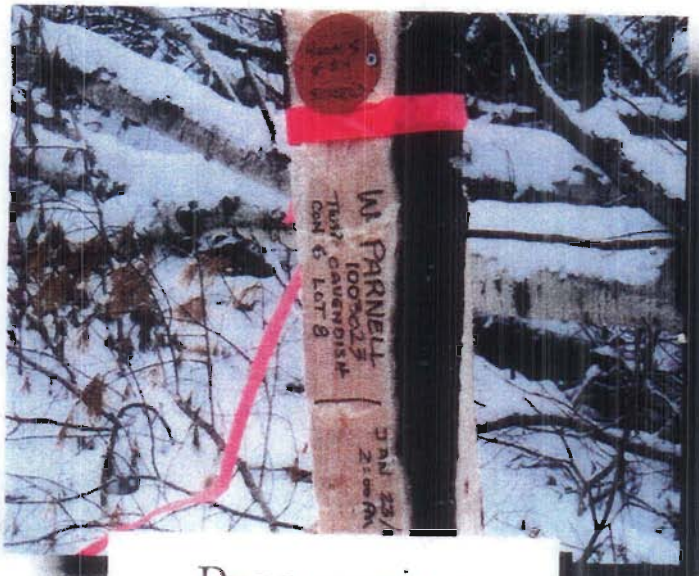
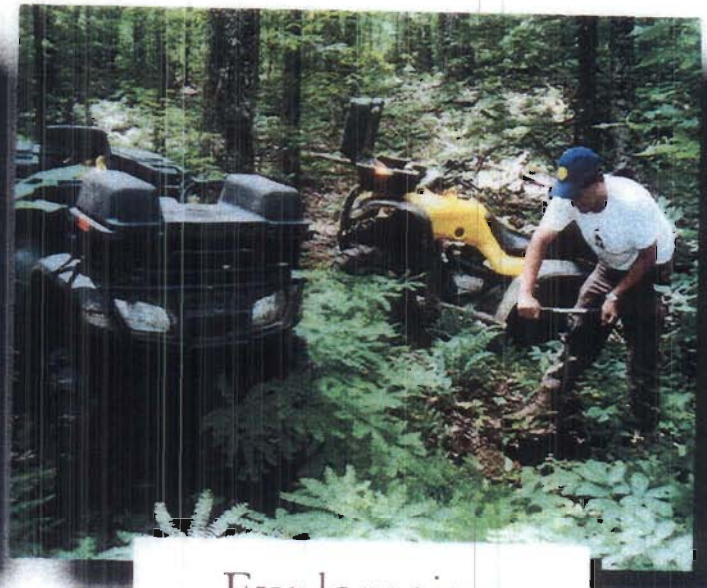
2·41738

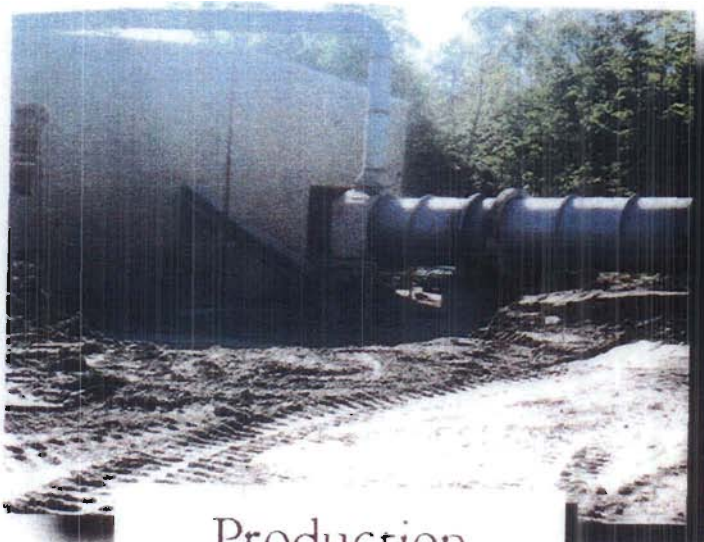
Regis Resources Inc.



Prospecting



Exploration



Production

Development

3024 Hwy. 507 N, P.O. Box 291, Buckhorn, Ontario K0L 1J0

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Assessment Work Performed on Regis Resources Mining Lease 108137
Assessment Work Performed July 28, 2008 to April 8, 2009

This is the report on the trenching and the assay results for the Regis Resources' main lease 108137, on former claim 1191295. The field work was performed from July 28th, 2008 to August 5th, 2008, with the laboratory work being performed September 18th, 2008 and September 19th, 2008. It is our intention to apply this exploration and trenching performed on this lease to our surrounding claim block.

This former claim 1191295, now lease 108137 was one of Regis Resources original claims and has been the location of Regis main production pit for the last several years. It consists of 2 units in the south of Cavendish Township. The area of this pit was originally trenched and sampled in April of 1999 and several trenches and some bulk sampling has been performed since.

In the summer of 2007 and 2008 Regis has performed extensive reclamation and rehabilitation at the mine pit. That work is the subject of a future potential work assessment report. The work performed on this report refers to two new trenches to the north and east of the area of previous trenching and mining operations.

The access trail to move the excavator to the new trenches had to travel around the south west end of the swamp and roughly follow parallel to the current pit area, in a north easterly direction. The difficulty in the mobilization through this rough terrain prevented damaging the newly graded and seeded former production pit.

The success of our mining operations around the mainly southern area of the swampy section of the pit, encouraged Regis to explore and trench formerly inaccessible areas north and east of the pit area. Exploration was carried out along the slopes across from the pit area continuing in the direction of our main vermiculite deposit. Two parallel trenches were dug and sampled to assess the possibility of continuing mining operations on the other side of the swampy area.

The longer of the trenches, trench one, 90 metres long, was excavated into a marble outcrop showing visible vermiculite on the surface and along the rock face. The trench started across from the island at the edge of the swamp, which was high in peat on top with sandy loam, followed by visible vermiculite, flakes being silver in colour, some 60 cm. deep. The colour and depth of the vermiculite pockets varied throughout the trench, with discernable vermiculite found along the length of the trench.

Trench two was shorter in this area, east and north of the first trench, revealing few noticeable pockets of promising vermiculite.

