



42A14SE0634 34 TULLY

010

Diamond Drilling

Township of Tully

Report NO: 34

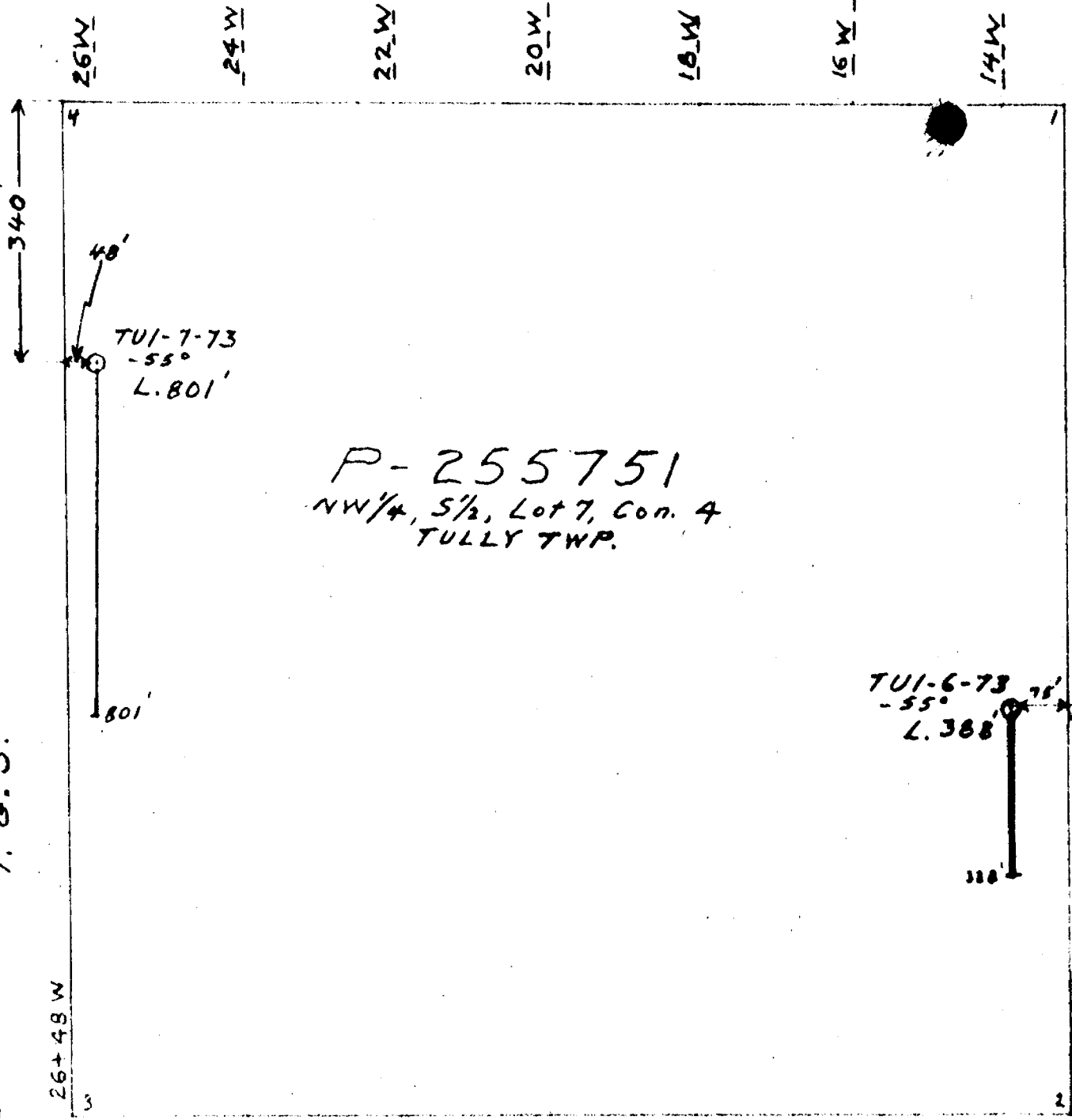
Work performed by: Hollinger Mines Ltd.

