

REPORT ON OVERBUI



42A05NE8457 2.3085 BRISTOL

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GENERAL STATEMENT:

During the summer of 1979, Bradley Bros. Limited, was contracted to carry out Reverse Circulation Overburden Drilling. During the contract period of August 15th, to September 15th, and specifically on August 24th, to September 13th, excluding August 26th, September 1st, 2nd, 3rd and 9th, they drilled the thirty one holes herein reported in Bristol Township.

The equipment consists of a Longyear 38 drill mounted on a Flextrac FN160 with a three hundred gallon water storage tank and a 125 cubic foot/minute compressor.

The water or a mixture of water and air is pumped down the outer tube of the drill rods and returns up the inner tube with the sample. The samples are collected in five gallon pails. The sample interval is determined by the supervisor logging the stratigraphy.

DEPTH MEASURING PROCEDURE:

A hole is started by peicing together a 30 foot length of drill rod, which when in place has the tri-cone bit resting on the ground surface and the top, where the swivel is attached, is at the top of the tower. When this first length of rods is drilled into the ground to it's full extent, 10 feet of rod is still above ground and 20 feet of rod is measured in the ground. This procedure is continued until 5 feet of bedrock has been drilled. As the rods pass through the different stratigraphic horizons the footage is noted. The footage is easily noted by counting the number of 20 foot sections added and by noting the position of the rods on the tower which has footage markers every two feet.

SAMPLE COLLECTING PROCEDURE:

A five gallon pail is placed under the return hose with a 4-mesh screen on top. The return is constantly examined to determine the type of material, organic, clay, varved clay, silty clay, sand, gravel, basal-till, boulder, or bedrock.

As each horizon is reached the sample bucket is changed and depending on the type of sample it is either discarded or placed in a heavy plastic bag for treatment in the laboratory. Sample interval is decided by the supervisor on the drill and is usually at 5 to 10 foot intervals when in the same material or at odd intervals when there is a stratigraphic change.

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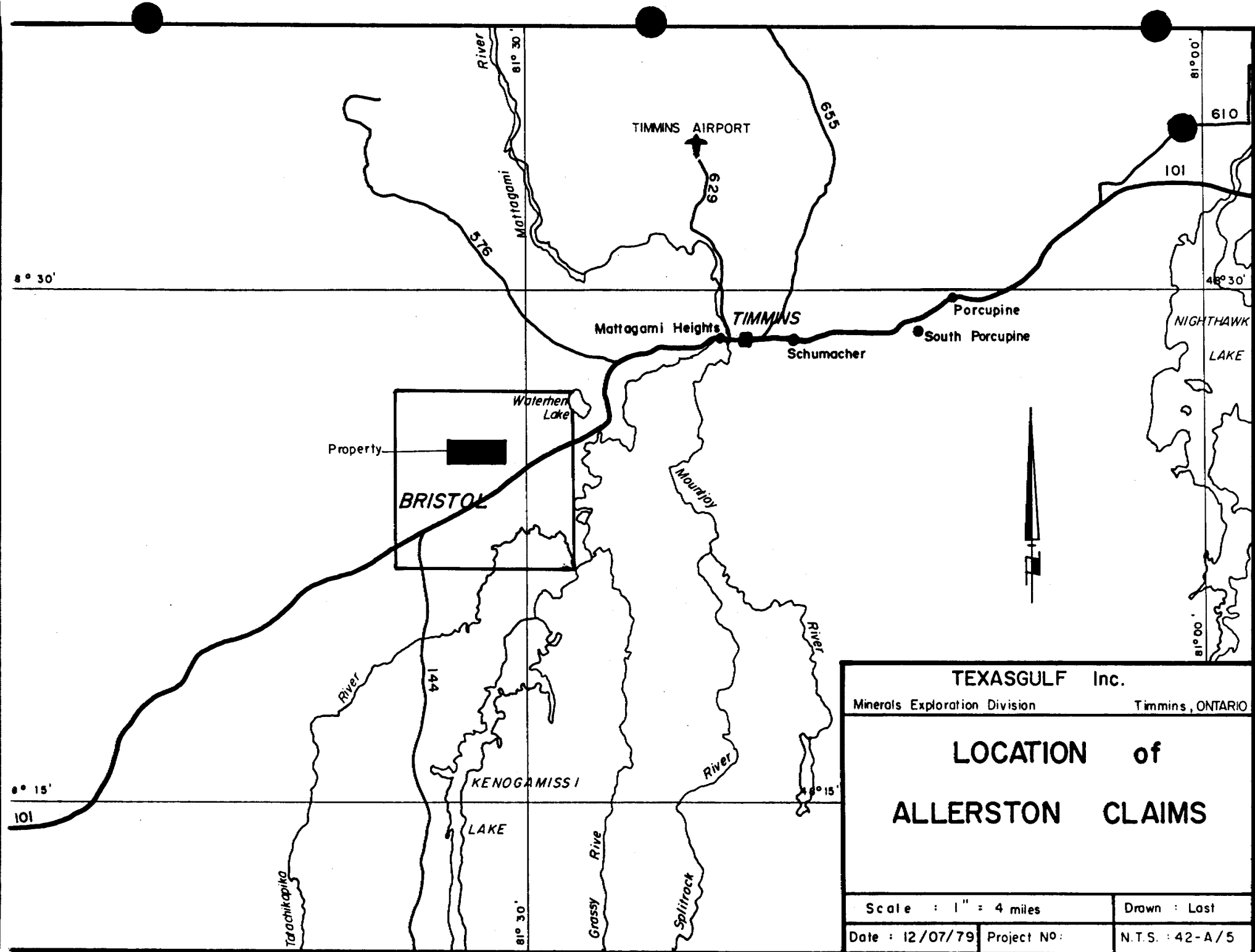
(Qualification
22817)

