

Diamond Drilling

Township of Taylor

Report No: 12

Work performed by: N.A. Timmins Expl. (Ont.) Ltd.

Claim No	Hole No	Footage	Date	Note
Haley Patented ground	T-1	95'		(1)
	T-2	95		(1)
	T-3	972'		(1)
	T-10	390'		(1)
Turney patented ground	T-4	453'		(1)
	T-5	829'		(1)
	T-6	986'		(1)
	T-7	1002'		(1)
	T-8	134'		(1)
	T-9	820'		(1)
	T-11	165'		(1)
	T-12	712'		(1)
L. 44196	T-13	1067'		(1)
L. 48817	T-14	1002'		(1)

8722

14

2617

Notes:

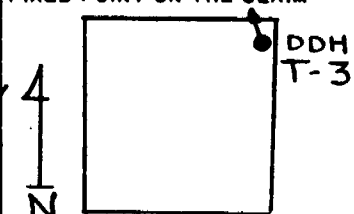
- (1) only cross-sections available
-all work performed spring/45-March/46, map autopositive enclosed.
- (2) Logs supplied from Kirkland Lake Resident Geologists Office, Sept./86



Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. T-3 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION 983'	BEARING OF HOLE FROM TRUE NORTH 345 az	TOTAL FOOTAGE 975'	DIP OF HOLE AT collar 60	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 	MAP REFERENCE NO. 42-A-10	CLAIM NO. 314
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	54 ft 51	LOCATION (Tp., Lot, Con. OR Lat. and Long.) Lot 4 TAYLOR CONC II TWP.			
EXPLORATION CO., OWNER OR OPTIONEE N. A. TIMMINS EXPLORATION (ONT.) LTD.		DATE SUBMITTED	SUBMITTED BY (Signature) J. ARMSTRONG	200 ft 49°30'	530 ft 47°		PROPERTY NAME TAYLOR TWP. GROUP.	

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
							FROM	TO			
0	108	OVERBURDEN									
108	180	ANDESITE									
180	285	AMYGDALOIDAL	- Basic Amygdaloidal Lava				264	265	1.0'	0.01	oz/T Av
285	294	DACITE	PORPHYRY								
294	300	AMYGDALOIDAL	LAUA.								
300	308	DACITE	PORPHYRY								
308	377	AMYGDALOIDAL	LAUA.								
377	393	DIABASE	- Olivene Diabase								
393	509	AMYGDALOIDAL	LAUA.				475	476	1.0'	0.01	oz/T Av
509	558	SYENITE	PORPHYRY - Coarse-grained - Pink - Large Crystals of Plagioclase				509	514	5.0'	0.01	oz/T Av
558	597	ANDESITE	- Shearing								
597	600	SYENITE	PORPHYRY - Pink - Fine-grained								
600	643	ANDESITE	- Shear Zone - 10% Quartz				630	635	5.0'	0.01	oz/T Av
643	645	SYENITE	PORPHYRY - Fine-grained - Pink								
645	655	ANDESITE	- Shear Zone								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.



Ontario

THE MINING ACT - MINISTRY OF NATURAL RESOURCES
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. T-3 PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH 975'	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO. 314	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE No. 10 TIMMINS EXPLORATION (ONT) LTD.		DATE SUBMITTED	SUBMITTED BY (Signature)		ft				
					ft				PROPERTY NAME

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
655	657	SYENITE	PORPHYRY - Fine-grained - Pink				655	657	2.0'	0.01	0.2/T Au
657	700	ANDESITE	- Shear Zone				660	665	5.0'	0.01	0.2/T Au
							690	695	5.0'	0.01	0.2/T Au
700	702	SYENITE	PORPHYRY - Fine-grained - Pink								
702	706	ANDESITE									
706	715	SYENITE	PORPHYRY - Gray to Pink - Coarse-grained								
715	717	SYENITE	PORPHYRY - Pink - Fine-grained								
717	835	DIORITE									
835	838	SYENITE	PORPHYRY - Pink - Fine-grained.								
838	950	BASIC FLOW	- Flow Top - Shear Zone				838	840.5	2.5	0.01	0.2/T Au
							845	847.5	2.5	0.02	0.2/T Au
							890	892	2.0'	0.01	0.2/T Au
							910	913	3.0'	0.01	0.2/T Au
950	959	GRANITE	- Granitic Dike				937	940	3.0'	0.02	0.2/T Au
959	975	ANDESITE	- 20% Quartz - Shear Zone								
	975	END OF HOLE									

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HOLE NO. T-4 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION 1010'	BEARING OF HOLE FROM TRUE NORTH 345° PL	TOTAL FOOTAGE 452'	DIP OF HOLE AT collar 145	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 42-A-10	CLAIM NO.		
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft ft ft ft		LOCATION (Tp., Lot, Con. OR Let. and Long.)			
EXPLORATION CO., OWNER OR OPTIONEE No. A. TIMMINS EXPLORATION (ONT.) LTD.		DATE SUBMITTED MARCH 14 1966	SUBMITTED BY (Signature) J. ARMSTRONG				CONC III LOT 4 TAYLOR TWP.		PROPERTY NAME TAYLOR TWP GROUP	

