



42B09NE0010 17 MONTCALM

010

Diamond Drilling

Township of MONTCALM

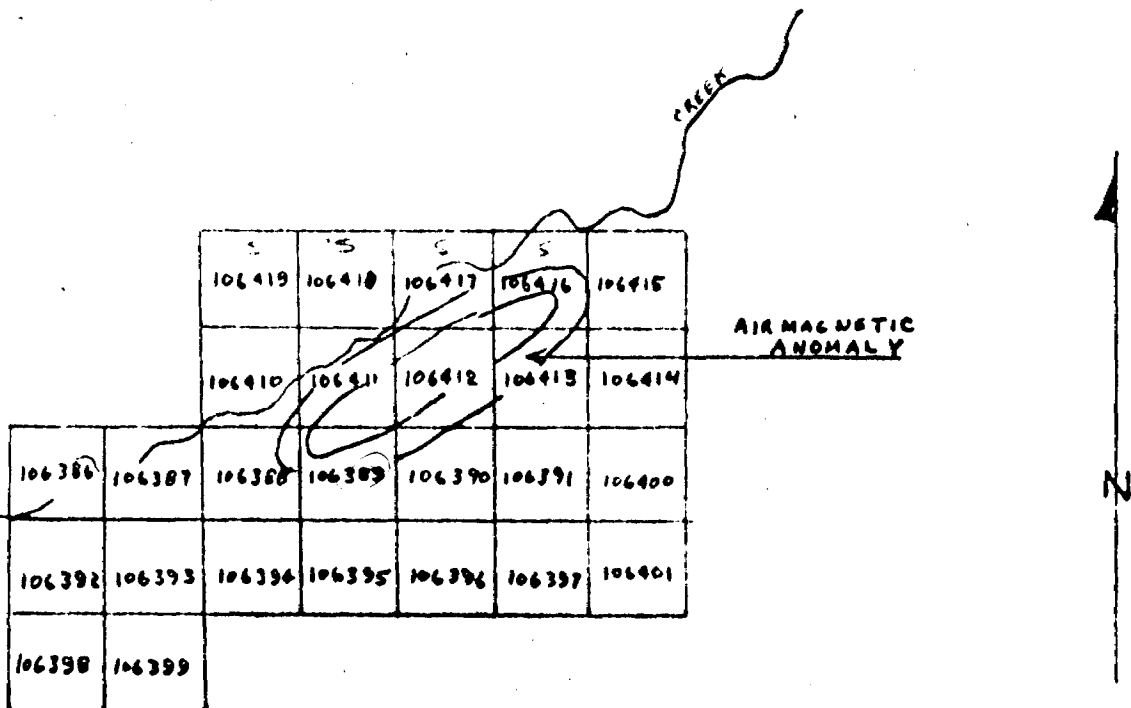
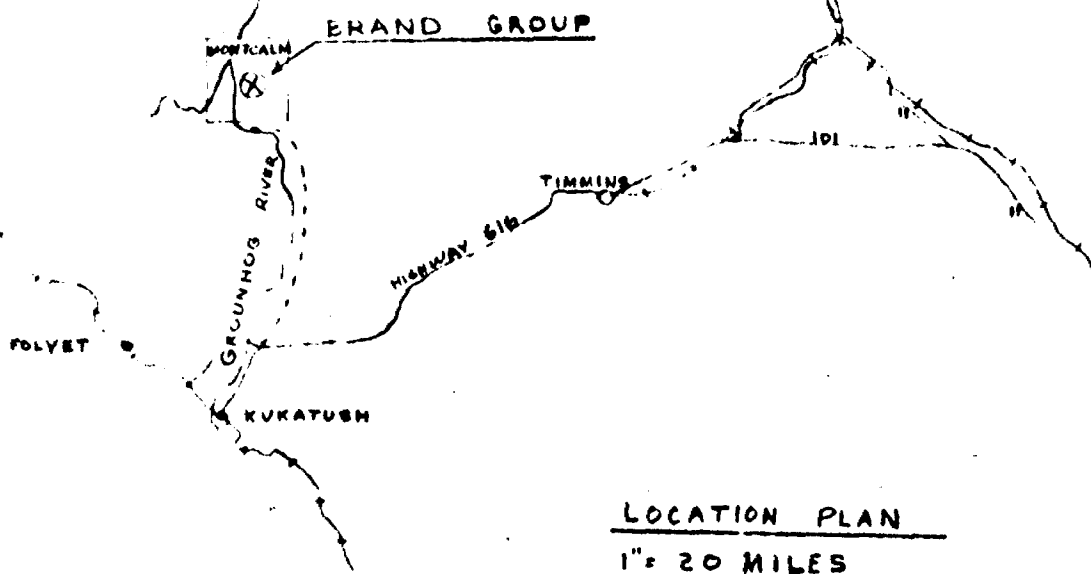
Report No 17