Claim NO	Hole NO	Footage	Date	Note
P 255751	TU 1-6-73	388'	Sept/73	(1)
	TU 1-7-73	801'	Sept/73	(1)
	<u>2</u>	<u>1189'</u>		

Notes:

(1) 222/73

PATENT HALF LOT
T. G. S.



P-255751
NW/4, S/2, Lot 7, Con. 4
TULLY TWP.

TUI-6-73
-55°
L. 388'

W. H. Hansen
HOLLANDER ENGINEERS
TIMMINS, ONTARIO

PLAN OF DDH* TUI-6 & TUI-7-73
CLAIM P-255751, TULLY TWP.
Scale - 1 in. = 200'

Oct 17/73

Location of Collar points #2 P-255751 North 530'
West 75'

FORM 822

NORTH 18+50N
EAST XL 10W
ELEV. Surface
AZIM. Grid South - 180°
DIP. Collar @ 55°

DIAMOND DRILL REPORT

HOLE NO. TUL-6-73
COMMENCED September 16, 1973
FINISHED September 20, 1973
PURPOSE OF HOLE Test EM Anomalies

PROPERTY TULLY #1 GROUP
Claim P-255751 Tully Township

Drilled by Bradley Bros.

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
0	200	CASING.						
200	254	Ultrabasic - the first 25' of core is quite badly broken up - and for the most part seems to be a peridotite to a serpentinized peridotite - a pitted weathered nature too - as if the olivines were weathering out. Quite strongly magnetic, soft. Some pale green serpentine on slips plus a few carbonate stringers. The rock here is dark green to black.						
		Around 230 we start to get a few sub-angular to subrounded blebs of carbonate in the ultrabasic and by 240 the ultrabasic is very well speckled. The carbonate seems to have a high magnesium content - white in colour, soft, and effervesces weakly in HCl.						222
		The ultrabasic ends along some ground core @ 254. The ultrabasic is not/as magnetic at the lower contact either.						
254	341.6	At first the rock looks dacitic but we get right into a whole zone of graphitic material before returning to the dacite again.						
		At 255 we have about one foot of small dacitic fragments in a graphitic matrix -						

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
 Tully Township

HOLE NO. TUL-6-73 2.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		then by 257.5 the only mineral noted is						
		graphite. At 255 the dacite is pale green						Au + geochem.
		sericitic with some rusty staining probably	254	257		3		C1+gf - minor str.
		from the weathering of pyrite.	257	260		3		gf+CO ₃ " "
		257.5-270 - all graphitic, carbonaceous	260	262		2		" " "
		material, fairly soft dark grey to black -	262	265		3		" " "
		pitted and weathered. Quite a bit of car-	265	267		2		" " "
		bonate here as well.	267	270		3		GRT - good frags. few str.
		270-282.5 - Graphite - carbonate matrix	270	272		2		" " " " "
		with large (up to 2") fragments. The	272	275		3		" " " " "
		fragments are grey to white in colour and	275	277		2		" " " " "
		quite hard. Some contorted banding in	277	280		3		" " " 5% "
		the matrix plus lineations at varying	280	282		2		" " " minor "
		angles to the core axis - some as low as 10°						322
		up to approximately 60°.	282	285		3		C1w.gf - minor str.
		After 282.5 the graphite content	285	287		2		" " 5% "
		gradually decreases and the carbonate	287	290		3		" " minor "
		content increases. There are some narrow	290	292		2		" " " "
		bands of graphitic material (usually con-	292	295		3		" " " "
		torted) up to around 300. One of the	295	297		2		" " " " some rust
		grey white fragments (1") at 286, plus the	297	300		3		" " " " " "
		best zone with contorted banding, graphitic	300	305		5		" w.J 5% "
		at 291 (6").	305	310		5		" " 10% "
		Throughout this whole zone there are	310	315		5		J.C1 20% "
		some rusty coloured wisps in the core -	315	320		5		" 20% "
		which appear to be hematite. Unfortunately	320	325		5		" 30% "