The assay test results provided several pockets of possible commercial grade vermiculite in the area of Trench 1, but appear less promising in Trench 2. Future work would need to be performed to assess the viability of mining operations on this side of the pit.

Regis Resources, Inc. is Canada's only vermiculite mining/milling operation. In 2007 Mr. Moeller, a registered professional geologist, began looking at other mineral opportunities in addition to vermiculite on Regis's land holdings. Coincidentally, Dr. Mike Easton, Provincial Geologist, Sudbury, was starting a two-year re-mapping project of the Cavendish Township. As a part of both of those efforts a review of past activity in the area showed that in the 1950's there was a lot of activity in the area for Uranium, including underground workings and drill cores.

As a part of the overall review of the geology for the Regis land holdings, Lease 108137 was identified as having both potential vermiculite and Uranium. The assessment work performed last summer focused on vermiculite. However, in addition to this work the geology of the claim is being assessed for Uranium. This includes a review of the previous geologic maps, Air Gamma surveys, and field review of the rock types on the claim. The attached "Airborne Gamma Ray Spectrometry Compilation" shows Lease 108137 to be relatively close in relation to the Uranium "hotspots" in the area. The section of these trenches reveal both Alaskanite (pink granites) that are typically host rocks for the Uranium, as well as marbles which are host rocks for the vermiculite. Where the two rock types meet there can be skarns with replacement uranium deposits.

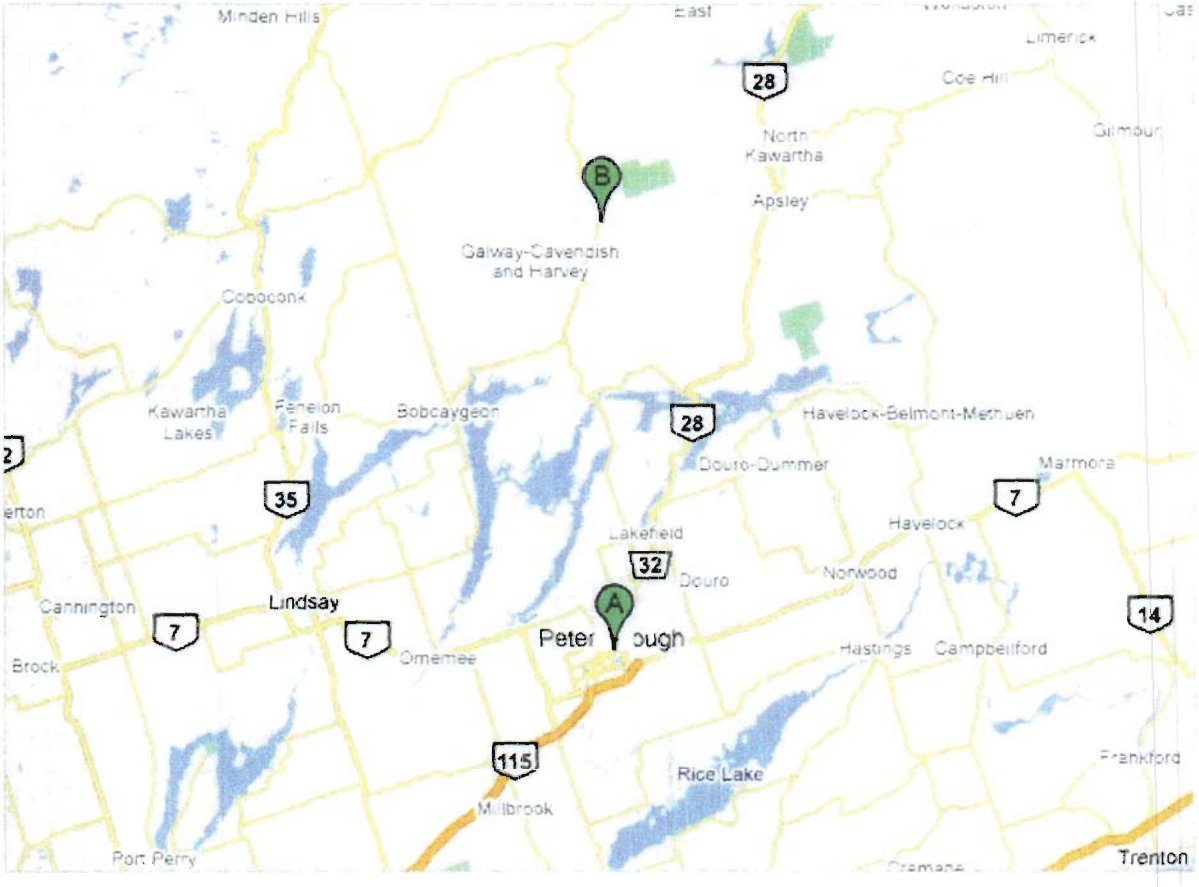
Conclusion

The general area around the pits deserves further exploration and testing for the uranium potential of the Alaskanite rocks found this field season.