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS +	
0	127	OVERBURDEN									
127	273	AMYGDALOIDAL LAUA	- Leached Zone								
273	303	ANDESITE									
303	308	SYENITE	PORPHYRY - Pink - Fine-grained								
308	344	ANDESITE	- Shear Zone - 10% Quartz								
344	352	SYENITE	PORPHYRY - Pink - Fine-grained								
352	372	ANDESITE	- Shearing - 10% Quartz								
372	374	SYENITE	PORPHYRY - Pink - Fine-grained								
374	383	ANDESITE	- Shearing - 10% Quartz								
383	418	SYENITE	PORPHYRY - Pink - Fine-grained				383	386.7'	3.7'	0.03'	oz/T Au
							389	393	4.0'	0.01'	oz/T Au
							393	398	5.0'	0.02'	oz/T Au
							398	400	2.0'	0.01'	oz/T Au
418	452	SYENITE	PORPHYRY - Gray - Coarse-grained								
452		END OF HOLE									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.



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DIAMOND DRILLING LOG

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HOLE NO. T-5 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION 1010'	BEARING OF HOLE FROM TRUE NORTH 345° AZ	TOTAL FOOTAGE 830'	DIP OF HOLE AT collar 50°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 42-A-10	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	450 ft 49			LOCATION (Twp., Lot, Con. OR Lat. and Long.) LOT 4 TAYLOR CON III TWP.		
EXPLORATION CO., OWNER OR OPTIONEE N.A. TIMMINS EXPLORATION (ONT.) LTD.		DATE SUBMITTED	SUBMITTED BY (Signature) MARCH 46 J. ARMSTRONG	ft	ft		DDH* T-5	PROPERTY NAME TAYLOR TWP GROUP	
				ft	ft				

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS +
0	116	OVERBURDEN								
116	270	AMYGDALOIDAL LAVA	- Leached Zone							
270	312	ANDESITE								
312	317	SYENITE PORPHYRY	- Fine-grained - Pink							
317	345	ANDESITE	- Shear Zone - 10% Quartz							
345	355	SYENITE PORPHYRY	- Fine-grained - Pink							
355	374	ANDESITE	- Shear Zone - 10% Quartz							
374	382	SYENITE PORPHYRY	- Pink - Fine-grained							
382	435	ANDESITE	- Shear Zone - 40% Quartz				400	405	5.0'	0.07 oz/T Au
							410	416	6.0'	0.01 oz/T Au
435	479	SYENITE PORPHYRY	- Gray - Coarse-grained				440	453	13.0'	0.01 oz/T Au
479	491	ANDESITE	- Shearing - 20% Quartz							
491	525	SYENITE PORPHYRY	- Pink - Fine-grained				517	525	8.0'	0.01 oz/T Au

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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HOLE NO. T-5
PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	ft			LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE N.A. TIMMINS EXPLORATION (ONT) LTD.		DATE SUBMITTED	SUBMITTED BY (Signature)	ft			TAYLOR TWP.	
				ft			PROPERTY NAME	

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †	
							FROM	TO			
525	542	ANDESITE	- 10% Quartz - Shearing				535	540.5	5.5'	0.05	oz/T Au
542	563	GRANITE	- Granitic Dike 70% Quartz				550	555	5.0'	0.05	oz/T Au
563	648	ANDESITE	- Shear Zone				570	571.6	1.6'	0.02	oz/T Au
							614	624	10.0	0.05	oz/T Au
							639	641.5	2.5'	0.05	oz/T Au
648	669	BASIC FRAGMENTAL VOLCANICS									
669	788	QUARTZ CARBONATE ZONE	- 50% Quartz Ankerite - Fuchsite				715	725	10.0	0.05	oz/T Au
							725	730	5.0'	0.015	oz/T Au
							730	735	5.0'	0.015	oz/T Au
							765	780	15.0'	0.005	oz/T Au
788	827	SEDIMENTS	- Slates & Graywackes								
827	830	TALC SERPENTINE SHEAR									
	830	END OF HOLE									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



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HOLE NO. T-6
PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION 1010	BEARING OF HOLE FROM TRUE NORTH 345° AZ	TOTAL FOOTAGE 990'	DIP OF HOLE AT collar 45° 31'	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 42-A-10	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	55" 48° 310" 50° 500" 51° 700" 45°			LOCATION (Tp., Lot, Con. OR Let. and Long.) LOT 4 TAYLOR CONC 3 TWP.	
EXPLORATION CO., OWNER OR OPTIONEE No. 9. TIMMINS EXPLORATION (ONT) LTD.		DATE SUBMITTED MARCH/46	SUBMITTED BY (Signature) J. ARMSTRONG				PROPERTY NAME TAYLOR TWP. GROUP	