Work performed by: Teck Exploration

Claim No	Hole No	Footage	Date	Note
	1	478'	Feb/59	(1)
	3	439'	Mar/59	(1)
		<u>917</u>		

Notes:

(1) The location of the holes is in the claim group shown in the report.



ASSESSMENT WORK

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BRAND CLAIM GROUP

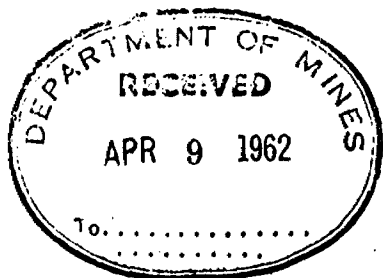
MONTCALM TWP. ONT.

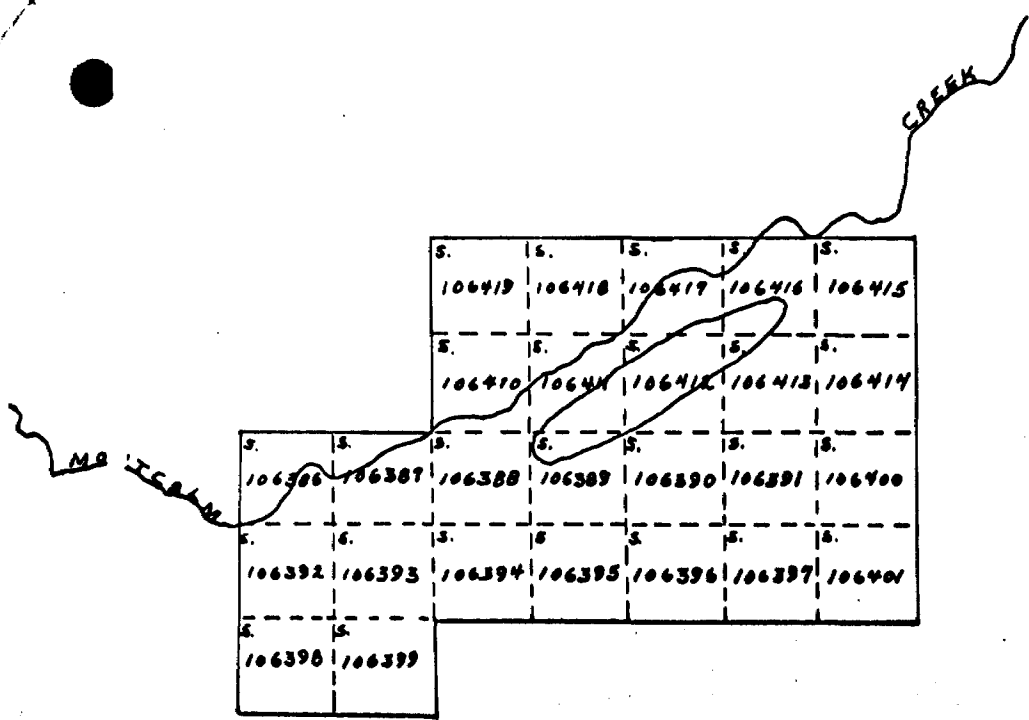
SCALE 1" = 1/2 M SEPT. 1958

Teck Exploration Ltd.