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP

Tully Township

HOLE NO. TUL-6-73

3.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		very little pyrite is seen.						
		This last zone (after 282.5) seems to						
		be close to a normal dacite.	325	330		5		J-01 = 25% str.
		From 300 on the carbonate content rapidly	330	335		5		" 20% "
		increases, although the rock remains quite	335	340		5		" 25% "
		grey in colour - gradational with the unit	340	342		2		" 30% " - some gf.
		above. After 305.4 the rock is more aptly	342	345		3		Quartz with graphite
		described as a carbonate rock, although	345	347		2		" " "
		there is no abrupt colour change until	347	350		3		" " "
		312.4.	350	351		1		" " "
		Here the rock is sort of a yellowish	351	353		2		" " "
		olive colour with some greyish quartz	353	355		2		90% quartz + gf - short graphitic-
		stringers and calcite.						carbonaceous unit.
		From 315 to 317.3 - greyish carbonate	356	357		1		Quartz + graphite. 232
		rock - appears more like a normal dacite,	358	360		2		Dacite - w.gf. in tiny str.
		317.3-341.6 - carbonate rock -	362.4	363		.6		Carbonaceous C ₁ - minor gf.
		yellowish olive at first grading olive to	365	370	64%	5		gg dac. carbonaceous
		green after a couple of feet. The lower	370	374	80%	4		gg dacite - minor gf.
		contact is yellowish olive in colour again.	374	376		2		Graphitic tuff.
		In the central greener zone some serpentine	376	380		4		Dacite with gf.
		along carbonate stringers. Some rusty	380	384		4		Dac. + dacite tuff.
		slips - very minor pyrite.	384	388		4		Dac. + dac.tuff - minor py.
341.6	357	4" of graphite at first then a unit of						
		entirely quartz--fractured with introduced						
		graphite or the quartz was injected into a						
		graphitic unit. This second theory seems						

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
 Tully Township

HOLE NO. TUL-6-73

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		most plausible.						
		Sample for D.A. Moddle @ 346.5.						
		The quartz is white and quite bullish.						
		Narrow grey graphitic-carbonatized units						
		(2). 354-355.						
		355-356 - lost core.						
		356-357 - quartz with graphite broken						
		up core.						
357	388	Most of this zone is dacite - similar						
		to that encountered near the top of the						
		hole where there was a gradation from the						
		graphitic member to the carbonate zone.						
		This zone is quite badly broken up with						
		considerable lost and broken core. The						222
		dacite is normally grey to grey green in						
		colour and commonly fractured with narrow						
		stringers of graphitic material at variable						
		angles to the core. Most of this zone is						
		schistose also at a low angle to the core.						
		Some graphitic units, narrow, black						
		sheared with tiny carbonate stringers.						
		In the last section from 377 to 388						
		there are a couple of tuffaceous units,						
		which because of the broken core cannot						
		be logged individually. The tuffs consist						
		of small closely packed fragments that						

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
Tully Township

HOLE NO. TU1-6-73 5.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		lend a weakly brecciated appearance to the core. There are some orangish-pink sub-angular blebs here as well - their mineralogy is unknown. There is also generally a bit more disseminated pyrite with the tuff units. The remaining rock in this zone is the grey to grey green dacite - massive like the unit described above. The tuffs also have the graphitic slips at low angles to the core as the more massive dacite does. The cross fracturing with narrow stringers containing graphite is not as prominent in the tuff however.						222
		357-358 - lost core.						
		358-360 - massive dacite, carbonatized, some graphite in narrow stringers with cross fracturing. Last 4" more graphitic.						
		360-362.4 - lost core + minor ground dacite.						
		362.4-362.9 - dacite - greener in colour with weakly chloritic slips @ 35° to C.A.						
		362.9-365.8 - lost core.						
		365.8-367.9 - grey green dacite, with cross fracturing, minor graphite.						