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †	
							FROM	TO			
0	55	OVERBURDEN									
55	63	ANDESITE									
63	93	SYENITE PORPHYRY	- Gray - Coarse-grained				72'	84'	12.0'	0.005 oz/T Au	
93	123	ANDESITE	- 15% Quartz								
123	135	SYENITE PORPHYRY	- Pink - Fine-grained								
135	160	ANDESITE	- 20% Quartz - Shear Zone				153'	160'	7.0'	0.005 oz/T Au	
160	164	GRANITE	- Granitic Dike								
164	209	ANDESITE	- 20% Quartz - Shear Zone				164'	170.1'	6.1'	0.015 oz/T Au	
209	210	SYENITE PORPHYRY	- Pink - Fine-grained								
210	242	ANDESITE	- Shear Zone				210'	220'	10.0'	0.015 oz/T Au	
							220'	230'	10.0'	0.005 oz/T Au	
							230'	240'	10.0'	0.01 oz/T Au	
242	261	BASIC FRAGMENTAL VOLCANICS					240'	250'	10.0'	0.01 oz/T Au	
261	295	ANDESITE	- Quartz 10% - Shear Zone								
295	343	SEDIMENTS	- Keewatin - Slate & Graywacke								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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DIAMOND DRILLING LOG

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HOLE NO. T-6 PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		42-A-10	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
No. A. TIMMINS EXPLORATION (ONT.) LTD.					ft		PROPERTY NAME	

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †	
							FROM	TO			
343	493	QUARTZ CARBONATE ZONE	- 50% Quartz - Ankerite, Fuchsite				343'	353'	10.0'	0.01	0.2/T Av
							365'	370'	5.0'	0.025	0.2/T Av
							390'	400'	10.0'	0.01	0.2/T Av
493	522	SEDIMENTS	- Keewatin - Slates & Graywackes								
522	531	BASIC FRAGMENTAL VOLCANICS									
531	780	SEDIMENTS	- Keewatin - Slates & Graywackes				720'	730'	10.0'	0.01	0.2/T Av
		715' - 780'	- Well Consolidated - Shear Zone - Talk Serpentine Shear				740'	750'	10.0'	0.01	0.2/T Av
							776.5'	780'	3.5'	0.01	0.2/T Av
780	786	TRACHYTE					780'	785'	5.0'	0.01	0.2/T Av
786	787	APLITE DIKE									
787	836	SEDIMENTS	- Keewatin - Slate & Graywacke - Shear Zone								
836	840	QUARTZ VEIN					839'	840'	1.0'	0.01	0.2/T Av
840	963	SEDIMENTS	- Keewatin - Slate & Graywacke - Poorly Consolidated								
963	967	QUARTZ VEIN									
967	990	SEDIMENTS	- Slate & Graywacke								
	990		END OF HOLE								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



DRILLING COMPANY		COLLAR ELEVATION 1008'	BEARING OF HOLE FROM TRUE NORTH 345° AZ	TOTAL FOOTAGE 1000.5'	DIP OF HOLE AT collar 43° 15'	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 42-A-10	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY				LOCATION (Twp., Lot, Con. OR Lat. and Long.) CONC. III TAYLOR TWP. LOT 4	
EXPLORATION CO., OWNER OR OPTIONEE N.A. TIMMINS EXPLORATION (ONT.) LTD.		DATE SUBMITTED MARCH 14 1966	SUBMITTED BY (Signature) J. ARMSTRONG				PROPERTY NAME TAYLOR TWP. GROUP.	

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +
FROM	TO						FROM	TO		
0	122	OVERBURDEN								
122	344	SEDIMENTS	- Keewatin - Slate & Graywacke - Well Consolidated 255 - Quartz Stringers 260-344 Shear Zone - Talc Serpentine Shear							
344	346	APLITE	DIKE							
346	732	SEDIMENTS	- Keewatin - Slate & Graywacke 346-355 - Shear Zone 346-600 - Poorly Consolidated 600-732 - Well Consolidated 515'-560' Talc Serpentine Shear							
732	733.5	QUARTZ	VEIN							
733.5	1000.5	SEDIMENTS	- Keewatin 733.5' - 820' Graywacke 820' - 850' Quartz Stringers 850' - 1000.5' - Slate & Graywacke - Well Consolidated 900' - 1000.5' - Sand Seams - Altered Sediments							
1000.5		END OF HOLE								

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+ Additional credit available. See Assessment Work Regulations.



THE MINING ACT - MINISTRY OF NATURAL RESOURCES
DIAMOND DRILLING LOG

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HOLE NO. T-9 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION, 1030'	BEARING OF HOLE FROM TRUE NORTH 0°N	TOTAL FOOTAGE 821'	DIP OF HOLE AT collar 40°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 42-A-10	CLAIM NO.
DATE HOLE STARTED Nov. 45	DATE COMPLETED Nov. 45	DATE LOGGED	LOGGED BY	260' 42°30'		LOCATION (Twp., Lot, Con. OR Lot. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	295' 46°		CONC III LOT 4		
No. A. TIMMINS EXPLORATIONS (ONT.) LTD.		Nov/45	J. ARMSTRONG	670' 48°30'		PROPERTY NAME TAYLOR TWP. GROUP		