SUMMARY OF WORK

Total footage drilled during invoice period - August 16th, to August 31st, 1979	1,961 feet
September 1st, to September 15th, 1979	1,268 feet
Total cost of drilling as per invoices - August 16th, to August 31st, 1979	20,161.62
September 1st, to September 15th, 1979	14,717.50
Cost per foot - August 16th, to August 31st, 1979	10.28/f
September 1st, to September 15th, 1979	11.61/f
Total Footage submitted - August 16th, to August 31st, 1979	1,260 ft.
September 1st, to September 15th, 1979	1,146 ft.
Cost of Supervisor plus Sampler	150.00/day
1) Cost of Reverse Circulation Drilling Claim	
1,260 ft. X \$10.28 per ft.	12,952.80
1,146 ft. X \$11.61 per ft.	13,305.06
2) Cost of Supervisor and Sampler for 16 days @ \$150.00 per day	2,400.00
Total Claim	28,657.86

Days Claimed @ \$15.00 per day = 1,911 days

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PROJECT Allerston Option DATE August 24, 1979
 TOWNSHIP Bristol Twp LOT CON SAMPLER Mark McCormick
 Line 20E; 1500S

Graphic Log	Sample No.	REMARKS
		Humus
	H-79-120A	Gritty Buff Clay, Sand & Gravel Till
	H-79-120B	Gritty Grey Clay, Sand & Gravel Till
	H-79-120C	Gritty Grey Clay, Sand & Gravel Till
	H-79-120D	Gritty Grey Clay, Sand & Gravel Till
25	H-79-120E	Gritty Grey Clay, Sand & Gravel Till
10.6		Sand & Gravel Till With Minor Clay
11.9	H-79-120F	No Reutr n
12.1		Sand & Gravel Till With Minor Clay
12.3		Sand & Gravel Till With Minor Clay
	H-79-120G	Sand & Gravel Till With Minor Clay
16.7	H-79-120H	Sand & Gravel Till With Minor Clay
19.3	H-79-120I	Sand & Gravel Till With Minor Clay
31.4		BEDROCK
31.6		BEDROCK
32.2		BEDROCK

H-79-120
Line 20E; 1500S

PROJECT Wallerston Option DATE August 24, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 20E; 1100S

Graphic Log	Sample No.	REMARKS
		No Return
12 17 22	H-79-121A	Gritty Buff Clay, Sand & Gravel Till Gritty Grey Clay, Sand & Gravel Till
30	H-79-121B	Gritty Grey Clay, Sand & Gravel Till
35 37		No Return
40	H-79-121C	Sand & Gravel and Clay Till
42	H-79-121D	Sand & Gravel and Clay Till
100	H-79-121E	Sand & Gravel Till With Minor Clay
121	H-79-121F	Sand & Silt
160	H-79-121G	Poor Return - Probably Very Fine Silt
192	H-79-121H	Sand & Gravel & Silt Till
216	H-79-121I	Sand & Gravel Till
271		
340		BEDROCK - <i>tan to staining</i> <i>interbedded sulphides</i> <i>mafic intrusions</i>

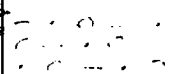

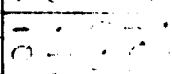
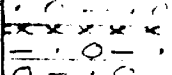

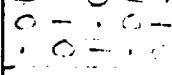
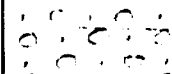



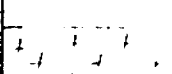

H-79-121
Line 20E; 1100S

PROJECT Allerston Option DATE August 24, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 20E; 900S

Graphic Log	Sample No.	REMARKS
x x x x x	H-79-122A	Hammers Boulder Clay, Sand & Gravel Till
	H-79-122B	Clay, Sand & Gravel Till
	H-79-122C	Clay, Sand & Gravel Till
	H-79-122D	Clay, Sand & Gravel Till
+ + + + +		BEDROCK -

H-79-122
 Line 20E; 900S

PROJECT Allerston Option DATE August 24 & 25, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 16E; 1500S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-123A	Buff Clay, Sand & Gravel Till
	H-79-123B	Buff Clay, Sand & Gravel Till
	H-79-123C	Buff Clay, Sand & Gravel Till
	H-79-123D	Granite Boulder Grey Gritty Clay, Sand & Gravel Till
		August 25, 1979
	H-79-123E	Dark Brown Gritty Clay With Sand & Gravel Till
	H-79-123F	Sand & Gravel Till
	H-79-123G	Silt
	H-79-123H	Silt
		
		
		
		
		BEDROCK <i>lightly to medium water bearing carbonated - disseminated sulphides</i>

H-79-123
Line 16E; 1500S

PROJECT Allerston Option DATE August 25, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line12E; 1500S

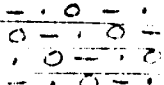
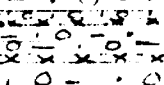
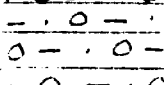
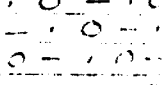
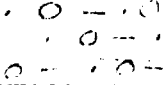
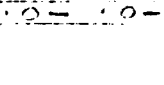
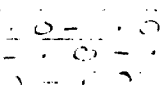