NORTH _____
 EAST. _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY _____ TULLY #1 GROUP _____

Tully Township

HOLE NO. TUL-6-73

6.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		367.9-369 - lost core.						
		369-371.1 - grey green dacite as above with graphite, some brecciation along narrow quartz stringers.						
		371.1-371.7 - lost core.						
		371.7-374 - grey green dacite as above - greyer and more graphitic after 372.4.						
		374-376 - graphitic tuff - strongly graphitic, narrow carbonate stringers or veinlets - 40 - 70° to core. Schistosity at 10° to subparallel to core.						
		376-376.7 - dacite, grey green schistose at low angle to core with graphite.						
		376.7-377 - 3" graphitic band, highly graphitic, somewhat brecciated with quartz- carbonate veins - narrow veins. Schistosity @ 20-30° to core.						222
		377-388 - dacite, some massive sections and some tuff-like sections badly broken.						
	388	END OF HOLE - hole lost after 3 attempts at cementing due to water seam plus badly broken ground.						

Location of Collar from "4-P-255751" South 340' East 48'

FORM 522

NORTH 23+00N
 EAST XL 26W
 ELEV. Surface
 AZIM. Grid South 180°
 DIP. Collar @ 55°

DIAMOND DRILL REPORT

HOLE NO. TUL-7-73
 COMMENCED September 30, 1973
 FINISHED October 10, 1973
 PURPOSE OF HOLE Test BH and Mag.

PROPERTY TULLY #1 GROUP
 Claim P-255751, Tully Township

Drilled by Bradley Bros.

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
0	52	CASING.						
52	109.5	Dacite: rather pale grey green in color with a few short breccia zones to schistose zones that would appear to indicate that this unit is pillowed. Quite strongly carbonatized with accessory calcite in narrow stringers and tiny flecks. Very little pyrite in the first few feet but after 84 the amount of pyrite generally tends to increase. Some slight pitted and weathered material in this unit probably due to the accessory carbonate content. Around 102 there is some broken core and here the dacite becomes slightly darker green in colour and more silicified - it does not effervesce in acid after 102. The dacite, at the contact with the intrusive, is bleached paler grey green. Contact is somewhat irregular at approx. 25° to the core axis.						
109.5	238.8	Intrusive - that grades towards a bluish black ultrabasic. The zone starts off in a greenish gabbroic rock that has progressively more carbonate along the zone until around 123						222

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY _____ TULLY #1 GROUP _____

Tully Township

HOLE NO. TUL-7-73

2.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		where the rock is a dark green to blackish carbonate phase of the ultrabasic. This whole section effervesces quite vigorously with HCl - while further on in the hole the main carbonate is of the magnesium variety and does not react.						
		The magnetite content gradually increases along the ultrabasic and it is weak to moderately magnetic around 140 and then quite abruptly more strongly magnetic after 150. The ultrabasic is quite well cut up by carbonate stringers - usually of the magnesite type. A few stringers with serpentine especially after 160.						
		From 227.5 to the end of the zone the ultrabasic is mostly carbonate - grey to pale green and buff coloured - the last 2 feet mostly brecciated carbonate-magnesite.						
238.8	265.9	Brecciated contact with strongly carbonatized dacite-magnesite type of carbonate. There are a couple of zones that appear to be completely brecciated carbonate with dacite - contacts gradational	250	255		5		Dacite w. magnesite
			255	260		5		" " "
			260	265		5		" " "
			265	266		1		" " "
		Carbonate zones @ 250.7-251.2; 252-252.5	266	267		1		Graphite
		252.8-260.4.	267	270		3		Speckled carbonatized A ₂
		A couple of narrow graphitic bands with	270	275		5		Speckled carbonatized A ₂

222

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
 Tully Township

HOLE NO. TUL-7-73

3.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		dacite fragments as at: 261.9 - at 35° to core and @ 265.6 along the core. Plus a few narrow graphitic stringers. The dacite is greyish to buff in colour - some sericite which is more pronounced in carbonate zones. Weak lineation at 80-85° to core in more altered sections. Minor pyrite and a couple of specks of chalcopyrite; some rust.						
265.9	267	Graphite - graphite is the only mineral noticeable - fault gouged as well.						
267	281	Both contacts broken to medium to dark green andesite - Speckled with calcite - plus a few narrow carbonate stringers. Minor pyrite. Becomes lighter in colour at lower contact.						222
281	287.3	Lost core.						
287.3	393.0	Dacite - quite well carbonatized with a couple of graphitic sections. The start of this zone is highly broken up dacite - quite a dark grey in colour - schistose approximately normal to core. Where the broken pieces are larger the dacite is weakly brecciated and looks tuffaceous. 291-292 - more graphitic tuff black,						

