



41P11SW0221 38 ASQUITH

010

DIAMOND DRILLING

TOWNSHIP: ASQUITH

REPORT NO: 38

WORK PERFORMED FOR: Teck Explorations Ltd.

RECORDED HOLDER: Same as Above (xx)  
: Other ( )

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
L873107	1528-2	133.2'	June/89	(1)

NOTES: (1) W8908-256, date filed Sept/89

**TECK EXPLORATIONS LIMITED  
DIAMOND DRILL LOG**

Hole 1528  
Sheet 1 of 1

Jcb <u>1528</u> N.T.S. <u>41 P/11</u>	Objective <u>To Test VLF-EM Anomaly 32</u>	Core Location <u>North Bay</u>	Tests		
Property <u>Top Gun/Shiningtree Option</u>			At Collar	Dip	Azimuth
Township <u>Asquith</u>	Drilling Co. <u>Teck-Winkie</u>	Distance to water <u>700 feet</u>		<u>-50°</u>	<u>360°</u>
Location: Line <u>16+10W</u>		Casing Lost <u>Nil</u>			
Station <u>8+60N</u>	Commenced <u>June 1, 1989</u>				
Elevation _____	Completed <u>June 5, 1989</u>	Core Size <u>AX (1 3/8")</u>			
Logged <u>A. Christopher</u>	Length <u>133.2 feet</u>				
Remarks <u>VLF-EM anomaly explained as graphitic sediments in section from 82.9 to 92.5'. Best assay 1,475 ppb (0.043 oz/ton) from 1.3' zone of carbonate veining at 30.5-31.8.</u>					

Depth (ft)		Rock Type	Description	Sample No.	From	To	Length (ft)	Au ppb
From	To							
0	1.9	OVERBURDEN	Casing.					
1.9	25.5	MAFIC FLOW/INTRUSIVE	Medium green, massive, medium-grained (1-3 mm) mafic intrusive?/flow with epidote alteration. Gabbroic texture, non-magnetic with minor carbonate alteration.					
25.5	50.9	FOLIATED MAFIC FLOWS	As above unit but moderately to strongly foliated with moderate to strong calcite alteration. Up to 15% irregular carbonate veining and minor quartz + carbonate veins (<1/8") are present. Trace to locally 2% pyrite. Rock appears finer grained than above unit due to foliation/shearing. 30.5-31.8 - 2-5% pyrite and 20% carbonate veins. 37.0 - Foliation at 55° to core axis. 38.5-48.9 - Core ground, 100% lost. 50.9 - Contact ground.	F2743	28.5	30.5	2.0	60
				F2482	30.5	31.8	1.3	1475
				F2744	31.8	33.8	2.0	675
50.9	56.5	INTERMEDIATE TO FELSIC DYKE?	Medium grey, fine-grained, massive to weakly foliated (blocky), hard, fine-grained, intermediate to felsic dyke. Contacts are ground. Weak to moderate carbonate alteration. Trace to 2% pyrite.	F2487	51.0	53.9	2.9	40
				F2488	53.9	56.5	2.6	20
56.5	64.5	FELSIC TUFFS	Grey to grey-yellow, moderately to strongly foliated, bedded felsic					

Depth (ft)		Rock Type	Description	Sample No.	From	To	Length (ft)	Au ppb	
From	To								
			ash and lapilli tuffs with moderate sericite alteration and up to 5% quartz eyes. 1-3% pyrite is present. Unit has moderate to strong carbonate alteration.						
			56.5-59.0 - Fine-grained ash tuff with 2-4% fine-grained pyrite in bands and as disseminations.	F2489	56.5	59.0	2.5	10	
			57.5 - Foliation at 90° to core axis.						
			59.0-64.5 - Felsic lapilli tuff with moderate sericite alteration and quartz eyes.	F2490	59.0	63.5	4.5	Nil	
			64.3 - 1" quartz vein at 60° to core axis with pyrite, pyrrhotite, chalcopyrite (<2%).	F2491	63.5	64.5	1.0	Nil	
			64.5 - Contact at 85° to core axis.						
64.5	74.6	SEDIMENTS	Medium to fine-grained, massive to weakly foliated siltstone to greywacke with strong carbonate alteration (unit is soft). Possible bedding at 15° to core axis? Up to 1% pyrite.	F2492	64.5	69.5	5.0	10	
			74.6 - Contact at 77° to core axis.	F2493	69.5	74.6	5.1	Nil	
74.6	82.9	FELSIC TUFF	Felsic lapilli tuffs as unit 56.5-64.5 with minor ash tuffs. Moderate sericite and carbonate alteration.						
			74.6-75.3 - Two 2" sediment beds as 64.5-74.6.	F2494	74.6	76.5	1.9	Nil	
			75.5 - 1/4" quartz vein at 55° to core axis.						
			76.9 - 1/4" and 3/4" quartz + carbonate veins at 40° to core axis.	F2495	76.5	78.5	2.0	10	
			77.6-78.2 - 3" grey-white quartz vein at approximately 50° to core axis.						
			78.2-79.8 - Ash tuff.	F2496	78.5	82.9	4.4	10	
			82.9 - Contact ground.						
82.9	95.2	SEDIMENTS AND FELSIC TUFF (VLF-EM ANOMALY)	Mixed section of sediments (similar to unit 64.5-74.6) and felsic tuffs (as 56.5-64.5) with sections of graphitic argillite.						
			82.9-85.5 - Sediments with some laminated sections and 3% pyrite.	F2497	82.9	85.5	2.6	10	
			83.2 - Bedding/foliation at 85° to core axis.						
			85.5-88.8 - Graphitic argillite with 3-5% pyrite and 10" of brecciated argillite with 20% quartz fragments.	F2498	85.5	88.8	3.3	50	
			88.8-90.8 - Felsic lapilli tuff with 3% pyrite.	F2499	88.8	90.8	2.0	10	