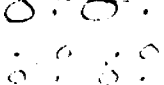
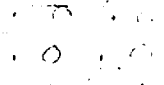
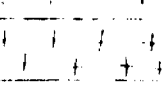
Graphic Log	Sample No.	REMARKS
		No Return
3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0 15.5 16.0 16.5 17.0 17.5 18.0 18.5 19.0 19.5 20.0 20.5 21.0 21.5 22.0 22.5 23.0 23.5 24.0 24.5 25.0 25.5 26.0 26.5 27.0 27.5 28.0 28.5 29.0 29.5 30.0	H-79-124A } Grey Gritty Clay, Sand & Gravel Till Rhyolite Boulder Rhyolite Boulder Boulder - Disseminated Sulphides - Mafic Volcanic H-79-124B } Grey Gritty Clay With Sand & Gravel Till H-79-124C } Grey Gritty Clay With Sand & Gravel Till H-79-124D } Sand & Gravel Till With Dark Brown Gritty Clay H-79-124E } Grey Gritty Clay With Sand & Gravel Till H-79-124F } Grey Gritty Clay With Sand & Gravel Till BEDROCK	

H-79-124

Line12E; 1500S

Analysis (H. M.)

PROJECT Allerston Option DATE August 25, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 12E; 1700S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-125A	Grey Gritty Clay With Sand & Gravel Till
	H-79-125B	Sand & Gravel Till Granite Boulder Grey Gritty Clay With Sand & Gravel Till Rhyolite Boulder
	H-79-125C	Sand & Gravel Till With Grey Gritty Clay
	H-79-125D	Sand & Gravel Till With Grey Gritty Clay
	H-79-125E	Sand & Gravel Till With Grey Gritty Clay
	H-79-125F	Sand & Gravel Till With Grey Gritty Clay
	H-79-125G	No Return
		Sand & Gravel Till - Coarse
	H-79-125G	Coarse Sand & Gravel Till
	H-79-125H	Sand & Gravel and Silt Till
	H-79-125I	Sand & Gravel and Silt Till
		BEDROCK

H-79-125

Line 12E; 1700S

PROJECT Allerston Option DATE August 27, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 8E; 1900S

Graphic Log	Sample No.	REMARKS
		No Return
1.2		Grey Gritty Clay With Sand & Gravel Till
3.4	H-79-126A	Rhyolite Boulder With Disseminated Sulphides
3.5		Grey Gritty Clay With Sand & Gravel Till
3.6		Grey Gritty Clay With Sand & Gravel Till
3.9	H-79-126B	Granite Boulder
3.9		Grey Gritty Clay With Sand & Gravel Till
4.4	H-79-126C	Grey Gritty Clay With Sand & Gravel Till
2.1	H-79-126D	Sand & Gravel & Boulder Till - Pieces of drill bit in return - very hard
11.0	H-79-126E	Coarse Sand & Gravel Till
12.1	H-79-126F	Coarse Sand & Gravel Till
14.1		BEDROCK
17.2		<i>Handwritten notes:</i> - ... - ... - ... - ... - ...

H-79-126
 Line 8E; 1900S

PROJECT Allerston Option DATE August 27, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 8E; 1500S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-128A	Grey Gritty Clay With Sand & Gravel Till
	H-79-128B	Grey Gritty Clay With Sand & Gravel Till
		Rhyolite Boulder - Disseminated Pyrite
	H-79-128C	Grey Gritty Clay, Sand & Gravel Till
		Andesite Boulder
	H-79-128D	Grey Gritty Clay, Sand & Gravel Till
		Silty Grey Clay
		BEDROCK - <i>basalt</i>

H-79-128
Line 8E; 1500S

PROJECT Allerston Option DATE August 28, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 12W; 1700S

Graphic Log	Sample No.	REMARKS
		No Return
11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0 15.5 16.0 16.5 17.0 17.5 18.0 18.5 19.0 19.5 20.0	H-79-129A	Buff Gritty Clay With Sand & Gravel Till - Clay Becomes Grey At 10'
	H-79-129B	Grey Gritty Clay With Sand & Gravel Till
	H-79-129C	Grey Gritty Clay With Sand & Gravel Till
	H-79-129D	Grey Gritty Clay With Sand & Gravel Till
	H-79-129E	Grey Gritty Clay With Sand & Gravel Till
	H-79-129F	Grey Gritty Clay With Minor Sand & Gravel Till
		Rhyolite Boulder Granite Boulder
		Grey Gritty Clay With Minor Sand & Gravel Till
		BEDROCK

H-79-129
Line 12W; 1700S

PROJECT Allerton Option DATE August 28, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick

Graphic Log	Sample No.	REMARKS
		No Return
9.4	H-79-130A	Grey Gritty Clay With Sand & Gravel Till
14.5	H-79-130B	Grey Gritty Clay With Sand & Gravel Till
16	H-79-130C	Grey Gritty Clay With Sand & Gravel Till
10.6	H-79-130D	Clay Diminishing, Sand & Gravel Till
13.1	H-79-130E	Sand & Gravel Till With Minor Clay - Coarser Chips
15.5	H-79-130F	Clay Content Increases; Sand & Gravel Till Clay ~80% at 55'
17.9	H-79-130G	Grey Gritty Clay ~80% With Sand & Gravel Till Clay Diminishes ~30% at 63'
20.4	H-79-130H	Green Gritty Clay ~70% With Sand & Gravel Till
22.8	H-79-130I	Sand & Gravel Till With Gritty Green Clay ~70%
25.2	H79-130J	Sand & Gravel Till
25.6		Andesite Boulder
25.9		Sand & Gravel Till
26.5		BEDROCK <i>alluvial boulder conglomerate in situ</i>
28.2		