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
Tully Township

HOLE NO. TUL-7-73 4.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		broken, minor carbonate pyrite. Schistosity nearly normal to core.						
		292-301 - banded altered dacite - varies from pale grey green to quite dark grey with varying graphite content. Brecciated with small lense shaped fragments easily noted in the more graphitic sections. Minor pyrite, some sericite alteration.						
		After 301 we grade into a more massive dacite that is only weakly banded, carbonatized. No fragments, not even breccia type occurrences.						
		Some sections with graphite but generally the dacite is the pale grey green colour away from these zones.						222
		308.7-309.6 - banded graphitic - dacitic with calcite, banding at 75° to core.						
		329-332.1 - black graphitic zone, not banded - upper contact ground, lower contact gradational into dark grey dacite - weakly schistose at bottom at 75°.						
		Minor banding in the dacite, accessory carbonate (as calcite). Minor pyrite.						
		Around 347.9 we start to get a few irregular narrow stringers with graphite	345	350		5		Carbonatized dacite.

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

HOLE NO. TUL-7-73

5.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

PROPERTY TULLY #1 GROUP
 Tully Township

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		in the dacite as we grade into a short breccia zone to 353.9 with graphitic stringers and large fragments of dacite to 2" in size. There are short massive sections here of dacite as well.						
		After 353.9 we enter a strongly carbonatized dacite; minor narrow zones with traces of graphite. One small graphitic fragment at 362.2. The dacite has mostly large irregular blebs plus a few very narrow stringers of calcite while after 375 the carbonate tends to occur in tiny flecks in the dacite. The dacite in this zone (after 353.9) is a bit more chloritic than previous and where the contorted type stringers end the rock appears to be more andesitic - the last few feet again, however, are lighter in colour - more of a grey green like the dacite further up the hole.						222
		Minor pyrite noted.						
393	422.1	Contact broken at 50° to a short zone about one foot of contact material - schistose at 50° to core, light green sort of translucent nature to contact as if serpentized. Very weakly carbonatized.						

NORTH _____
 EAST. _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY _____ TULLY #1 GROUP
 Tully Township

HOLE NO. TUL-7-73

6.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		After this one foot with broken core the rock is a dacite breccia with interstitial graphitic material throughout. All of the fragments are dacite - pale to quite dark grey green. Minor pyrite, both in cubes and fine lense-like stringers. Lower contact broken along a weak schistosity @ 60° to core.						
422.1	465.4	Broken contact with the dacite breccia to a graphitic tuff - black, quite strongly graphitic locally, minor pyrite, some as small lenses, few cubes and some nodular occurrences. Few hairline stringers of calcite.						222
		422.1-422.9 - weakly banded graphitic tuff - bands at about 55-60° to core. Few lenses of pyrite. Cleaves at about 70-75° to core.						
		422.9-424.8 - lost core.						
		428.4-457 - with lost core from 440 to 441.1 - graphitic tuff - no crude banding noted - only the general schistosity developed between hairline carbonate stringers and a cleavage at approximately 60° to core. Some narrow stringers with pyrite, some nodular pyrite. Carbonatized.						

NORTH. _____
 EAST. _____
 ELEV. _____
 AZIM. _____
 DIP. _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP

