 1983

RECEIVED

KENORA
MINING DIV.
RECEIVED
JUL 11 1983
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Date of Report **5/17/83** Recorded Holder or Agent (Signature) *W.P.*

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.

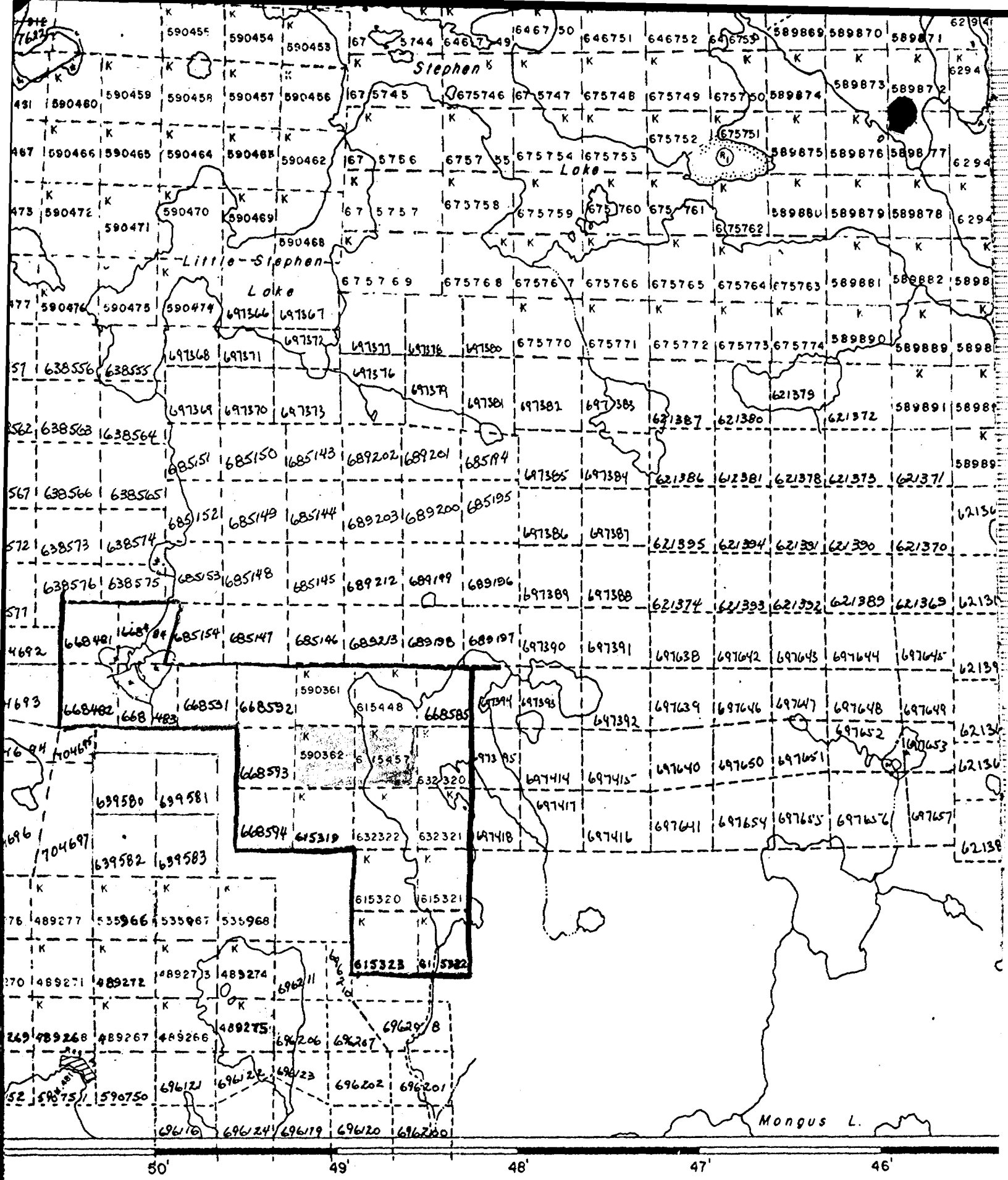
Name and Postal Address of Person Certifying
Wayne Benham

c/o Riocanex Inc.

Date Certified **5/17/83** Certified by (Signature) *W.P.*

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	590361 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	Names and addresses of owner or operator together with dates when drilling/stripping done.	
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.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil



Dogpaw Lake Area