H-79-130
Line 16W; 1700S

PROJECT Allerston Option DATE August 29, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick
 Line 16W; 1300S

Graphic Log	Sample No.	REMARKS
		No Return
12.5 13.0 13.5 14.0 14.5 15.0 15.5 16.0 16.5 17.0 17.5 18.0 18.5 19.0 19.5 20.0 20.5 21.0 21.5 22.0 22.5 23.0 23.5 24.0 24.5 25.0 25.5	H-79-132A H-79-132B H-79-132C H-79-132D H-79-132E H-79-132F H-79-132G H-79-132H H-79-132I	Grey Gritty Clay With Sand & Gravel Till Grey Gritty Clay With Sand & Gravel Till Greenstone Boulder Grey Gritty Clay With Sand & Gravel Till Sand & Gravel Till With Varying Proportions of Grey Gritty Clay Sand & Gravel Till Greenstone Boulder Sand & Gravel Till Sand & Gravel Till Sand & Gravel Till With Varying Proportions of Grey Gritty Clay Sand & Gravel Till With Varying Proportions of Grey Gritty Clay Sand & Gravel Till With Varying Proportions of Grey Gritty Clay Sand & Gravel Till With Varying Proportions of Grey Gritty Clay
		BEDROCK - <i>All red to pink volcanic breccia staining</i>

H-79-132
 Line 16W; 1300S

PROJECT Allerston Option DATE August 29-30, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mark McCormick

Graphic Log	Sample No.	REMARKS
		No Return - Hit a Boulder That Totalled The Bit
33.0	H-79-133A	Grey Gritty Clay With Sand & Gravel Till Granite Boulder (Poor Return)
33.2	H-79-133B	Grey Gritty Clay With Sand & Gravel Till
33.4	H-79-133C	Grey Gritty Clay With Sand & Gravel Till
33.6	H-79-133D	Grey Gritty Clay With Sand & Gravel Till
33.8	H-79-133E	Grey Gritty Clay With Sand & Gravel Till
34.0	H-79-133F	Grey Gritty Clay With Sand & Gravel Till
34.2	H-79-133G	Grey Gritty Clay With Sand & Gravel Till
34.4	H-79-133H	Grey Gritty Clay With Sand & Gravel Till
34.6		August 30, 1979
34.7		Rhyolite Boulder
34.8	H-79-133I	Grey Silty Clay Till
34.9	H-79-133J	Grey Silty Clay Till
35.0	H-79-133K	Grey Silty Clay Till
35.1		Diabase Boulder
35.2	H-79-133L	Grey Silty Clay Till
35.3		BEDROCK - <i>altered - green clay</i>
35.4		BEDROCK - <i>altered - green clay</i>
35.5		<i>clay - 40 steps</i>
35.6		
35.7		
35.8		
35.9		

H-79-133
Line 20W, 1800S

PROJECT Allerston Option DATE August 30, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel

Graphic Log	Sample No.	REMARKS
		No Return
2.4	H-79-134A	Grey Silty Clay Till - Some Pebbles (10%) Trace of Sand
5.1		
6.4		Rhyolite Boulder
7.2	H-79-134B	Grey Silty Clay With Some Sand
10.6		Grey Pebbly Silty Sand Till - Poor Return
13.4	H-79-134C	Grey Pebbly Silty Sand Till
16.1	H-79-134D	Grey Pebbly Silty Sand Till
19.7	H-79-134E	Grey Pebbly Silty Sand Till
21.6	H-79-134F	Grey Pebbly Silty Sand Till
24.0	H-79-134G	Sandy Gravel
27.1	H-79-134H	Grey Pebbly Silty Sand Till
30.1	H-79-134I	Grey Pebbly Silty Sand Till
30.7		BEDROCK <i>Dark grey altered</i>
32.6		BEDROCK <i>Microitic stained M. talpocoma - very soft chips and shales</i>

H-79-134
Line 20W; 20+00S

PROJECT Allerston Option DATE Aug 3/79 and Sept. 4/79
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel
 Line 28W; 18+00S

Graphic Log	Sample No.	REMARKS
		No Return
22.5 23.0 23.5	H-79-136A	Buff Pebbly Clay Till Some Sand Grey Pebbly Silty Sand Till
23.5 24.0	H-79-136B	Grey Pebbly Silty Clay Till
24.0 24.5 25.0	H-79-136C	Grey Pebbly Silty Clay Till
25.0 25.5 26.0	H-79-136D	Grey Pebbly Silty Clay Till
26.0 26.5 27.0	H-79-136E	Grey Pebbly Silty Clay Till
27.0 27.5 28.0	H-79-136F	Grey Pebbly Silty Clay Till
28.0 28.5 29.0	H-79-136G	Grey Pebbly Silty Clay Till
29.0 29.5 30.0	H-79-136H	Grey Pebbly Silty Clay Till
30.0 30.5 31.0	H-79-136I	Grey Pebbly Silty Clay Till
31.0 31.5 32.0	H-79-136J	Grey-Green Silty Clay Till
32.0 32.5 33.0	H-79-136K	Grey-Green Silty Clay Till
33.0 33.5 34.0		Gravel
34.0 34.5 35.0		BEDROCK - <i>see log</i> <i>see log</i>

H-79-136
Line 28W; 18+00S

PROJECT Allerston Option DATE Sept. 4/79
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel
 Line 36W; 14+00S