Depth (ft)		Rock Type	Description	Sample No.	From	To	Length (ft)	Au ppb
From	To							
95.2	109.9	FELSIC TUFFS/SERICITE SCHIST	90.0 - Foliation at 82° to core axis.	F2500	90.8	93.0	2.2	30
			90.8-93.0 - Laminated siltstone with some graphitic laminae and 4-8% pyrite.					
			93.0-95.2 - Sediments as 64.5-74.6. 1% pyrite.	F2701	93.0	95.2	2.2	N11
			Felsic tuffs as 56.5-64.5 with some more sheared sections of sericite schist. Moderate to strong sericite alteration and weak carbonate alteration. 1-3% disseminated pyrite.	F2702	95.2	97.5	2.3	N11
			97.5-100.0 - Sericite schist.	F2703	97.5	100.0	2.5	10
			98.5 - Foliation at 88° to core axis.	F2704	100.0	102.5	2.5	10
109.9	116.5	SEDIMENTS	102.5-104.0 - Rusty (red-brown) hematite staining along fractures.	F2705	102.5	106.5	4.0	40
			107.5-109.5 - As above.	F2706	106.5	109.5	3.0	10
			Mixed section of sediments (as 64.5-74.6) and graphitic argillite.	F2707	109.5	112.5	3.0	50
			109.9-110.6 - Graphitic argillite with 5-8% pyrite.	F2708	112.5	114.6	2.1	130
			110.6-112.7 - Fine-grained sediments with 3% pyrite.					
			112.7-113.2 - Quartz vein (6") at 70° to core axis with 20% pyrite.					
113.2-113.5 - As 110.6-112.7.	F2709	114.6	116.5	1.9	10			
113.5-114.6 - Graphitic argillite with 5-8% pyrite.								
114.0-114.6 - 50% core loss.								
114.6-115.0 - Sediment as 110.6-112.7.	F2710	116.5	119.0	2.5	N11			
115.0-116.5 - Felsic ash tuff? with moderate sericite alteration, strong carbonate alteration and 3-5% pyrite.								
116.5 - Contact at 57° to core axis.								
116.5	133.2	INTERMEDIATE TO MAFIC VOLCANICS	Medium green to grey-green, massive, mafic to intermediate flows with moderate carbonate alteration. Unit has 1-4% pyrite in carbonate veins/beds.	F2711	131.0	133.2	2.2	N11
			116.5-117.5 - Flow top, altered with 5% pyrite and hematite staining.					
			118.8 - ¼" quartz + carbonate vein, brecciated. Trace chalcopyrite at 25° to core axis.					
133.2		END OF HOLE						