Eric Moeller RPG SC374
Consultant
Prospector's License 1005809

Heather Robertson
Office Manager

Google Maps

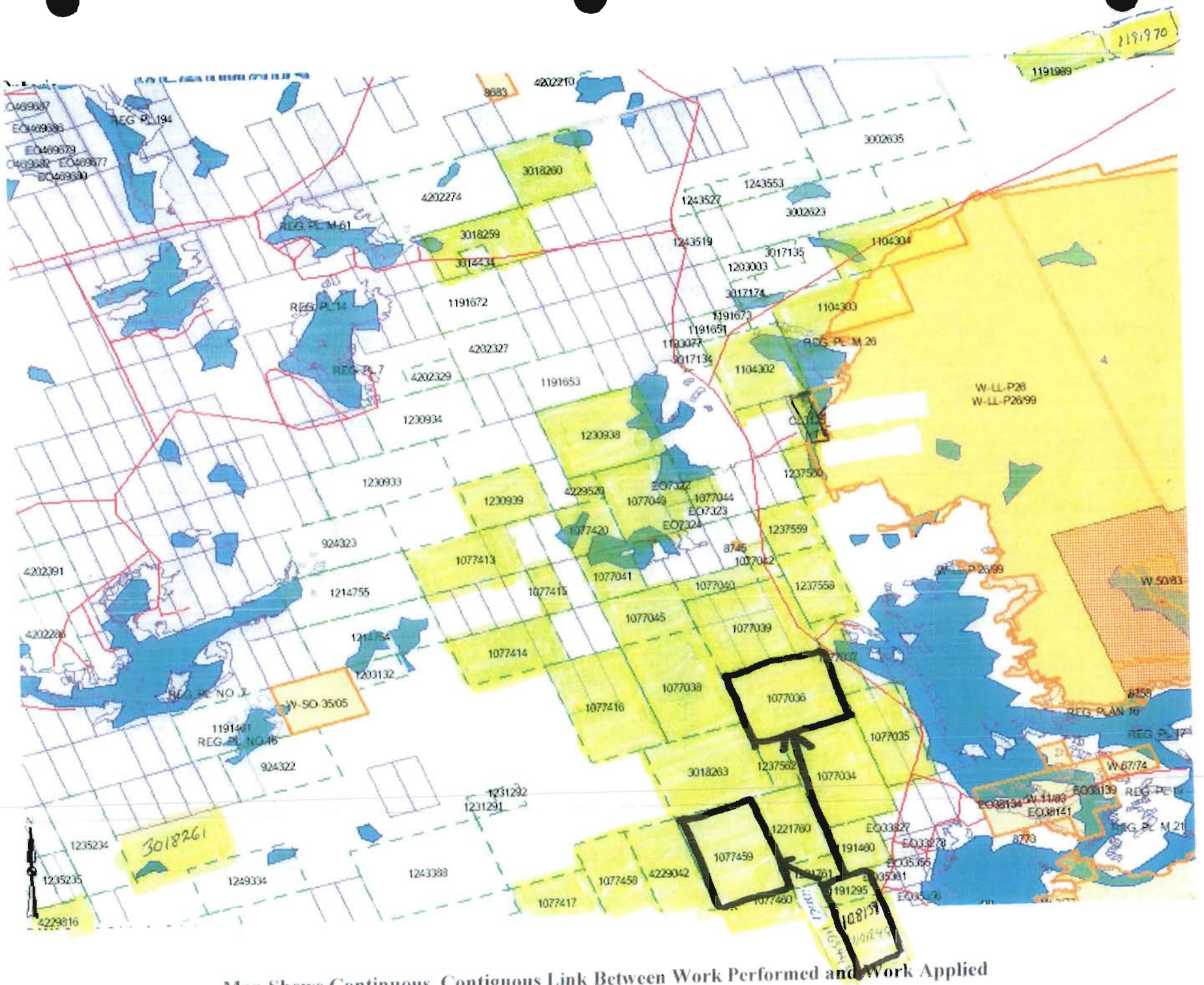


Driving directions to Catchacoma, Galway-Cavendish and Harvey, ON, Canada

53.0 km – about **56 mins**

A Peterborough, ON
Canada

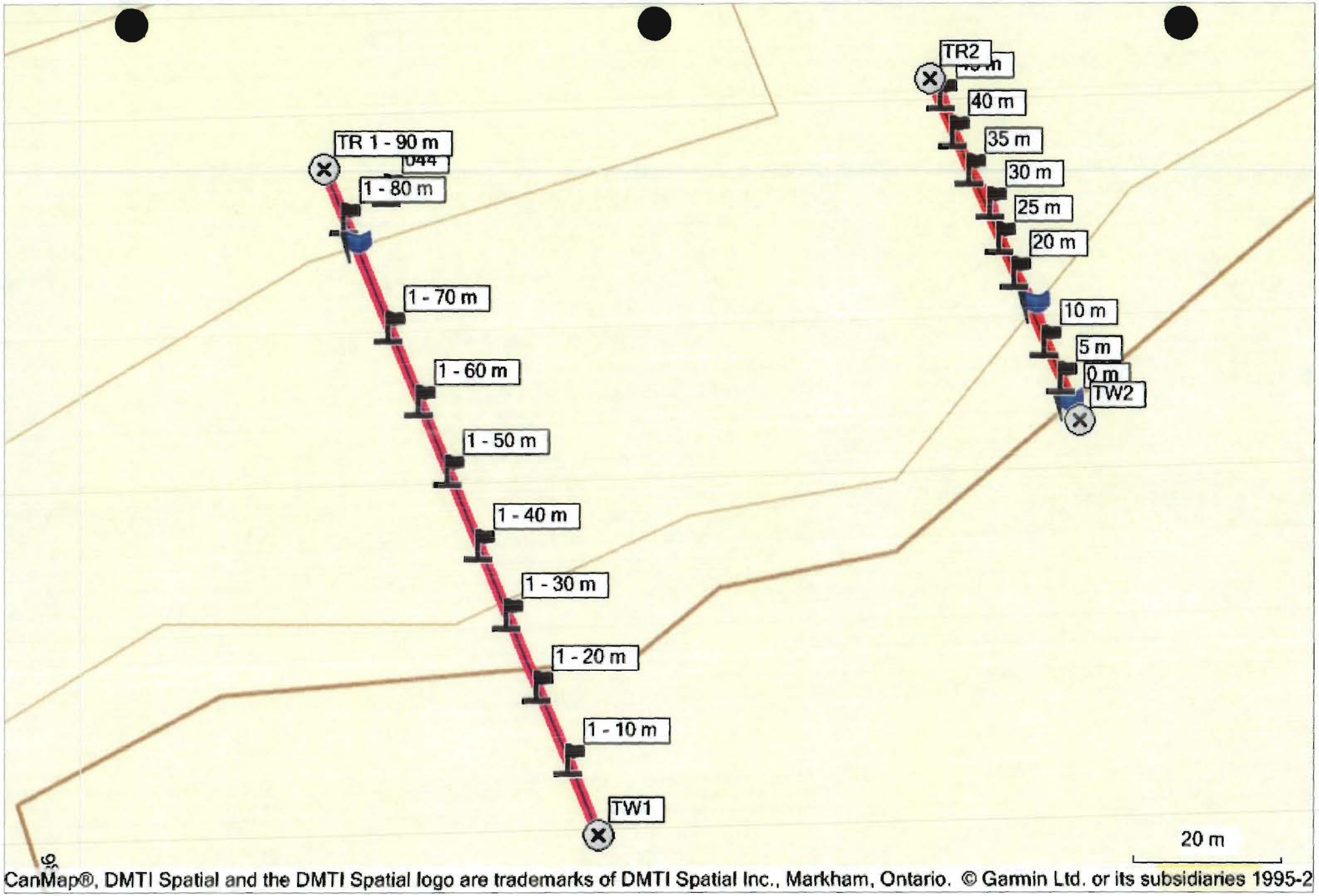
1.	Head **east** on **Hunter St W** toward **Water St**	92 m
2.	Turn **left** at **Water St**	1.1 km
3.	Turn **right** at **Parkhill Rd W**	0.8 km
4.	Turn **left** at **Armour Rd**	4.1 km
5.	Turn **left** at **Nassau Mills Rd**	0.3 km
6.	Turn **right** at **Water St**	1.5 km
7.	Continue on **HWY-29**	3.3 km
8.	Slight **left** at **Buckhorn Rd/HWY-23** Continue to follow HWY-23	19.6 km
9.	Slight **left** at **HWY-36**	7.4 km
10.	Turn **right** at **HWY-507**	11.0 km
11.	Turn **Left** at **Vermiculite Canada**	