+ CENTRE OF TOWNSHIP



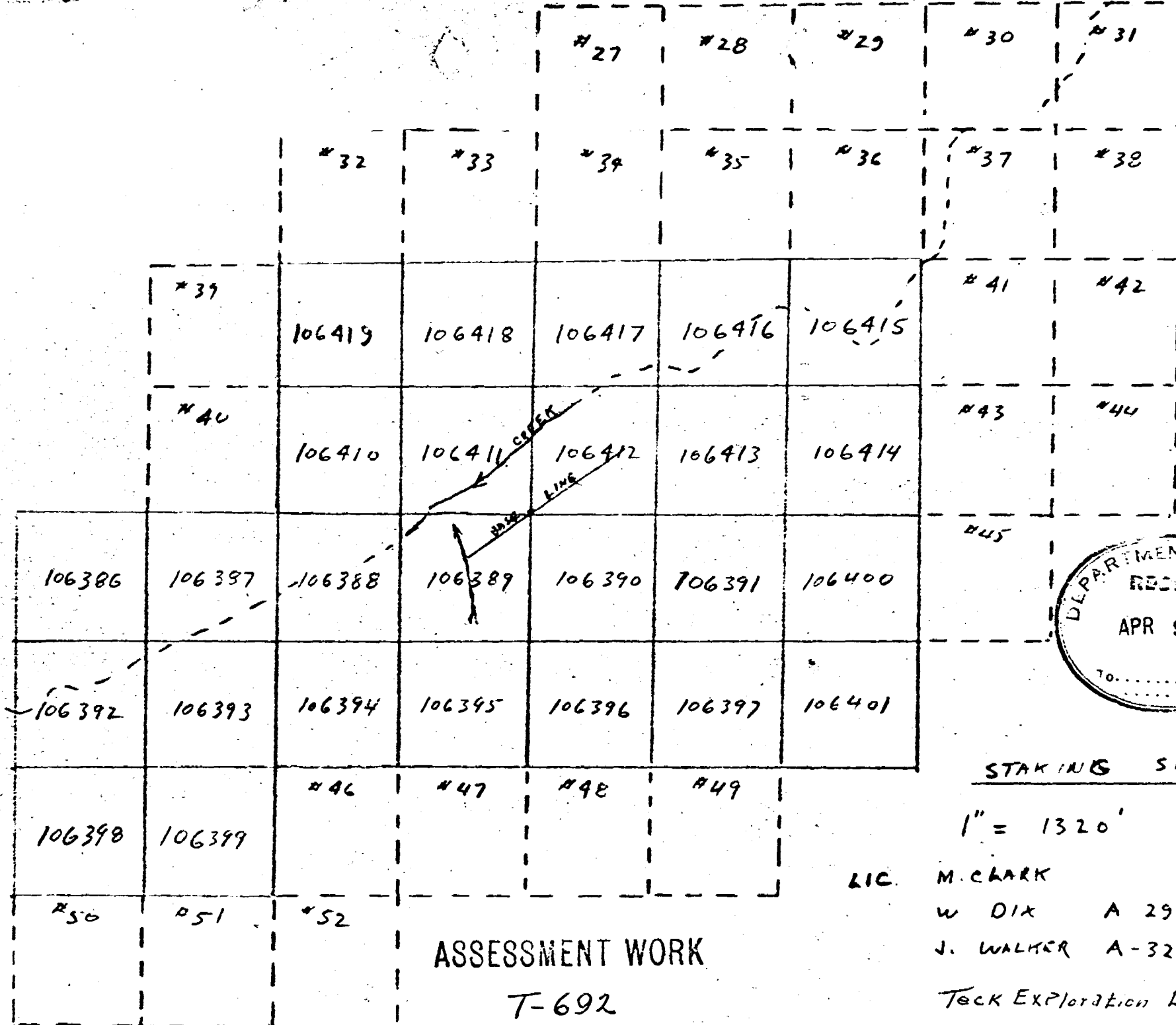


TECK EXPLORATION LTD. (BRAND CLAIM GROUP)

T-692

Montcalm Township

Scale: 1" = 40 CHS.