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †		
FROM	TO						FROM	TO				
0	100	QUERBURDEN										
100	150	ANDESITE	- 40% Quartz 40%									
150	175	QUARTZ CARBONATE ZONE	- 40% Quartz - Ankerite - Fuchsite									
175	194	ANDESITE	- Andesite-chlorite Shear - 10% Quartz									
194	310	QUARTZ CARBONATE ZONE	- 50% Quartz - Ankerite - Fuchsite				225'	235'	10'	0.005	oz/T	Av.
							235'	260'	25'	0.01	oz/T	Av.
							260'	270'	10'	0.015	oz/T	Av.
							270'	290'	20'	0.07	oz/T	Av.
							300'	310'	10'	0.01	oz/T	Av.
310	333	SEDIMENTS	- Slates & Greywackes									
333	412	QUARTZ CARBONATE ZONE					333'	337'	4'	0.01	oz/T	Av.
							337'	352'	15'	0.01	oz/T	Av.
							395'	410'	15'	0.01	oz/T	Av.
412	820	SEDIMENTS	412 - 615 Slate & Graywacke 615 - 820 Tale Serpentine Shear									
820	821	GRANITE	- Granitic Dike									
	821		END OF HOLE									

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DIAMOND DRILLING LOG

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HOLE NO.	PAGE NO.
T-10	1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY						
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	WEDGE				LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
No. 40 TIMMINES EXPLORATION (ONT.) LTD.		Nou. 145	J. ARMSTRONG	171 ft	147°30'			42-A-10	314
							PROPERTY NAME		
							TAYLOR TWP. GROUP		

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †
FROM	TO						FROM	TO		
0	117	QUERBURDEN								
117	243	ANDESITE								
243	246	SYENITE PORPHYRY - Pink								
246	292	ANDESITE								
292	353	DIORITE - Hybrid								
353	358	ANDESITE								
171		WEDGE SOUTH	DIP 47° 30' N							
171	245	ANDESITE								
245	248	SYENITE PORPHYRY - Pink								
248	293	ANDESITE								
293	345	DIORITE - Hybrid								
345	355	ANDESITE								
355	388.8	DIORITE					360	370	10'	0.25 oz/T Au
							376	388	12'	0.01 oz/T Au
388.8'		END OF HOLE								

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HOLE NO. T-12 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		42-A-10	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
N.A. TIMMINS EXPLORATION (ONT) LTD.		Nou/45	J. ARMSTRONG		ft		CON III TAYLOR LOT 4 TWP.	
						PROPERTY NAME	TAYLOR TWP. GROUP.	

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS †	
0	152	OVERBURDEN									
152	214	ANDESITE	- Leach Zone - 5% Quartz				210	218	8'	0.01	oz/T Au
214	232	SYENITE PORPHYRY	- Coarse-grained				219	231.6	12'6"	0.01	oz/T Au
232	372	ANDESITE	- Quartz 40%				257	267	10'	0.06	oz/T Au
							275	285	10'	0.01	oz/T Au
372	374	QUARTZ CARBONATE									
374	410	BASIC FRAGMENTAL	10% Quartz								
410	563	QUARTZ CARBONATE ZONE					410	424	14'	0.05	oz/T Au
							440	450	10'	0.10	oz/T Au
							450	470	20'	0.08	oz/T Au
							470	490	20'	0.01	oz/T Au
							500	510	10'	0.01	oz/T Au
							510	520	10'	0.05	oz/T Au
							520	530	10'	0.01	oz/T Au
							530	540	10'	0.02	oz/T Au
							540	550	10'	0.005	oz/T Au
							550	563	13'	0.005	oz/T Au
563	610	SEDIMENTS	- Keewatin - Slate & Greywacke								
610	679	QUARTZ CARBONATE ZONE	- Quartz 30% - Ankerite, Epidote								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



THE MINING ACT - MINISTRY OF NATURAL RESOURCES
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. T-13 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT COLLAR	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM N	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY				42-A-10	L44196
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				LOCATION (Tp., Lot, Con. OR Lot. and Long.) Conc. II Lot	
N.A. TIMMINS EXPLORATION (ONT) LTD.		JAN/46	J. ARMSTRONG				PROPERTY NAME TAYLOR TOWNSHIP GROUP	

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
0	100	OVERBURDEN									
100	140	AMYGDALOIDAL	- Basic Amygdaloidal Lava								
140	143.5	SYENITE PORPHYRY	- Pink				140	143.5	3.5	0.01	02/T Au.
143.5	213	AMYGDALOIDAL	- Basic Amygdaloidal Lava								
213	234	SYENITE PORPHYRY	- Pink - large crystals of plagioclase Coarse-grained								
234	254	AMYGDALOIDAL	- Basic Amygdaloidal Lava								
254	334	CHLORITE TALC	- Shear - 8% Quartz								
334	347	DIORITE	- Hybrid								
347	380	SYENITE PORPHYRY	- Gray - Coarse-grained						20.0	0.01	07/T Au.
380	422	CHLORITE TALC	- Shear 5% Quartz								
422	472	SYENITE PORPHYRY	422-444 - Gray Syenite Porphyry 444-447 - Pink Syenite Porphyry 447-464 - Gray Syenite Porphyry 464-467 - Pink Syenite Porphyry 467-472 - Grey Syenite Porphyry								
472	474	DIORITE	- Hybrid								
474	501	SYENITE PORPHYRY	474-483 - Gray Syenite Porphyry - Coarse-grind 483-488 - Pink Syenite Porphyry 488-495 - Gray Syenite Porphyry - Coarse grind 495-498 - Pink Syenite Porphyry 498-501 - Grey Syenite Porphyry - Coarse grind						15'	0.01	02/T Au.