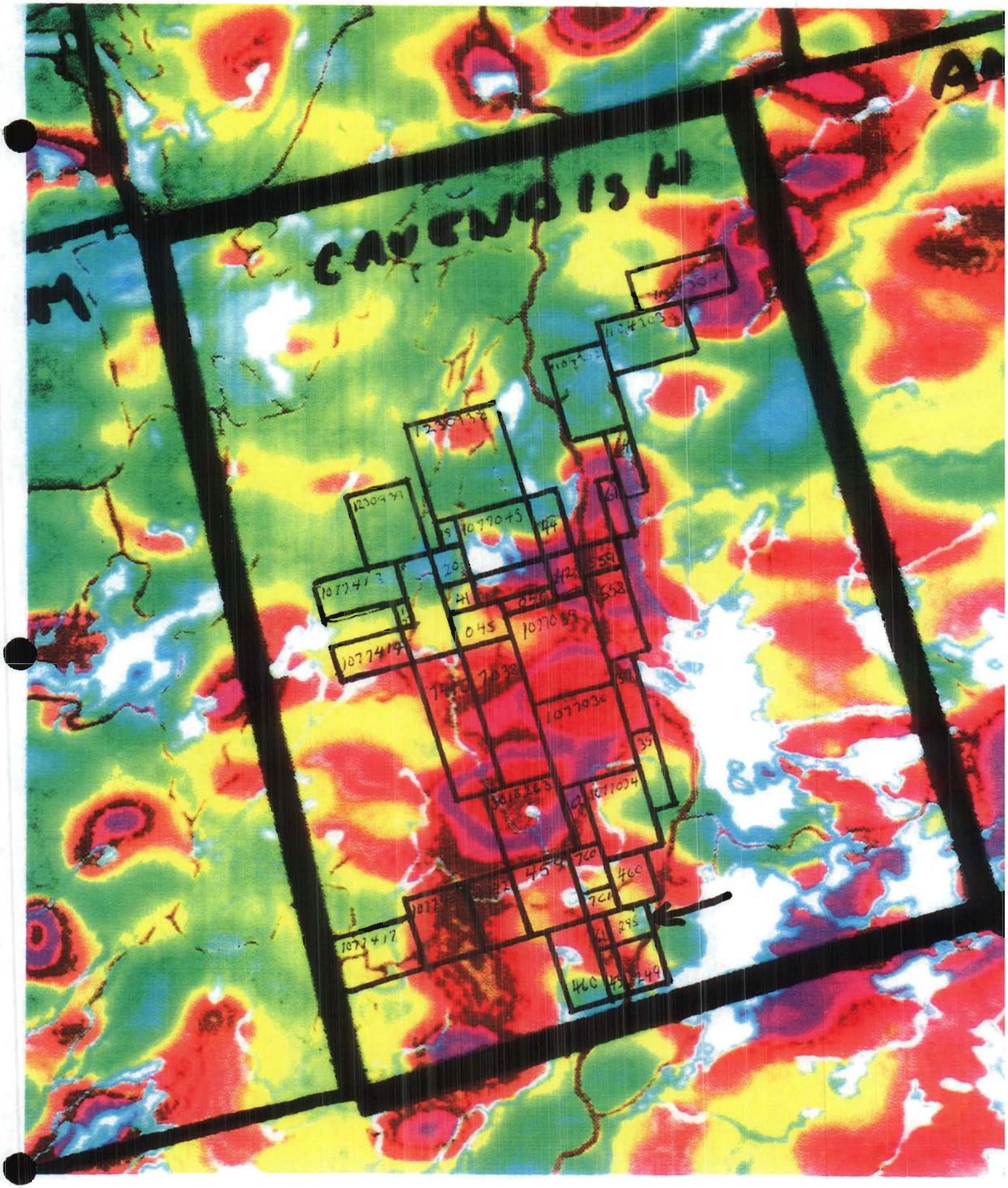
Map Shows Continuous, Contiguous Link Between Work Performed and Work Applied

Map Shows Location of Trenches Within Lease SO1191295

Trail for Mini Excavator **Boundary of Pit Area** **Trenches**



Map Shows Location of Samples on Trenches 1 and 2 SO1191295
(Samples 2.5 metres apart)



Map From Dr. Easton's Airborne Gamma Ray Spectrometry Compilation
Claim Boundaries Added – May Not Be To Exact Measurement and Positioning

Ontario

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

Mining Claim Dispositions
| Main Menu | Back |

Explanatory Notes

TENURE ATTRIBUTES

Tenure Type:	Lease	**Sub-TenureType:**	21 Year
Lease or Licence:	108137	**Tenure Rights:**	Mining and Surface Rights
Start Date:	2008-Jan-01	**Lease Expiry Date:**	2028-Dec-31

LAND ATTRIBUTES

Status:	Active	**Area in Hectares:**	116.184
Township or Area:	CAVENDISH		
Description:	SO1191295 & SO1191249 Pt of Location CL13239, being part of Lots 12 and 13, Concessions 2 and 3, being Mining Claims SO1191295 and SO1191249, designated as pts 1-6, 9-20, 23 & 24, 27-32 on plan 45R14023		
Location No:	CL13239	**Section or Block No:**	
Survey Plan:	45R14023	**Part on Plan:** 1-7,9-20,23-24	**CLM No:**
Land Registry Office:	PETERBOROUGH (PETERBOROUGH)	**Parcel No:**	**PIN No:**

Claim Numbers	Lot	Concession	Claim Numbers	Lot	Concession
SO1191249	12	02	SO1191295	12	03
SO1191295	13	03	SO1191249	13	02

OWNER ATTRIBUTES

Owner: REGIS RESOURCES INC.