STAKING SKETCH

1" = 1320'

LIC. M. CHARK
W. DIX A 29661
J. WALKER A-32859
Teck Exploration Ltd.

ASSESSMENT WORK
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MINE BRAND OPTION. *Teck Exploration Ltd.*
 REMARKS
 LEVEL Surface DRILL SIZE COMMENCED 16 Feb. 59.
 LOCATION Montcalm Twp. CORE SIZE COMPLETED 20 Feb. 59.
 Ont.

FOOTAGE
0
200
300

DIAMOND DRILL RECORD

FOOTAGE		DESCRIPTION	% Sul.	No.
FROM	TO			
0.0	78.0	Casing. Clay, no boulders to 74', then 4' in bedrock.		6826
78.00	134.0	Siliceous conglomerate, grey to white, very hard, bedding or cleavage at 45° to core. Contains minor fine pyrite along banding; and as blebs, from 3% to 5% pyrite. Pebbles up to 1" have been squeezed. Several sections have appearance of quartzite.		6827 6828 6829 6830 6831 6832 6833
134.0	261.0	88.0 - 128.0' - 10 - 15% pyrite, very fine. Greywacke, silicified, fine grained, very hard, darker than conglomerate above, otherwise quite similar, some sections with pebbles. Bedding at 40° to core, with sparse pyrite along bedding. Some sections with fine pink garnets. 148.5' - Fracture zone, several angular fragments. 143.0' - Faint cross-bedding. 157.0' - 164.0' - More siliceous, 1-2% pyrite. 182.0' - 183.0' - Very cherty. 186.0' - 1" quartz stringer. 191.0' - Some fine pink garnets. 199.0' - 1/2" quartz stringer with pyrite. 215.0' - Increase in squeezed pebbles. 215.0' - 221.0' - Fine garnets. 222.0' - 1" pyrite and pyrrhotite. 230.0' - 245.0' - Bands and blebs of massive pyrite and pyrrhotite, also bands of magnetite. 245.0' - 254.0' - Magnetite in bands with some pyrite and pyrrhotite. 249.0' - 6" quartz stringer.		6822 6823 6824 6825
261.0	269.0	Quartzite - Iron formation. Stringer very fine magnetite, with some fine pyrite and pyrrhotite. 264.0' - 265.0' - Massive magnetite stringers.		6821
269.0	314.0	Greywacke as above. 274.5' - 275.5' - Four 1/2" quartz stringers. 280.0' - 1" quartz stringer. 288.5' - 1" quartz stringer. 290.0' - 291' - Quartz vein. 294.0' - 299.0' - Several stringers of pyrite on bedding. 300.5' - 302.0' - Porphyritic appearance due to small round and angular pebbles.		6820
314.0	329.0	Quartz diorite, speckled appearance, medium to fine grained, a few cubes of pyrite.		
329.0	336.0	Silicified greywacke as above. Some hazy pebbles and fine garnets.		
336.0	338.5	Quartz diorite as above.		

MINE BRAND GROUP. *Tack Exploration Ltd.*
 REMARKS
 LEVEL Surface DRILL SIZE P-3 COMMENCED 4 Mar. 59.
 LOCATION Montcalm Twp. CORE SIZE AX COMPLETED 7 Mar. 59.
 Ont.