Tully Township

HOLE NO. TUL-7-73

7.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		457-465.4 - rather sharp contact to a graphitic zone that is crudely banded with greyer material. These greyer bands are at approximately 60° to the core and appear granular with specks of carbonate (and quartz?) in a graphitic matrix. Unlike the just previous unit, this zone is dusted with fine pyrite - no nodular or stringer type occurrences. Few irregular occurrences like fragments up to 1".	450	455		5		GRT - 5% py - nodular & str.
465.4	801	Poor contact at 55° to a dacite fragmental. The first few feet (up to 472.6) are quite graphitic more or less gradational from the previous unit. Some individual graphitic bands. Most of the rock, however, is a dark grey dacite with occasional grey, pale grey and whitish angular fragments up to about an inch in size. Scattered pyrite.	455	460		5		GRT - 7% " " + fine in bands
		472.6-483.7 - a further gradation - less graphite, fragments up to 2" and similar to previous section as far as type. Material interstitial to the fragments is very dark grey in colour.	460	465		5		GRT - grey bands 7% fine pyrite
			465	470		5		Dacite frag - lots ²²² graphite - 5% py
			470	475		5		" " - fair gf - 5% py
			475	480		5		" " - minor gf - 3% py
			480	485		5		" " " " minor "
			485	490		5		" " 3% py po
			490	495		5		" " 3% " "
			495	497		2		" " minor py po
			497	498		1		" " w.mass.py. 60% py
			498	500		2		" " 7% py po
		483.7-569.1 - gradation completed to a						

NORTH _____
 EAST. _____
 ELEV. _____
 AZIM. _____
 DIP. _____

DIAMOND DRILL REPORT

PROPERTY _____ TULLY #1 GROUP _____
 Tully Township

HOLE NO. TUL-7-73

8.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		dacite fragmental - grey matrix at first grades to pale grey to a pale grey green at 496. Fragments include grey cherty, whitish cherty, greenish dacitic and some pale greenish bleached dacite. A few blebs of pyrrhotite - up to 1" .						
		Band of massive pyrite from 493.3 to 493.8 plus malformed cubes of pyrite scattered along the core and sometimes pyrite rimming fragments and along stringers in a rough cubic habit. Pyrite band - upper contact @ 60°; lower irregular - roughly @ 45°.	500	505		5		Dac.frag. - 7% py po
			505	510		5		" " 3% py po some gf.
			510	515		5		" " 5% " "
			515	520		5		" " 3% " " 222
		Continue in the dacite fragmental with the pale green to greyish matrix up to 569.1. No fragment lamination as previous. The number of small pyrrhotite blebs are more frequent here - surrounded by graphite as if they were fragments, plus locally they are completely rimmed by pyrite.	520	525		5		" " 5% " "
			525	530		5		" " 3% " "
			530	535		5		" " 3% " "
			535	540		5		" " 3% " "
			540	545		5		" " 5% " "
			545	550		5		" " 3% " "
			550	555		5		" " 3% " "
		Sulphide content is fairly consistent around 5-7% - mostly pyrite. Very few stringers - most are carbonate. Some narrow hairline stringers with pyrite usually at a low angle to the core.	555	556.5		1.5		" " 3% " "
			556.5	557.5		1		" " 70% py, tr.po
			557.5	560		2.5		" " 3% py po
			560	565		5		" " 5% " "
			565	570		5		" " 3% " "
		From 506 to 509 numerous fragments in a	570	575		5		More graphitic frag - 10% py tr.po

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP

Tully Township

HOLE NO. TUL-7-73
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		darker grey, slightly graphitic matrix; grades back to the pale green dacite.						
		556.6-557.3 - massive pyrite.						
		568-569.1 - irregular contacts to a large fragment of greyish dacite - or is it a more massive band of dacite.						
		569.1-574.4 after this large fragment - dacite fragmental - dark grey matrix grading more graphitic along this zone. Fair pyrite, numerous fragments - types like before.						
		574.4-580.4 - strongly graphitic zone - up to 576.6 there are a few dacitic fragments with about 20% pyrite. After 576.6 the zone is mainly just graphite - weakly banded at 60° to core - around 7% py.	575	577		2		GRT - 20% py
			577	580		3		" 7% " 222
			580	582		2		Dac.frag. - 25% py
			582	585		3		" " 10% "
			585	587		2		" " 15% "
			587	590		3		" " 7% "
		580.4-595 - dacite fragmental - numerous fragments in a very dark grey to black matrix. Most of the fragments are dacitic - up to 2" in size and elongated at approximately 70° to the core. There are only a few grey cherty and white cherty fragments. The dacitic fragments are a pale yellowish brown colour. Around 5-7% disseminated pyrite.	590	592		2		" " 7% "
			592	595		3		" " 7% "
			595	597		2		Dac. bx 3% "
			597	600		3		" " minor py
			600	602		2		" " 7% py
			602	605		3		" " 10% "
			605	607		2		Graphitic + qtz + serp. 7% py
			607	610		3		Dac. bx 7% py
			610	612		2		" " 5% py