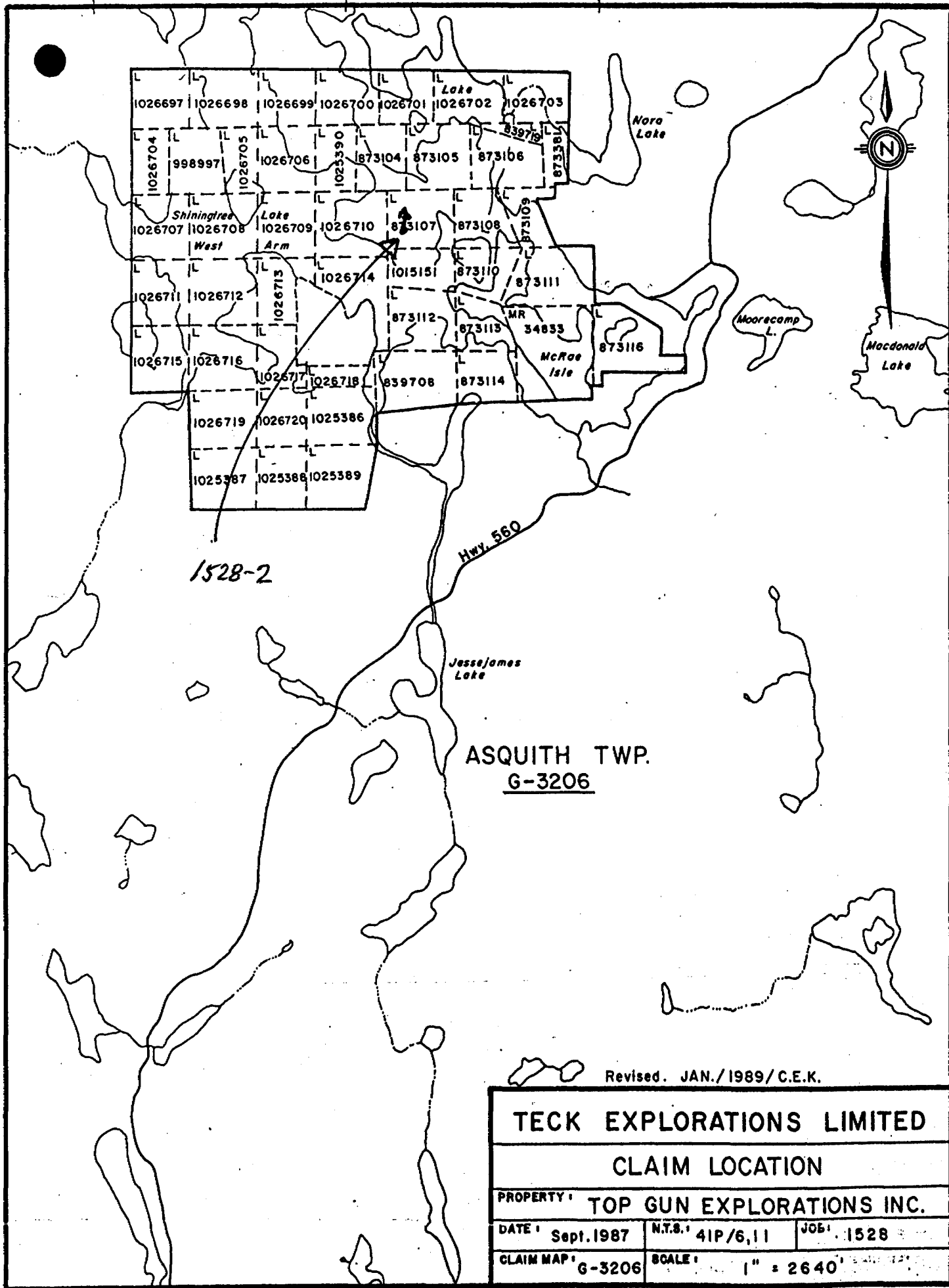
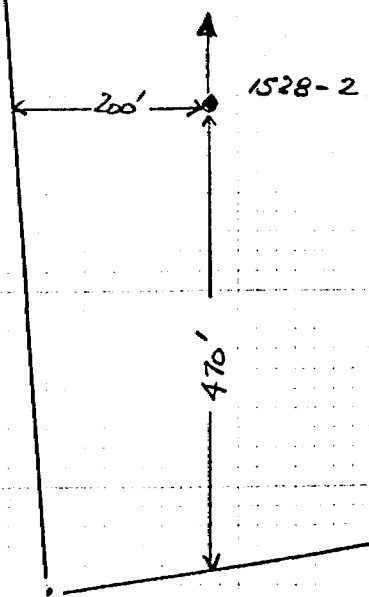
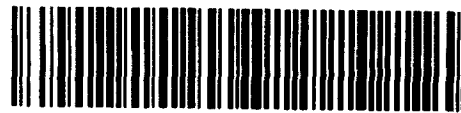


Figure 2

L 873107



1" = 200'



Name and Postal Address of Recorded Holder  
Teck Explorations Limited

A32498

1 First Canadian Place, Toronto, Ontario, M5X 1A2

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 133.2	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.
	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	L	- 839719	35	L	- 1026709	1						
		- 873104	30		- 1026710	1.2						
		- 873105	25									
		- 873106	1									
		- 873107	19									
		- 998997	5									
	- 1026703	15										
	- 1026705	1										

All the work was performed on Mining Claim(s): L 873107

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

Drill owned by Teck Explorations Limited

Drilling done from June 1 to June 5, 1989

ONTARIO GEOLOGICAL SURVEY  
ASSESSMENT FILES  
OFFICE  
AUG 21 1989  
RECEIVED

RECORDED  
JUL 20 1989  
Receipt # \_\_\_\_\_

RECORDED  
JUL 20 1989  
9:25 am  
2 P.