Samples Received at Laboratory

Claim Number	GPS Location Latitude	Longitude	Sample Number	Sample Type	Field Observations	Date Taken	Date Received	Received Signature
108137	N 44 ' 42'40.0	W 78 '20'57.2	0 m	TRENCH TW1	- Start 5 m into wetland @ west	July 30/8	July 30/8	
	N 44 '	W 78 '	2.5		edge of swamp (p.t) - adjacent			
	N 44 '	W 78 '	5 m		to north end of island - wet,			
	N 44 '	W 78 '	7.5		90 Veg / Peat - thin sandy layer			
	N 44 '	W 78 '	10 m		~~60 cm thick~~ with diss. Vn - silver flake +/- 10-15%.			
	N 44 '	W 78 '	12.5		- rising grade - schist + marble			
	N 44 '	W 78 '	15 m		boulders, vertical banding / transition			
	N 44 '	W 78 '	17.5		- diss Vn throughout - pockets of fish			
	N 44 '	W 78 '	20 m		grade green + silver flake +/- 40%			
	N 44 '	W 78 '	22.5		- dark brn loam. to coarse sandy			
	N 44 '	W 78 '	25 m		weathered marble - thin banding			
	N 44 '	W 78 '	27.5		of Vn @ or near bedrock (see notes			
	N 44 '	W 78 '	30 m		for true measure - ments			
	N 44 '	W 78 '	32.5		- shallow occ. < 1.5m, weathered			
108137	N 44 '	W 78 '	35 m	TW-1	broken schist, biotite, heavy	July 30/8	July 30/8	

Samples Received at Laboratory

Claim Number	GPS Location Latitude	GPS Location Longitude	Sample Number	Sample Type	Field Observations	Date Taken	Date Received	Received Signature
108137	N 44 '	W 78 '	37.5	TRENCH TW1	discoloration/iron - dry -	"	"	
	N 44 '	W 78 '	40 m		- +/- 30% Vn but low volume	July 30/8	July 30/8	
	N 44 '	W 78 '	42.5		- dry - silver flake	July 31/8	July 31/8	
	N 44 '	W 78 '	45 m		+/- 50 wisnot content.			
	N 44 '	W 78 '	47.5		- same as above			
	N 44 '	W 78 '	50 m		- soft weathered marble - able to peel off layers with exc. - 30% Vn			
	N 44 '	W 78 '	52.5					
	N 44 '	W 78 '	55 m		- same as above			
	N 44 '	W 78 '	57.5		- "			
	N 44 '	W 78 '	60 m		- dark green/ black biotite, mica			
	N 44 '	W 78 '	62.5		+ Thin band of marble @ B/R.			
	N 44 '	W 78 '	65 m		- diss. Vn + pockets of 60			
	N 44 '	W 78 '	67.5		- 90 cm across of higher quality + concentration Vn, +/- 60%			
	N 44 '	W 78 '	70 m					
108137	N 44 '	W 78 '	72.5	Trench TW1	- shallower - good showing	July 31/8	July 31/8	

Samples Received at Laboratory

Claim Number	GPS Location Latitude	GPS Location Longitude	Sample Number	Sample Type	Field Observations	Date Taken	Date Received	Received Signature
108137	N 44 '	W 78 '	75m	Trench TW-1	- ledge rock + marble B/R.	July 31/8	July 31/8	
	N 44 '	W 78 '	77.5		-- +/- 20 · 30 /. diss Vm (silver)			
	N 44 '	W 78 '	80 m		- rock near surface, Vm			
	N 44 '	W 78 '	82.5		@ all contact faces of marble			
	N 44 '	W 78 '	85m		/ Calcite. - underlying			
	N 44 '	W 78 '	87.5		B/R of granidiorite - intermittent schist			
108137	N 44 '42'42·8	W 78 '20'58·6	90m	Trench TW-1	+ pockets of bi~ black green biotite	July 31/8	July 31/8	
	N 44 '	W 78 '						
	N 44 '	W 78 '	End of Trench - OUTCROP - (marble)					
	N 44 '	W 78 '			- visible Vm @ surface			
	N 44 '	W 78 '			+ in contact with rock			
	N 44 '	W 78 '			face.			
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						

Samples Received at Laboratory

Claim Number	GPS Location Latitude	GPS Location Longitude	Sample Number	Sample Type	Field Observations	Date Taken	Date Received	Received Signature
108137	N 44 ' 42' 41.7	W 78 ' 20' 54.7	0 m	Trench TWZ		July 31/8	July 31/8	
	N 44 '	W 78 '	2.5					
	N 44 '	W 78 '	5 m					
	N 44 '	W 78 '	7.5					
	N 44 '	W 78 '	10 m					
	N 44 '	W 78 '	12.5					
	N 44 '	W 78 '	15 m					
	N 44 '	W 78 '	17.5					
	N 44 '	W 78 '	20 m					
	N 44 '	W 78 '	22.5					
	N 44 '	W 78 '	25 m					
	N 44 '	W 78 '	27.5					
	N 44 '	W 78 '	30 m					
	N 44 '	W 78 '	32.5					
108137	N 44 '	W 78 '	35 m	Trench TWZ		July 31/8	July 31/8	

Samples Received at Laboratory

Claim Number	GPS Location Latitude	GPS Location Longitude	Sample Number	Sample Type	Field Observations	Date Taken	Date Received	Received Signature
108137	N 44 '	W 78 '	37.5			July 31/8	July 31/8	
	N 44 '	W 78 '	40 m					
	N 44 '	W 78 '	42.5					
	N 44 '	W 78 '	45 m					
108137	N 44 '	W 78 '	47.5			July 31/8	July 31/8.	
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						
	N 44 '	W 78 '						