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY _____ TULLY #1 GROUP
 Tully Township

HOLE NO. TUL-7-73 10.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		@ 595 - short carbonate stringer.						
		595-615.5 - appears to be more of a	612	615		3		Dac. bx 5% py
		dacite breccia than a fragmental plus	615	617		2		Dac. frag 7% "
		some graphite. The only fragments seen	617	620		3		" " 5% "
		yellowish are/brown (dacite?) in a dark grey to	620	622		2		" " 5% "
		black matrix. In some places the frag-	622	624		2		" " 5% "
		ments are very closely packed and there is	624	625		1		Cherty grey 10% py
		very little matrix; elsewhere more matrix	625	627		2		" " 10% "
		and numerous smaller fragments elongated	627	629		2		" " mostly py (60%)
		at up to 80° to the core axis. Some varying	629	630		1		Dacite 7% py
		trends to the elongation of the fragments.	630	632		2		" - minor py, some qtz pink CO ₃
		We start to get some pinkish carbonate						
		here as well in small stringers (to 2") at	632	635		3		" - 3% py, some qtz pink CO ₃
		various angles to the core.						222
		605.4-605.9 - graphitic with pink car-						
		bonate, broken core.						
		606-606.6 - quartz stringer with pale						
		green serpentine.						
		607-607.7 - quartz stringer, some pink						
		carbonate, some graphite.						
		607.7-610 - darker, to black more						
		graphitic section in the breccia. Lineation						
		at 50° to core, 10% pyrite fragments						
		greyer with the extra graphite.						
		615.5-616.1 - blue grey silicification						
		along the core - rock type seems to change						

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP

Tully Township

HOLE NO. TUL-7-73

11.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		slightly here to more of a dacite frag-						
		mental again although this silicification	635	640		5		Dac.-dac.bx- few pink CO ₃ str
		does not cut across the core to end the	640	645		5		minor py.
		above horizon.	645	650		5		" " " 15% pink CO ₃ "
		616.1-624.1 - up to 617.7 still some	650	655		5		3% py
		greyish silica then a pink carbonate	655	657		2		" " " 10% mostly pink
		stringer. - more variability in fragments	657	660		3		strs., minor py.
		some bleached, some dusted with pyrite	660	665		5		" " " 7% str. 5% py
		and greyer. After 617.7 greyish dacitic	665	670		5		" " " minor str minor py
		matrix with scattered fragments, some	670	675		5		Dac.bx.gf - few str minor py
		dacitic, some greyer and dusty with pyrite	675	680		5		" " " 15% " " "
		Some very fine stringers often around	680	685		5		" " " 7% " 5% "
		fragments giving the core a netted	685	690		5		" " " 7% str (mostly pink)
		appearance locally. Moderately pyritic.	690	695		5		7% py.
		Zone ends with 2" massive py.	695	698		3		" " " 10% str mostly pink
		624.1-628.7 - mostly darker greyish	698	700		2		3% py
		silicification with the last part - from	700	701		1		" " " 5% str " "
		628.3-628.7 almost massive pyrite. Some	701	705		4		5% py
		pink carbonate, some quartz stringers.	705	709		4		" " " 5% str
		A couple of white cherty fragments noted.	709	710		1		5% py
		628.7-657.4 - dacite to dacite breccia	710	715		5		" " " 10% str 222
		- up to 640 the dacite is almost massive	715	720		5		7% py.
		with only a couple of sections where there						" " " 7% str. " "
		is brecciation - fine net like silicifi-						" " " 10% py
		cation around fragments in these zones.						" " " 50% str
		Some pyrite and graphite in a couple of						minor py

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
 Tully Township

HOLE NO. TUL-7-73

12.