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.



THE MINING ACT - MINISTRY OF NATURAL RESOURCES
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. T-13 PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT COLLAR	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED		DATE COMPLETED	DATE LOGGED	LOGGED BY				
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)					
PROPERTY NAME								

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †	
FROM	TO						FROM	TO			
501	610	DIORITE	Hybrid Diorite - Soaked with Syenite Solution.				600'	610'	10'	0.03	oz/T Au.
610	755	CHLORITE TALC.	Shear 10% Quartz								
755	769	SYENITE PORPHYRE	- Gray - Coarse-grn'd.								
769	848	CHLORITE TALC.	Shear - 15% Quartz.								
848	993'	QUARTZ CARBONATE ZONE	- 70% Quartz - Ankerite, Fuchsite				848	878	30'	0.005	oz/T Au
							895	905	10'	0.07	oz/T Au
							907	917	10'	0.01	oz/T Au
							917	927	10'	0.005	oz/T Au
							927	937	10'	0.01	oz/T Au
							937	947	10'	0.005	oz/T Au
							947	957	10'	0.02	oz/T Au
							957	967	10'	0.01	oz/T Au
							967	977	10'	0.005	oz/T Au
							977	1002	25'	0.01	oz/T Au
993	1066'	SEDIMENTS	- Keewatin - Slates & Greywacke								
	1066'		END OF HOLE								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. T-14 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT COLLAR	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED		DATE LOGGED	LOGGED BY				42-A-10	L48817	
DATE COMPLETED				1002'	0 collar 17131'		270 ft 66°30'	CON II	TAYLOR
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				745 ft 65°	LOT 6	TWP.
N. A. TIMMIN'S EXPLORATION (ONT.) LTD.		MARCH/46	J. ARMSTRONG				PROPERTY NAME TAYLOR TOWNSHIP		

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
0	25	OVERBURDEN									
25	177	SYENITE PORPHYRY	- Pink - large crystals of plagioclase showing zoning - Coarse grained.								
177	246	ANDESITE	- Pillowed lava								
246	252	QUARTZ PORPHYRY	- Gray					14'		0.01 oz/T Au.	
252	276	DIORITE	- altered or Coarse-grained flow								
276	489	QUARTZ CARBONATE ZONE	- 50% Quartz - Ankerite, Fuchsite				276	286'	10'	0.01 oz/T Au	
							296'	306'	10'	0.005 oz/T Au	
							306'	316'	10'	0.01 oz/T Au	
							316'	326'	10'	0.015 oz/T Au	
							326'	336'	10'	0.01 oz/T Au	
							336'	351'	15'	0.01 oz/T Au	
							351'	361'	10'	0.005 oz/T Au	
							361'	371'	10'	0.006 oz/T Au	
							381'	391'	10'	0.02 oz/T Au	
							391'	401'	10'	0.01 oz/T Au	
							401'	411'	10'	0.01 oz/T Au	
							450'	460'	10'	0.01 oz/T Au	
							460'	470'	10'	0.005 oz/T Au	
							470'	480'	10'	0.05 oz/T Au	
							480'	490'	10'	0.04 oz/T Au	
489	527	SEDIMENTS	- Keewatin								
527	575	QUARTZ CARBONATE ZONE	- 50% Quartz - Ankerite, Fuchsite				550'	556'	6'	0.04 oz/T Au	
							556'	564'	8'	0.01 oz/T Au	
575	615	DIABASE	- Olivine Diabase								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.



THE MINING ACT - MINISTRY OF NATURAL RESOURCES
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. T-14 PAGE NO. 2






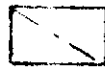



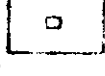

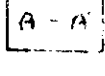

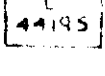
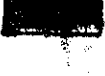
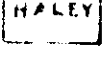
DRILLING COMPANY		COLLAR ELEVATION 1025'	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE 1002'	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 42-A-10	CLAIM NO. L48817
DATE HOLE STARTED MARCH 146	DATE COMPLETED MARCH 146	DATE LOGGED	LOGGED BY		ft		LOCATION (Twp., Lot, Con. OR Lot. and Long.) CONC. II TAYLOR LOT 6 TWP.	
EXPLORATION CO., OWNER OR OPTIONEE No. A. TIMMINS EXPLORATIONS (ONT.) LTD.		DATE SUBMITTED	SUBMITTED BY (Signature) MARCH 146 J. ARMSTRONG		ft		PROPERTY NAME TAYLOR TWP. GROUP.	
					ft			