COMMERCIAL VERMICULITE ANALYSIS DATA

Vermiculite Assay - Regis Resources Screen Series

Samples: 108137 Trench TW1 **Date:** 9/17/08

Sample Location	% Weight Distribution			Assay	After Exfoliation			Bag Yield		Rock	Grade	Adj. Grade	Content
metres	- 18	-18 + 70	-70	Wt (g)	Wt (g)	LOE (%)	Vol (mL)	(mL/g)	Bags/ton	Wt (g)	Vm (%)	Vm (%)*	Vm (%)*
0.0 m Vertical	39.0%	30.9%	30.1%	213.0	203.2	38.6%	255	1.2	9.6	187.6	11.9%	0.0%	0.0%
2.5 m Vertical	29.2%	38.2%	32.5%	287.7	274.0	29.0%	428	1.5	11.9	240.4	16.4%	9.0%	3.4%
5 m Vertical	38.8%	30.1%	31.1%	264.3	256.5	30.5%	291	1.1	8.8	238.7	9.7%	1.5%	0.4%
7.5 m Vertical *	41.0%	25.4%	33.6%	200.7	189.8	51.2%	205	1.0	8.2	179.4	10.6%	0.0%	0.0%
10 m Vertical *	63.2%	27.0%	9.9%	288.1	268.9	43.8%	361	1.3	10.0	244.3	15.2%	0.3%	0.1%
12.5 m Vertical	51.3%	37.7%	11.0%	273.4	252.4	36.0%	464	1.7	13.6	215.0	21.4%	10.4%	3.9%
15 m Vertical *	32.9%	32.1%	35.0%	265.3	249.4	-	277	1.0	8.4	Trace	~0.0%	~0.0%	~0.0%
17.5 m Vertical	41.1%	32.9%	26.0%	292.3	273.1	57.3%	288	1.0	7.9	258.8	11.5%	0.0%	0.0%
20 m Vertical *	31.2%	39.1%	29.6%	307.8	288.1	38.9%	408	1.3	10.6	257.1	16.5%	4.0%	1.6%
22.5 m Vertical *	35.4%	37.6%	27.0%	288.0	269.7	51.7%	320	1.1	8.9	252.6	12.3%	0.0%	0.0%
25 m Vertical *	28.1%	44.1%	27.8%	331.1	314.1	38.8%	405	1.2	9.8	287.3	13.2%	0.8%	0.4%
27.5 m Vertical	33.4%	50.0%	16.6%	307.7	284.4	36.6%	625	2.0	16.3	244.0	20.7%	9.4%	4.7%
30 m Vertical	48.0%	43.1%	8.9%	234.2	221.5	20.3%	644	2.7	22.0	171.6	26.7%	23.6%	10.2%
32.5 m Vertical	36.2%	47.6%	16.2%	305.1	275.4	30.7%	760	2.5	20.0	208.3	31.7%	23.4%	11.1%
35 m Vertical	19.5%	50.5%	29.9%	253.5	233.0	23.7%	788	3.1	24.9	167.0	34.1%	29.3%	14.8%
37.5 m Vertical	16.3%	57.7%	26.0%	289.6	265.6	28.4%	870	3.0	24.1	205.1	29.2%	22.0%	12.7%
40 m Vertical	52.7%	37.0%	10.3%	202.0	182.7	28.2%	561	2.8	22.2	133.5	33.9%	26.8%	9.9%
42.5 m Vertical	86.2%	0.0%	13.8%	220.7	201.9	28.8%	560	2.5	20.3	155.5	29.5%	22.1%	0.0%
45 m Vertical	70.3%	14.9%	14.9%	233.3	212.2	22.6%	855	3.7	29.4	140.0	40.0%	35.7%	5.3%
47.5 m Vertical	76.0%	12.0%	12.0%	266.3	250.3	26.9%	568	2.1	17.1	206.9	22.3%	15.8%	1.9%
50 m Vertical	82.5%	8.8%	8.8%	307.6	293.6	32.3%	412	1.3	10.7	264.3	14.1%	4.9%	0.4%
52.5 m Vertical	75.6%	12.2%	12.2%	272.8	263.1	14.4%	530	1.9	15.6	205.3	24.7%	24.7%	3.0%
55 m Vertical	74.1%	13.0%	13.0%	277.1	270.6	16.8%	397	1.4	11.5	238.5	13.9%	12.5%	1.6%
57.5 m Vertical	47.1%	26.5%	26.5%	235.0	217.7	45.8%	310	1.3	10.6	197.2	16.1%	0.2%	0.1%
60 m Vertical	19.0%	40.5%	40.5%	201.7	185.6	53.3%	220	1.1	8.7	171.5	15.0%	0.0%	0.0%
62.5 m Vertical				No sample, no depth									
65 m Vertical				No sample, no depth									
67.5 m Vertical				No sample, no depth									
70 m Vertical *	15.6%	42.2%	42.2%	198.7	184.6	54.4%	201	1.0	8.1	172.8	13.0%	0.0%	0.0%
72.5 m Vertical *	6.1%	46.9%	46.9%	161.8	151.4	47.7%	175	1.1	8.7	140.0	13.5%	0.0%	0.0%
75 m Vertical	33.9%	33.0%	33.0%	239.3	218.0	35.4%	430	1.8	14.4	179.1	25.2%	14.5%	4.8%
77.5 m Vertical	60.6%	19.4%	20.0%	284.3	267.1	20.2%	690	2.4	19.4	199.2	29.9%	26.8%	5.2%
80 m Vertical *	21.6%	39.2%	39.2%	268.2	249.8	48.9%	325	1.2	9.7	230.6	14.0%	0.0%	0.0%
82.5 m Vertical *	8.8%	45.6%	45.6%	242.2	232.0	42.9%	205	0.8	6.8	218.4	9.8%	0.0%	0.0%
85 m Vertical *	9.3%	45.3%	45.3%	285.6	272.0	46.7%	255	0.9	7.2	256.5	10.2%	0.0%	0.0%
87.5 m Vertical *	17.3%	41.3%	41.3%	312.5	293.5	38.8%	442	1.4	11.3	263.5	15.7%	3.3%	1.4%
90 m Vertical	57.7%	21.1%	21.1%	385.7	370.1	27.7%	556	1.4	11.5	329.3	14.6%	7.8%	1.6%