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		stringers at the first of the zone. Up						
		to 640 the dacite is greyish to grey buff	720	725		5		Dac.bx - minor strs. 5% py
		colour, after that the dacite is more of	725	730		5		" " 5% " 3% "
		a grey green colour. The last 17 feet	730	735		5		" " 5% " 3% "
		shows nearly continuous brecciation with	735	740		5		" " 5% " 3% "
		a few more massive sections. The breccia	740	745		5		" " minor " 3% "
		consists of dacitic fragments - the same	745	750		5		" " " " minor py
		as the more massive material in a bleached	750	755		5		" " " " " "
		grey-white siliceous matrix. Few pink	755	760		5		" " " " " "
		carbonate stringers at various angles to	760	765		5		" " " " some pink CO ₃
		the core. Some hairline stringers, mostly						minor py.
		nearly along the core - some with pyrite,						
		some rusty, some silicified.						222
		657.4-768.2 - dacite breccia - all	780	785		5		Dac.bx - brownish chlorite alt,
		fragments noted seem to be dacite - only						minor strs.
		subtle colour changes with accessory						minor py.
		pyrite or graphite in the area. This unit	790	795		5		Dac.bx - fair carbonate
		is separate from the preceding unit in						minor py.
		that the matrix is dark grey to black and						
		slightly graphitic. Fair amount of pyrite						
		here - average 5-7%. Few pinkish and some						
		white carbonate stringers - often pitted.						
		Around 755 the breccia becomes quite a bit						
		weaker - mainly narrow irregular stringers						
		with dark graphitic material scattered						
		along the dacite.						

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY TULLY #1 GROUP
 Tully Township

HOLE NO. TU1-7-73 14.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		GEOCHEMISTRY + THIN SECTION						
G	52	Grey green carbonatized dacite.						
G + TS	75	Pitted-grey green carbonatized dacite.						
G * TS	100	Greyer carbonatized dacite - thin section has breccia zone - pillow margin.						
G + TS	125	Dark green carbonate portion of ultrabasic.						
G + TS	150	Blue black ultrabasic.						
G	175	Blue black ultrabasic, extra magnesite.						
G + TS	200	Blue black ultrabasic.						
G	225	Mostly carbonate phase of ultrabasic.						
G + TS	250	Grey buff dacite - w. compositional magnesite, minor pyrite.						
G + TS	275	Speckled carbonatized andesite.						
G + TS	300	Banded dacitic tuff - yellowish.						222
G	325	Quite well carbonatized dacite.						
G + TS	350	Quite well carbonatized dacite.						
G	375	Carbonatized dacite - more chloritic.						
G * TS	400	Brecciated dacite w. graphite.						
G	425	Graphitic tuff.						
G	450	Graphitic tuff.						
G + TS	475	Dacite fragmental - some graphite.						
G + TS	500	Bleached pale grey green dacite frag. py po						
G + TS	525	Pale grey green bleached dacite, minor po py						
G + TS	550	Pale grey green bleached dacite, minor po py						

NORTH _____
 EAST. _____
 ELEV. _____
 AZIM. _____
 DIP. _____

DIAMOND DRILL REPORT

HOLE NO. TUL-7-73

COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

PROPERTY TULLY #1 GROUP
 Tully Township

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		GEOCHEMISTRY + THIN SECTION						
G + TS	575	Dacite breccia - fair graphite - 15% py						
G	595	Dacite breccia graphitic matrix yellow-brown fragments.						
G + TS	625	Greyish silicified section - some white cherty fragments here.						
G + TS	650	Dacite breccia - grey white bleached matrix.						
G	675	Dacite breccia - graphitic matrix.						
G + TS	705	Dacite breccia - graphitic matrix.						
G	725	Dacite breccia - " " py.						
G + TS	750	Dacite breccia - " " py						
G	775	Local bx within near massive dacite here.						
G + TS	800	Brecciated dacite with carbonate.						222
		<i>Dale R. Alexander.</i>						
		HOLLINGER MINES LIMITED						
		TIMMINS, ONTARIO						