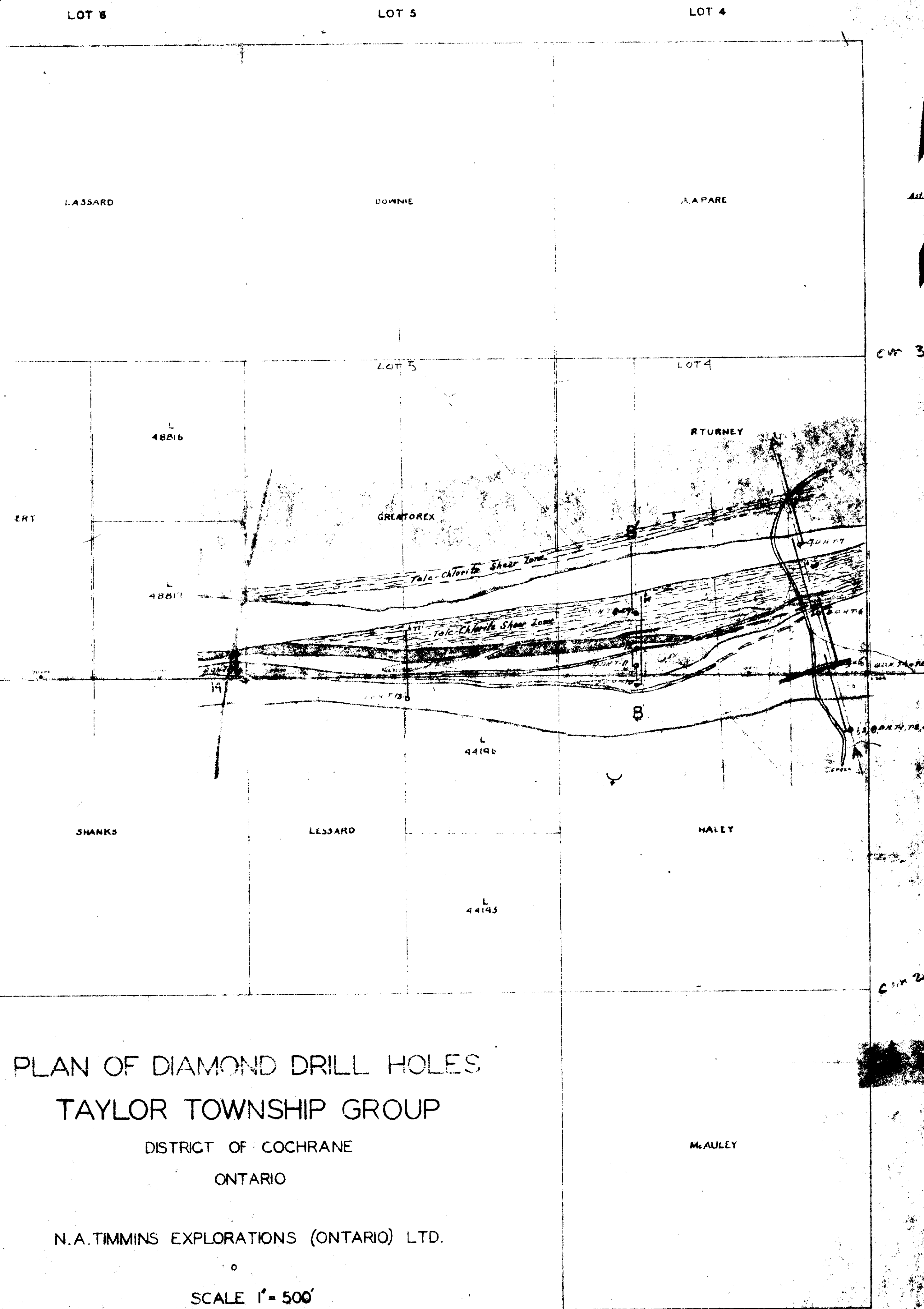
FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS †	
015	627	QUARTZ	CARBONATE ZONE								
627	636	SEDIMENTS	- Keewatin								
636	678	QUARTZ	CARBONATE ZONE - 40% Quartz - Ankerite, Fuchsite								
678	685	QUARTZ	- White Bull Quartz.								
685	932	QUARTZ	CARBONATE ZONE - 30% Quartz - Ankerite, little Fuchsite - Probably altered sediments				685'	695'	10'	0.01	oz/T Au
							695'	705'	10'	0.02	oz/T Au
							726'	746'	20'	0.01	oz/T Au
							746'	756'	10'	0.015	oz/T Au
							756'	766'	10'	0.01	oz/T Au
							785'	795'	10'	0.01	oz/T Au.
							825'	845'	20'	0.01	oz/T Au
							845'	855'	10'	0.05	oz/T Au
							855'	865'	10'	0.01	oz/T Au
							885'	895'	10'	0.01	oz/T Au
932	936	QUARTZ	APLITE DIKE								
936	1002	SEDIMENTS	- Keewatin - Talc Serpentine Shear				936	951	15'	0.01	oz/T Au.
	1002'		END OF HOLE								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

GEOLOGICAL LEGEND
 FOR
 PLAN OF DIAMOND DRILL HOLES
 TAYLOR TOWNSHIP GROUP
 DISTRICT OF COCHRANE
 ONTARIO

- | | | | |
|---|---|---|---|
|  | Andesite & Andesitic pillow lava |  | Sediments - Keewatin Banded Slates & Graywacke |
|  | Amygdaloidal Lava |  | Olivine Diabase |
|  | Diorite |  | Picket Lines, Pegged each 100' All used in Geophysical Survey |
|  | Syenite Porphyry, Coarse Grained, Gray to Pinkish |  | Diamond Drill Holes |
|  | Syenite Porphyry, Pinkish, in fine grained phase Trachyte, in coarse phase spts of Plag-clase show zoning |  | Houses |
|  | Qtz. Porphyry & Granitic Diac |  | Sections |
|  | Basic Fragmental |  | Claims Staked |
|  | Qtz. Carbonate Zone |  | Options |