108137 Trench TW1 Summary

Location	% Weight Distribution			Assays, % Vm		Content, % Vm	Ore	Vermiculite	Vertical	Mica	Clay	Orgs	Met1	Met2	% of Assay
m	+ 18	-18 + 70	-70	Uncorr	Corr	Corr			Ht, cm						Feed -18+40
0.0 m Vertical	39.0%	30.9%	30.1%	11.9%	0.0%	0.0%	Grey	Pinkish	100 50	Y	H	0			51
2.5 m Vertical	29.2%	38.2%	32.5%	16.4%	9.0%	3.4%	Silver Flakes; Grey	Pinkish	100 50	Y	H	0			48
5 m Vertical	38.8%	30.1%	31.1%	9.7%	1.5%	0.4%	Silver Flakes; Grey	Pinkish	75 40	Y	H	1			48
7.5 m Vertical *	41.0%	25.4%	33.6%	10.6%	0.0%	0.0%	Silver Flakes; Light Brown	Pinkish	27 30		H	1			56
10 m Vertical *	63.2%	27.0%	9.9%	15.2%	0.3%	0.1%	Brown	Light Brown	26 55	()		1			59
12.5 m Vertical	51.3%	37.7%	11.0%	21.4%	10.4%	3.9%	Black/Green Mica/Vm + (Flakes)	Brown	30 100	Y		0			61
15 m Vertical *	32.9%	32.1%	35.0%	0.0%	0.0%	0.0%	Light Yellowish Brown		26 48	Y	()	1			44
17.5 m Vertical	41.1%	32.9%	26.0%	11.5%	0.0%	0.0%	Light Yellowish Brown	Whitish	30 110	Y	()	1			51
20 m Vertical *	31.2%	39.1%	29.6%	16.5%	4.0%	1.6%	Light Yellowish Brown	Whitish	22 120	Y	()	0			52
22.5 m Vertical *	35.4%	37.6%	27.0%	12.3%	0.0%	0.0%	Light Yellowish Brown	Brown	26 110		()	1			48
25 m Vertical *	28.1%	44.1%	27.8%	13.2%	0.8%	0.4%	(Flakes); Yellowish Brown	Brown	27 156	()	()	0			52
27.5 m Vertical	33.4%	50.0%	16.6%	20.7%	9.4%	4.7%	Flakes, Greyish Brown	Greyish Brown	35 110	()		0			58
30 m Vertical	48.0%	43.1%	8.9%	26.7%	23.6%	10.2%	(Black/Green Mica/Vm) + Flakes	Light Brown	20 70	()		0			69
32.5 m Vertical	36.2%	47.6%	16.2%	31.7%	23.4%	11.1%	(Black/Green Mica/Vm) + Flakes	Brown	33 70	()		0			60
35 m Vertical	19.5%	50.5%	29.9%	34.1%	29.3%	14.8%	Black/Green Mica/Vm + Flakes;	Light Brown	40 115			0			45
37.5 m Vertical	16.3%	57.7%	26.0%	29.2%	22.0%	12.7%	Black/Green Mica/Vm + Flakes;	Whitish	70 58	()		0			45
40 m Vertical	52.7%	37.0%	10.3%	33.9%	26.8%	9.9%	Black/Green Mica/Vm + Flakes;	Whitish	33 87	()		0			66
42.5 m Vertical	86.2%	0.0%	13.8%	29.5%	22.1%	0.0%	(Marble) + Flakes; Brown	Whitish	25 30			1			
45 m Vertical	70.3%	14.9%	14.9%	40.0%	35.7%	5.3%	(Marble) + Flakes; Brown	Whitish	15 60			1			309
47.5 m Vertical	76.0%	12.0%	12.0%	22.3%	15.8%	1.9%	Marble	Whitish	5 65			0			320
50 m Vertical	82.5%	8.8%	8.8%	14.1%	4.9%	0.4%	Marble + Flakes	Whitish	10 68			0			286
52.5 m Vertical	75.6%	12.2%	12.2%	24.7%	24.7%	3.0%	Marble + Large Silver Flakes	Whitish	10 40	()		0			232
55 m Vertical	74.1%	13.0%	13.0%	13.9%	12.5%	1.6%	Marble + Silver Flakes	Whitish	10 65	()		0			179
57.5 m Vertical	47.1%	26.5%	26.5%	16.1%	0.2%	0.1%	Silver Flakes; Brown	Light Brown	45 75	Y		0			86
60 m Vertical	19.0%	40.5%	40.5%	15.0%	0.0%	0.0%	Brown	Light Brown	28 50	Y		0			28
62.5 m Vertical	No sample, no depth					0.0%		-	0 0						
65 m Vertical	No sample, no depth					0.0%		-	0 0						
67.5 m Vertical	No sample, no depth					0.0%		-	0 0						
70 m Vertical *	15.6%	42.2%	42.2%	13.0%	0.0%	0.0%	(Large Silver Flakes); Orangey I	Light Brown	10 15	Y	Y	1			20
72.5 m Vertical *	6.1%	46.9%	46.9%	13.5%	0.0%	0.0%	Yellowish Brown	Salmon	25 60	Y	Y	0			10
75 m Vertical	33.9%	33.0%	33.0%	25.2%	14.5%	4.8%	(Flakes); Dark Brown	Light Brown	70 50	Y		1			88
77.5 m Vertical	60.6%	19.4%	20.0%	29.9%	26.8%	5.2%	Black/Green Mica/Vm + Silver F	Light Greenish Brow	43 120	Y		0			213
80 m Vertical *	21.6%	39.2%	39.2%	14.0%	0.0%	0.0%	(Silver Flakes); Brown	Greyish Brown	20 45	Y	Y	1			40
82.5 m Vertical *	8.8%	45.6%	45.6%	9.8%	0.0%	0.0%	Yellowish Brown	Light Brown	35 45	Y	Y	1			14
85 m Vertical *	9.3%	45.3%	45.3%	10.2%	0.0%	0.0%	(Flakes); Yellowish Brown	Pinkish	40 40	Y	Y	1			19
87.5 m Vertical *	17.3%	41.3%	41.3%	15.7%	3.3%	1.4%	(Flakes); Yellowish Brown	Light Brown	20 75	Y	Y	1			43
90 m Vertical	57.7%	21.1%	21.1%	14.6%	7.8%	1.6%	Marble + Flakes	Whitish	20 45			0			272