FOOTAGE	DIP
0.0	55°
300.0	53°

DIAMOND DRILL RECORD

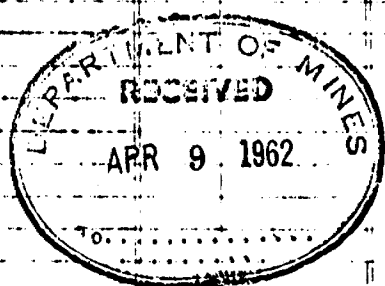
FOOTAGE		DESCRIPTION	%		
FROM	TO		Sul.	No.	From
0.0	75.0	Casing.			
75.0	125.0	Dacite, silicified, (similar to greywacke in hole # 1, but has less lineation). Dark grey, very hard, some porphyritic sections with quartz phenocrysts. A few sections with vesicular hornblende crystals. Very slight lineation about 45° to core. 114.0-115.0' - Lost core. 117.0-118.0' - Lost core.			
125.0	128.0	Felsite, white, fine grained (glassy). Originally a quartz porphyry? A few hard hazy phenocrysts with slight sericitization at 127.5'. Similar to felsite in hole # 1).			
128.0	135.0	Agglomerate, similar to above, silicified, some angular fragments, also phenocrysts. 131.0-134.0' - Disseminated pyrite.			
135.0	165.0	Massive sulphides, mostly pyrite with pyrrhotite and some magnetite.	80	7352	135.0
165.0	169.0	Iron formation, banded magnetite in white quartzite.	80	7353	140.0
169.0	171.0	Massive sulphides, pyrite and pyrrhotite.	80	7354	145.0
171.0	225.0	Dacite as above. 182.0-198.0' - Disseminated pyrite, 2%. 198.0-225.0' - Increase in phenocrysts and spherules.	80	7355	150.0
225.0	269.0	Quartz diorite, (similar to that in hole # 1). Medium grained, grey to white, very hard. Porphyritic in appearance, a few stringers of epidote on fractures 1/16".	80	7356	155.0
269.0	408.0	Dacite, as above, still porphyritic and silicified, very slight lineation differing from the silicified greywacke. 290.0-298.0' - Disseminated pyrite. 284.0-289.0' - Several large spherules. 293.0' - 3" massive pyrite and pyrrhotite. 280.0-281.0' - Lost core. 311.0-326.0' - Increase in phenocrysts, some large spherules. 361.0-363.0' - Lost core. 384.0-385.0' - Lost core. 386.0' - Disseminated pyrite and pyrrhotite, about 2%.	80	7357	160.0
408.0	414.0	Felsite, as above, very hard and glassy, white, some hazy phenocrysts.		7358	165.0
414.0	432.0	Hornblende schist, light and dark bands at 45° to core. Very hard.			
432.0	439.0	Felsite, as above.			
439.0		434.0-435.0' - Lost core. END OF HOLE.			

DIP	AZIMUT	FOOTAGE	DIP	AZIMUTH
55°				
53°				

LATITUDE 280' N of
baseline.
DEPARTURE 14-E
ELEVATION
AZIMUTH - 140°
DIP -55°

HOLE NO. 3
LENGTH 439.0' FEET
SHEET NO. 1.
LOGGED BY A.J.Walker.

SAMPLE			COPPER		ZINC		NICKEL		SILVER		GOLD	
From	To	Length	%	Cum.	%	Cum.	%	Cum.	On % 25	Cum.	On % 25	Cum.
135.0	140.0	5.0)							Nil		Nil	
140.0	145.0	5.0)	Nil		Nil		Nil		Nil		Nil	
145.0	150.0	5.0)							Nil		Nil	
150.0	155.0	5.0)	.05		Nil		Nil		Nil		Nil	
155.0	160.0	5.0)							Nil		Nil	
160.0	165.0	5.0)	Nil				Nil		Nil		Nil	
165.0	170.0	6.0)							Nil		Nil	



ASSESSMENT WORK
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