Date of Report  
July 19/89

Recorded Holder or Agent (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  
K. Thorsen, 2189 Algonquin Avenue, North Bay, Ontario, P1B 4Z3

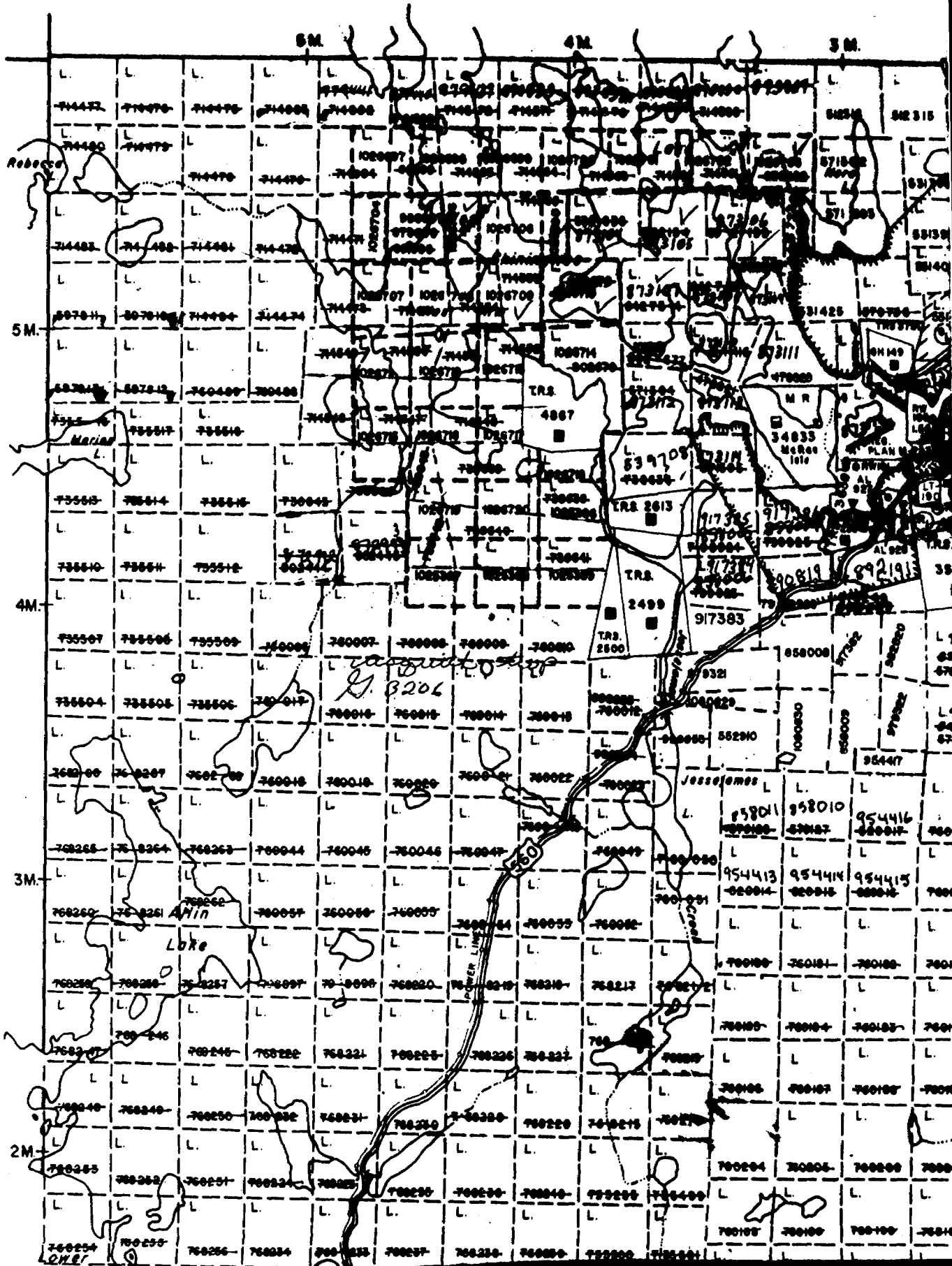
Date Certified  
July 19/89

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.	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.	Work Sketch (as above) in duplicate
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	Nil
Land Survey	Name and address of Ontario land surveyor.		

# Churchill Twp.



# Miramichi Twp.