Graphic Log	Sample No.	REMARKS
		No Return (Organics)
	H-79-137A	Grey Pebbly Silty Clay Till Gravel Seam
	H-79-137B	Grey Pebbly Silty Clay Till
	H-79-137C	Grey Pebbly Silty Clay Till
	H-79-137D	Grey Pebbly Silty Sand Till
	H-79-137E	Grey Pebbly Silty Sand Till
	H-79-137F	Grey Pebbly Silty Sand Till
	H-79-137G	Grey Pebbly Silty Sand Till
	H-79-137H	Grey Pebbly Silty Sand Till
	H-79-137I	Grey Pebbly Silty Sand Till Gravel
		BEDROCK - <i>... ..</i>

H-79-137
Line 36W; 14+00S

PROJECT Allerston Option DATE Sept. 5/79

TOWNSHIP Bristol LOT CON SAMPLER Bill Ouesnel

Line 36W; 10+00S

Graphic Log	Sample No.	REMARKS
		No Return (Organics)
	H-79-138A	Grey Silty Clay Till - Trace of Sand
	H-79-138B	Grey Silty Clay Till - Trace of Sand
	H-79-138C	Grey Silty Sand Till
		BEDROCK - <i>horizontal stained grey shale (sandstone)</i>

H-79-138

Line 38W; 10+00S

Analysis (H. M.)

PROJECT Allerston Option DATE Sept. 5/79
 TOWNSHIP Bristol LOT CON SAMPLER Bill Ouesnel
 Line 36W; 8+00S

Graphic Log	Sample No.	REMARKS
		Organics
	H-79-139A	Grey Silty Clay Till
	H-79-139B	Grey Silty Clay Till
		Diabase Boulder Grey Silty Clay Till
	H-79-139C	Gravel
		Boulder Till
		BEDROCK - <i>Lower to Stained Gabbro with (Lobintose) Quartz Veins</i>

H-79-139
Line 36W; 8+00S

PROJECT Allerston Option DATE Sept 5/79
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel
 Line 36W; 6+00S

Graphic Log	Sample No.	REMARKS
	H-79-140A	No Return (Organics) Grey Silty Clay Till Gravel BEDROCK - <i>quartzite, limonite stained silty (shale - bedrock)</i> <i>5-7' thin - Phylite (Schistose) staining ... because of ...</i>

H-79-140
 Line 36W; 6+00S

PROJECT Allerston Option DATE Sept. 5/79
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel
 Line 40W; 11+50S

Graphic Log	Sample No.	REMARKS
		<p>No Return (Organics)</p> <p>BEDROCK</p> <p><i>bedrock - shaly</i></p> <p><i>shaly - bedrock</i></p> <p><i>shaly - bedrock with</i></p> <p><i>shaly - bedrock</i></p>

H-79-141
 Line 40W; 11+50S

Analysis (H. M.)

PROJECT Allerston Option DATE Sept. 6/79
 TOWNSHIP Bristol LOT CON SAMPLER Mike Martel
 Line 40W; 14+00S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-142A	80% Grey Silty Clay - 20% Pebbly Till
	H-79-142B	80% Grey Silty Clay - 20% Pebbly Till Rhyolite Boulder
	H-79-142C	80% Grey Silty Clay - 20% Pebbly Till 80% Grey Silty Clay - 20% Pebbly Till
	H-79-142D	80% Grey Silty Clay - 20% Pebbly Till Granite Boulder
		60% Grey Silty Clay - 40% Gravel Till
		60% Grey Silty Clay - 40% Gravel Till
		60% Grey Silty Clay - 40% Gravel Till
		Rhyolite Boulder
	H-79-142F	Grey Silty Clay 70% - 30% Pebbly Till
	H-79-142G	Grey Silty Clay 70% - 30% Pebbly Till Rhyolite Boulder
	H-79-142H	Grey Silty Clay 50% - 50% Pebbly Till
	H-79-142I	Grey Silty Clay 50% - 50% Pebbly Till Grey Silty Clay 50% - 50% Pebbly Till Rhyolite Boulder
	H-79-142J	Sand Till
	H-79-142K	Gravel Till
	H-79-142L	Gravel Till
	H-79-142M	Gravel Till
		BEDROCK -

H-79-142
Line 40W; 14+00S

PROJECT Allerston Option DATE Sept. 7/8, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mike Martel
 Line 40W; 16+00S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-143A	Grey Silty Clay (90%) Gravel Till (10%)
	H-79-143B	Grey Silty Clay (90%) Gravel Till (10%)
	H-79-143C	Grey Silty Clay (70%) Pebbly Till (30%)
	H-79-143D	Grey Silty Clay (70%) Pebbly Till (30%)
	H-79-143E	Pebbly Till
	H-79-143F	Grey Silty Clay (90%) Gravel Till (10%)
	H-79-143G	Grey Silty Clay (90%) Gravel Till (10%)
	H-79-143H	Grey Silty Clay (90%) Gravel Till (10%)
	H-79-143I	Grey Silty Clay (90%) Gravel Till (10%) - 7/9/79
	H-79-143J	Grey Silty Clay (90%) Gravel Till (10%)
	H-79-143K	Grey Silty Clay (90%) Gravel Till (10%) Rhyolite Boulder
	H-79-143L	Grey Silty Clay - Minor Gravel Grey Silty Clay - Minor Gravel
		Green Silty Clay
		BEDROCK - <i>Rhyolite</i>

H-79-143
 Line 40W; 16+00S

PROJECT Allerston Option DATE Sept. 7/8, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mike Martel