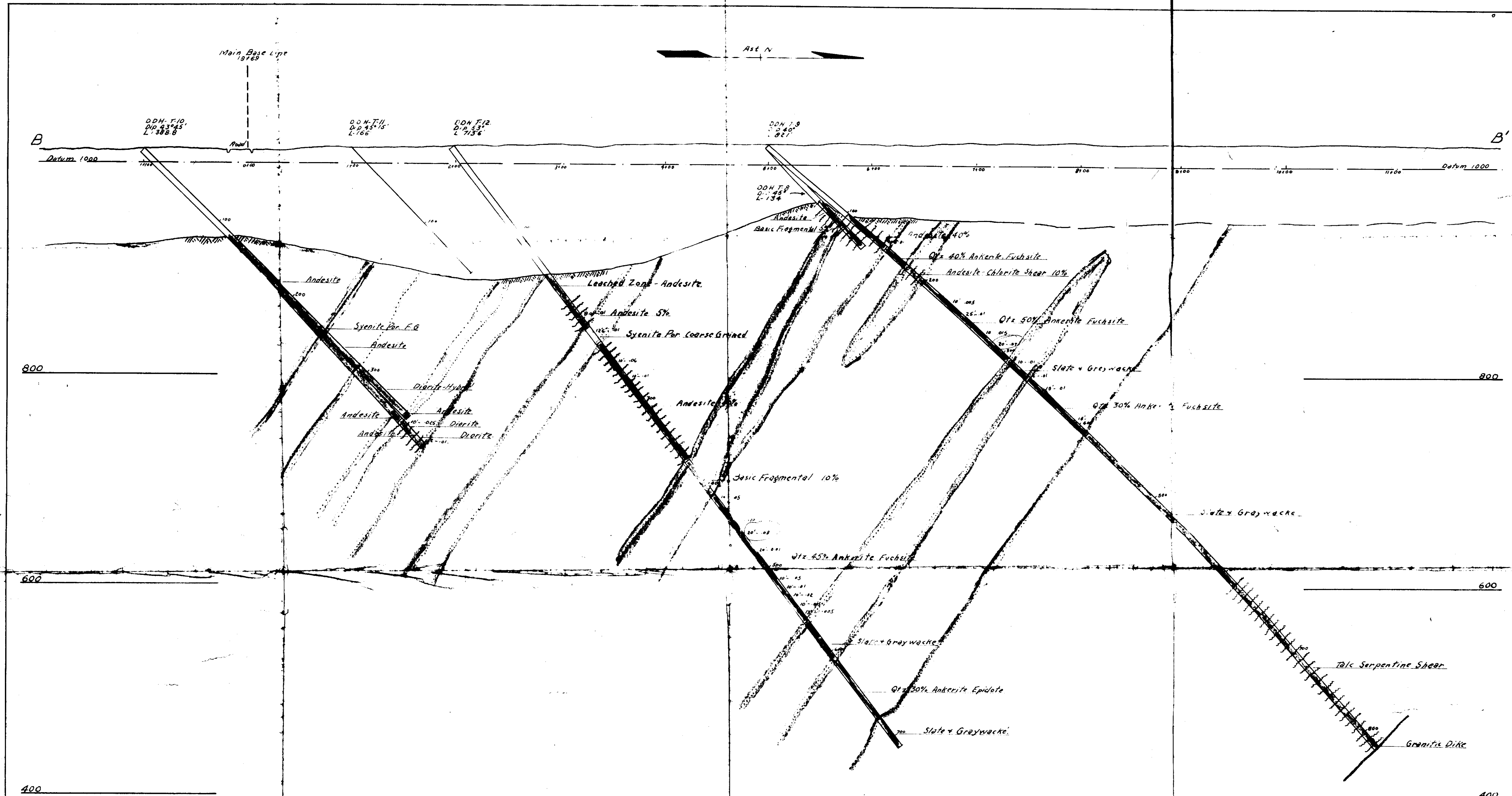


PLAN OF DIAMOND DRILL HOLES
 TAYLOR TOWNSHIP GROUP
 DISTRICT OF COCHRANE
 ONTARIO

N.A. TIMMINS EXPLORATIONS (ONTARIO) LTD.