COMMERCIAL VERMICULITE ANALYSIS DATA

Vermiculite Assay - Regis Resources Screen Series

Samples: 108137 Trench TW2 **Date:** 9/18/08

Sample Location	% Weight Distribution			Assay	After Exfoliation			Bag Yield		Rock	Grade	Adj. Grade	Content
metres	-18	-18 +70	-70	Wt (g)	Wt (g)	LOE (%)	Vol (mL)	(mL/g)	Bags/ton	Wt (g)	Vm (%)	Vm (%)*	Vm (%)*
0.0 m Vertical *	30.8%	25.5%	43.7%	213.6	202.1	-	159	0.7	6.0	Trace	~0.0%	~0.0%	~0.0%
2.5 m Vertical *	14.9%	42.7%	42.4%	277.5	255.7	-	240	0.9	6.9	Trace	~0.0%	~0.0%	~0.0%
5 m Vertical *	25.3%	23.6%	51.1%	282.9	272.2	45.5%	245	0.9	6.9	259.4	8.3%	0.0%	0.0%
7.5 m Vertical *	14.0%	25.4%	60.6%	283.9	273.6	-	198	0.7	5.6	Trace	~0.0%	~0.0%	~0.0%
10 m Vertical *	8.4%	24.8%	66.8%	243.4	236.3	-	161	0.7	5.3	Trace	~0.0%	~0.0%	~0.0%
12.5 m Vertical				No sample, no depth									
15 m Vertical				No sample, no depth									
17.5 m Vertical				No sample, no depth									
20 m Vertical				No sample, no depth									
22.5 m Vertical *	17.4%	22.2%	60.5%	233.3	223.7	-	165	0.7	5.7	Trace	~0.0%	~0.0%	~0.0%
25 m Vertical *	9.5%	26.0%	64.5%	254.1	238.0	-	185	0.7	5.8	Trace	~0.0%	~0.0%	~0.0%
27.5 m Vertical *	61.8%	28.5%	9.7%	316.0	305.1	36.1%	350	1.1	8.9	285.8	9.6%	0.0%	0.0%
30 m Vertical *	41.7%	40.7%	17.6%	251.8	238.7	30.5%	363	1.4	11.5	208.8	17.1%	8.8%	3.6%
32.5 m Vertical *	43.4%	37.3%	19.2%	229.0	212.0	34.7%	384	1.7	13.4	180.0	21.4%	11.1%	4.1%
35 m Vertical *	66.1%	27.3%	6.6%	256.9	240.5	29.3%	500	1.9	15.6	200.9	21.8%	14.2%	3.9%
37.5 m Vertical *	34.6%	32.2%	33.1%	267.9	259.7	40.6%	235	0.9	7.0	247.7	7.5%	0.0%	0.0%
40 m Vertical *	25.4%	29.8%	44.8%	270.1	260.9	33.7%	263	1.0	7.8	242.8	10.1%	0.3%	0.1%
42.5 m Vertical *	7.6%	28.2%	64.2%	299.9	290.9	48.4%	225	0.8	6.0	281.3	6.2%	0.0%	0.0%
45 m Vertical *	35.2%	29.4%	35.5%	306.8	293.4	24.1%	628	2.0	16.4	251.1	18.2%	13.1%	3.9%
47.5 m Vertical *	12.7%	26.6%	60.7%	285.6	270.0	37.3%	320	1.1	9.0	243.8	14.6%	3.0%	0.8%

108137 Trench TW2 Summary

Location	% Weight Distribution			Assays, % Vm		Content, % Vm	Ore	Ore	Ore	Mica	Clay	Orgs	% of Assay
m	+18	-18 + 70	-70	Uncorr	Corr	Corr							Feed -18+40
0 0 m Vertical *	30 8%	25 5%	43 7%	0 0%	0 0%	0 0%	Orangey Brown		30 35	()	Y	2	41
2 5 m Vertical *	14 9%	42 7%	42 4%	0 0%	0 0%	0 0%	Orangey Brown		15 35	Y	Y	2	41
5 m Vertical *	25 3%	23 6%	51 1%	8 3%	0 0%	0 0%	(Flakes), Orangey Brown	Greyish Brown	25 77	Y	Y	1	44
7 5 m Vertical *	14 0%	25 4%	60 6%	0 0%	0 0%	0 0%	Light Brown		25 77	Y	Y	2	43
10 m Vertical *	8 4%	24 8%	66 8%	0 0%	0 0%	0 0%	Light Brown		26 100	Y	Y	1	38
12 5 m Vertical						0 0%	-						
15 m Vertical						0 0%	-						
17 5 m Vertical						0 0%	-						
20 m Vertical						0 0%	-						
22 5 m Vertical *	17 4%	22 2%	60 5%	0 0%	0 0%	0 0%	Yellowish Brown		25 25	Y	Y	1	38
25 m Vertical *	9 5%	26 0%	64 5%	0 0%	0 0%	0 0%	Orangey Brown		25 40	Y	Y	3	35
27 5 m Vertical *	61 8%	28 5%	9 7%	9 6%	0 0%	0 0%	Marble + Brown Mica/Vm + Flakes	Whitish	20 77	()		0	63
30 m Vertical *	41 7%	40 7%	17 6%	17 1%	8 8%	3 6%	Marble + Brown Mica/Vm + Silver Flakes	Whitish	20 70	()		1	55
32 5 m Vertical *	43 4%	37 3%	19 2%	21 4%	11 1%	4 1%	Marble + Brown Mica/Vm + Silver Flakes	Whitish	20 50	Y		1	55
35 m Vertical *	66 1%	27 3%	6 6%	21 8%	14 2%	3 9%	Marble + Brown Mica/Vm + Silver Flakes	Whitish	30 40	()		0	67
37 5 m Vertical *	34 6%	32 2%	33 1%	7 5%	0 0%	0 0%	Orangey Brown	White + Brown	30 65	()	Y	1	34
40 m Vertical *	25 4%	29 8%	44 8%	10 1%	0 3%	0 1%	Light Brown		40 60	Y	Y	1	41
42 5 m Vertical *	7 6%	28 2%	64 2%	6 2%	0 0%	0 0%	Yellowish Brown	Whitish	18 55	Y	Y	1	35
45 m Vertical *	35 2%	29 4%	35 5%	18 2%	13 1%	3 9%	Yellowish Brown	Grey	25 27	Y	Y	1	52
47 5 m Vertical *	12 7%	26 6%	60 7%	14 6%	3 0%	0 8%	Yellowish Brown	Grey	45 50	Y	Y	1	38