Line 44W; 15+00S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-144A	Brown Oxidized Clay 60% - Gravel Till 40%
	H-79-144B	Grey Silty Clay 60% - Gravel Till 40%
	H-79-144C	Grey Silty Clay 60% - Gravel Till 40%
	H-79-144D	Grey Silty Clay 60% - Gravel Till 40%
	H-79-144E	Grey Silty Clay 60% - Gravel Till 40%
	H-79-144F	Grey Silty Clay 60% - Gravel Till 40%
	H-79-144G	Grey Silty Clay 40% - Gravel Till 60%
	H-79-144H	Grey Silty Clay 40% - Gravel Till 60%
	H-79-144I	Grey Silty Clay 40% - Gravel Till 60%
	H-79-144J	Grey Silty Clay 70% - Gravel Till 30%
	H-79-144K	Grey Silty Clay 70% - Gravel Till 30% Rhyolite Boulder Pebbly Till Minor Clay
	H-79-144L	Grey Silty Clay 80% - Gravel Till 20%
	H-79-144M	Grey Silty Clay With Minor Gravel
	H-79-144N	Grey Silty Clay With Minor Gravel
	H-79-144O	Grey Silty Clay With Minor Gravel
	H-79-144P	Grey Silty Clay With Minor Gravel
	H-79-144Q	Grey Silty Clay With Minor Gravel
		BEDROCK - <i>Grey Silty Clay with minor Gravel Brown Rhyolite alluvial (Boulders) Rhyolite</i>

H-79-144

Line 44W; 15+00S

PROJECT Allerston Option DATE Sept 10, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel

Graphic Log	Sample No.	REMARKS
		No Return (Organics)
		Buff Pebbly Silty Sand Till
	H-79-145A	Grey Pebbly Silty Sand Till
	H-79-145B	Grey Silty Clay Till - Some Boulders 20%
	H-79-145C	Grey Silty Clay Till - Some Boulder 20%
	H-79-145D	Grey Pebbly Sandy Till Diabase Boulder
	H-79-145E	Grey Pebbly Sandy Till - Trace Silt
	H-79-145F	Grey Pebbly Sandy Till - Trace Silt
		Grey Silty Clay Till with Some Green Clay Seams
		BEDROCK - <i>kyanite</i> <i>slightly foliated</i>

H-79-145

Line 44W; 11+00S

Analysis (H. M.)

PROJECT Allerston Option DATE Sept. 10/11, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Bill Quesnel
 Line 48W; 12+50S

Graphic Log	Sample No.	REMARKS
		No Return (Sand)
	H-79-146A	Buff Pebbly Sandy Till
	H-79-146B	Grey Silty Sand Till - Some Pebbles
	H-79-146C	Grey Pebbly Sand Till
	H-79-147D	Grey Silty Sand Till - Trace of Clay
	H-79-146E	Grey Silty Sand Till - Trace of Clay
		Diabase Boulder Grey Clay Diabase Boulder Rhyolite Boulder Grey Clay Mafic Volcanic Boulder
	H-79-146F	Hard Dark Grey Clay Till
	H-79-146G	Hard Dark Grey Clay Till
		Hard Dark Grey Clay Till
	H-79-146H	Grey Pebbly Silty Clay Till
		Green Clay BEDROCK -

H-79-146
Line 48W; 12+50S

Analysis (H. M.)

PROJECT Allerston Option DATE Sept. 12, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mike Martel
 Line 48W; 16+50S

Graphic Log	Sample No.	REMARKS
		No Return
		Grey Silty Clay and Gravel Till
	H-79-148A	No Return Rhyolite Boulder
	H-79-148B	Grey Silty Clay and Gravel Till Rhyolite Boulder Grey Silty Clay 60% - Gravel Till 40% Granite Boulder
	H-79-148C	Grey Silty Clay 80% - Gravel Till 20% Rhyolite Boulder
	H-79-148D	Grey Silty Clay 50% - Gravel Till 50%
	H-79-148E	Sand & Gravel Till
	H-79-148F	Grey Silty Clay 90% - Gravel Till 10%
	H-79-148G	Grey Silty Clay 90% - Gravel Till 10%
	H-79-148H	Grey Silty Clay 90% - Gravel Till 10%
	H-79-148I	Grey Silty Clay 90% - Gravel Till 10%
	H-79-148J	Grey Silty Clay 90% - Gravel Till 10%
	H-79-148K	Grey Silty Clay 90% - Gravel Till 10%
	H-79-148L	Sand, Gravel and Clay Till
	H-79-148M	Sand, Gravel and Clay Till
	H-79-148N	Grey Silty Clay 80% - Gravel Till 20%
	H-79-148O	Grey Silty Clay 80% - Gravel Till 20%
	H-79-148P	Grey Silty Clay and Gravel Till
	H-79-148Q	Green Silty Clay
	H-79-148R	Gravel Till Altered Rhyolite Boulder Green Silty Clay - Grey Silty Clay - Gravel Till Grey Silty Clay 80% - Gravel Till 20% Varved Clay
		Grey and Green Silty Clay 70% - Gravel Till 30%
		Limonitic Stained Clay
		BEDROCK -

H-79-148
Line 48W; 16+50S

PROJECT Allerston Option DATE September 13, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mike Martel
 Line 40W, 20+00S

Graphic Log	Sample No.	REMARKS
		No Return
		Rhyolite Boulder
		No Return
36 ----- 38 ----- 40 ----- 42 ----- 44 ----- 46 ----- 48 ----- 50 ----- 52 ----- 54 ----- 56 ----- 58 ----- 60 ----- 62 ----- 64 ----- 66 ----- 68 ----- 70 ----- 72 ----- 74 ----- 76 ----- 78 ----- 80 ----- 82 ----- 84 ----- 86 ----- 88 ----- 90 ----- 92 ----- 94 ----- 96 ----- 98 ----- 100 -----	H-79-149A	Grey Silty Clay 80% - Gravel Till 20%
	H-79-149B	Grey Silty Clay 80% - Gravel Till 20%
	H-79-149C	Grey Silty Clay 80% - Gravel Till 20%
	H-79-149D	Grey Silty Clay 80% - Gravel Till 20%
	H-79-149E	Grey Silty Clay 80% - Gravel Till 20%
	H-79-149F	Grey Silty Clay
	H-79-149G	Grey Silty Clay Green Clay BEDROCK -

H-79-149
Line 40W; 20+00S

PROJECT Allerston Option DATE September 13, 1979
 TOWNSHIP Bristol LOT CON SAMPLER Mike Martel
 Line 40W; 24+00S

Graphic Log	Sample No.	REMARKS
		No Return
	H-79-150A	Brown Silty Clay and Gravel Till
	H-79-150B	Grey Silty Clay 80% - Gravel Till 20%
	H-79-150C	Grey Silty Clay 80% - Gravel Till 20%
	H-79-150D	Grey Silty Clay 50% - Gravel Till 50% Grey Silty Clay
	H-79-150E	Grey Silty Clay With Minor Gravel
	H-79-150F	Grey Silty Clay With Minor Gravel
	H-79-150G	Grey Silty Clay With Minor Gravel
	H-79-150H	Grey Silty Clay 80% - Gravel Till 20%
	H-79-150I	Grey Silty Clay 70% - Gravel Till 30%
		BEDROCK -

H-79-150
Line 40W; 24+00S

Godfrey Twp. - M.284

2.3085

THE TOWNSHIP OF

BRISTOL

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

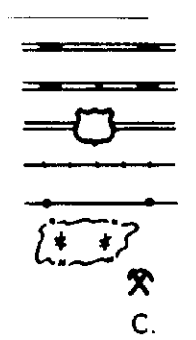
SCALE: 1-INCH = 40 CHAINS

DISPOSITION OF CROWN LANDS

- PATENT, SURFACE AND MINING RIGHTS ●
- " , SURFACE RIGHTS ONLY ○
- " , MINING RIGHTS ONLY ◐
- LEASE, SURFACE AND MINING RIGHTS ■
- " , SURFACE RIGHTS ONLY ▨
- " , MINING RIGHTS ONLY ▩
- LICENCE OF OCCUPATION ▼

ROADS

- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKIE
- MINES
- CANCELLED



NOTES

400' Surface Rights Reservation along the shores of all lakes & rivers

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970).

Order No.	File	Date	Disposition
①	164584		Surface Rights Only.

DATE OF ISSUE
NOV - 7 1979
SURVEYS AND MAPPING
BRANCH

This township lies within the Municipality of the CITY of TIMMINS.

PLAN NO. M-264

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

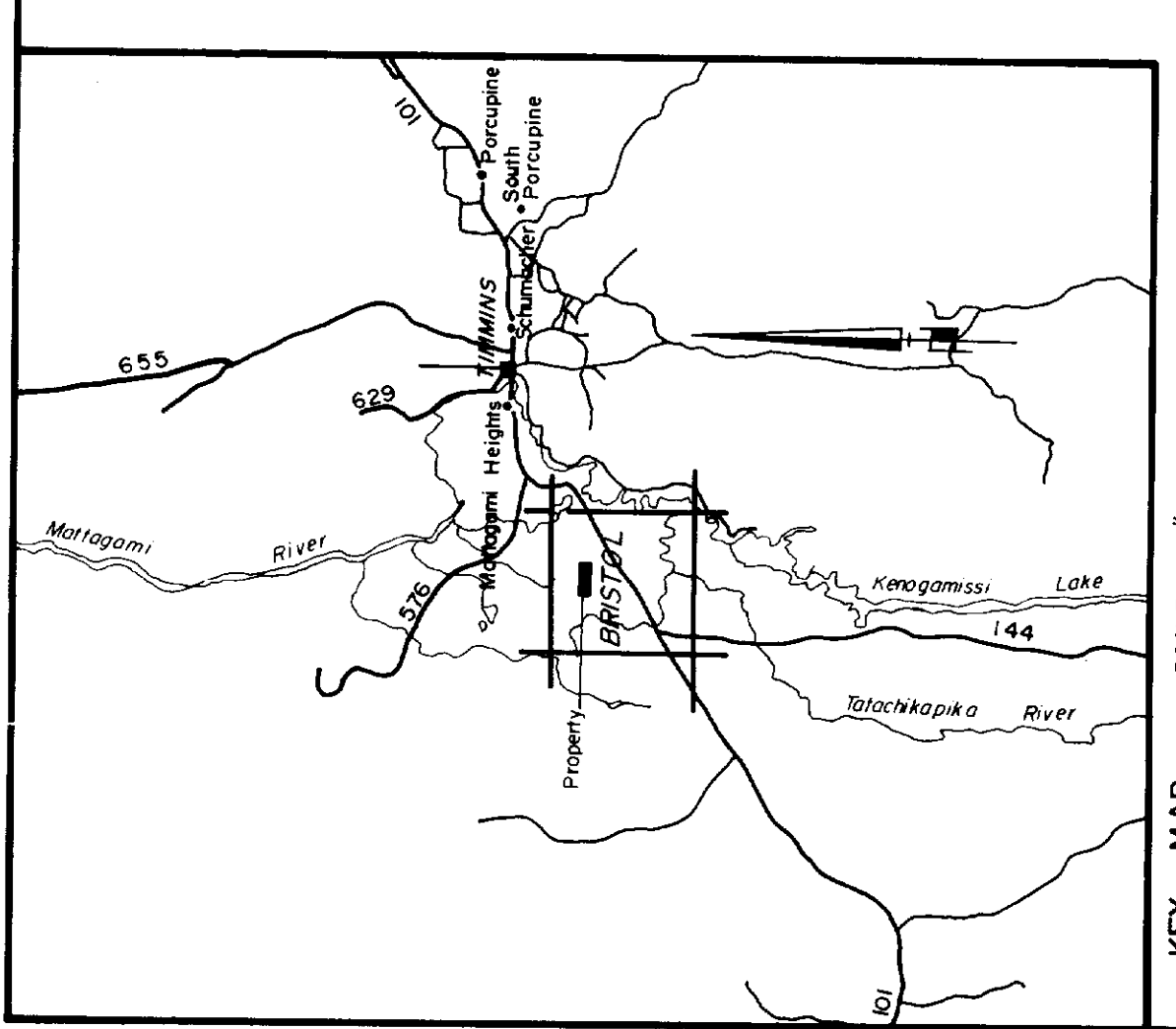
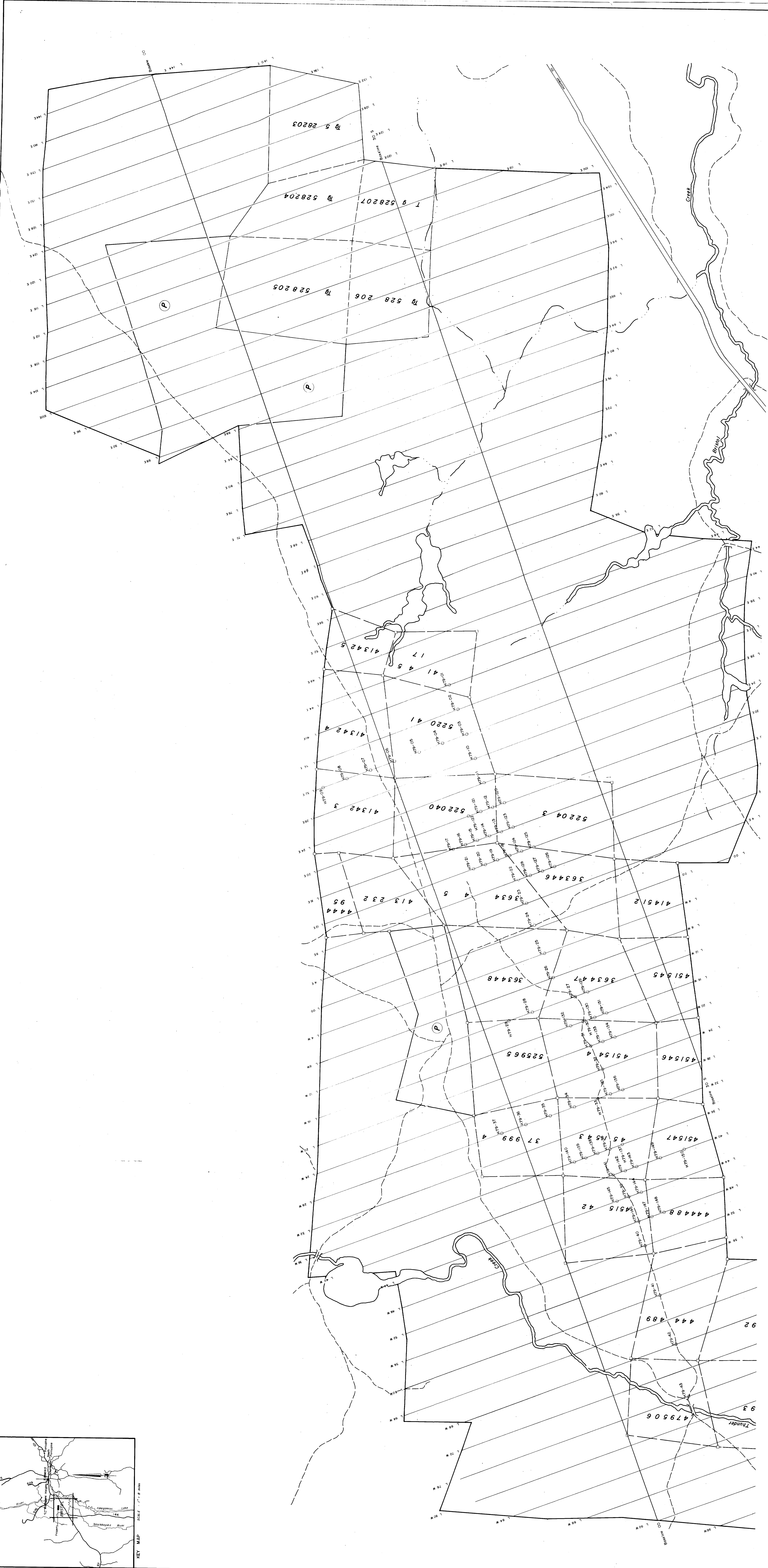
Carscallen Twp. - M.267

Ogden Twp. - M.305

Thorneloe Twp. - M.313



42A25NE8457 2.3085 BRISTOL



KEY MAP
SCALE 1:100,000