SCALE 1" = 500'





SECTION B-B'
 SHOWING DRILL HOLES 8-12
 TAYLOR TOWNSHIP GROUP
 DISTRICT OF COCHRANE
 ONTARIO
 N. A. TIMMINS EXPLORATIONS (ONTARIO) LTD.
 SCALE 1" = 50'

LEGEND

- | | | | |
|--|---|--|--|
| | Andesite | | Pink Syenite Porphyry |
| | Diorite | | Syenite Porphyry - Gray Coarse-Grained |
| | Sediments - Keewatin Banded Slate & Graywacke | | Granitic Dike |
| | Qtz Carbonate Zone | | Shear Zones |
| | Basic Fragmental | | Assays - to left of hole assayed but no values |

Original by J. Armstrong Nov 1945
 Traced by N. Hogg Mar 1946

Main Base Line
39105



D.D.H. T-13
Dip 61°
L-1066'

Road

Datum - 1000

Datum 1000

Basal Amygdaloidal Lava

Syenite Porphyry

Amygdaloidal Lava

Syenite Porphyry Coarse Grained
Large Crystals of Anorthoclase

Chlorite Talk Shear 1%

Hybrid Diorite

Syenite Porphyry Coarse-Grained

Chlorite Talk Shear 5%

Syenite Porphyry Coarse Grained

Hybrid Diorite - Soaked with
Syenite Solutions

Chlorite Talk Shear 16%

Syenite Porphyry

15%

Chlorite Talk Shear

70%

30% Qtz

Qtz 70% Ankerite-Fuchsite

Slates & Graywacke

SECTION OF DIAMOND DRILL HOLE T-13

TAYLOR TOWNSHIP GROUP

DISTRICT OF COCHRANE

ONTARIO

N.A. TIMMINS EXPLORATIONS (ONTARIO) LTD

SCALE 1" = 50'

Note
Ideal projection of Geology
based on strike of Qtz.
Carbonate Zone as cut in
Section B-B' and in Drill
Hole T-14

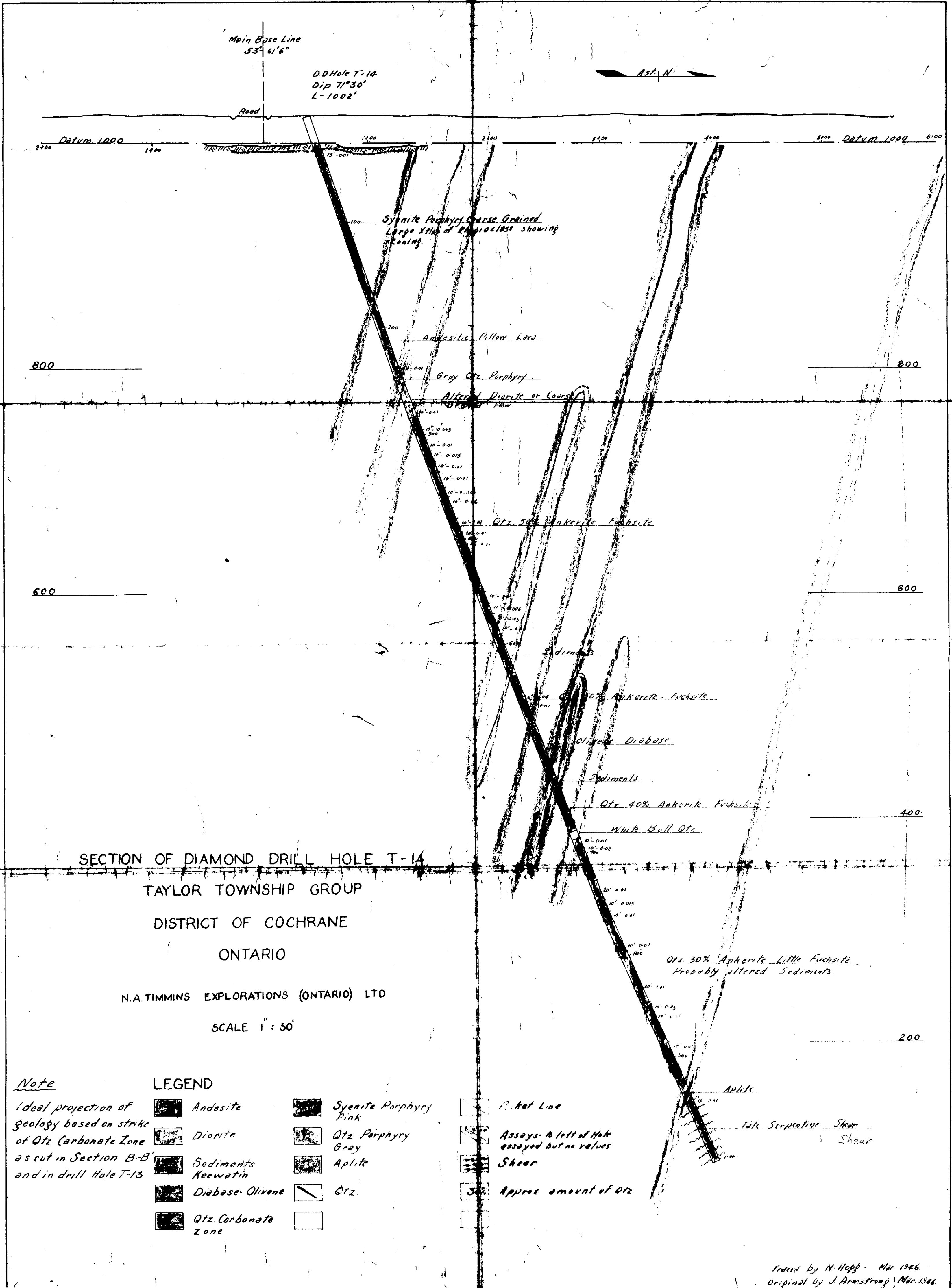
LEGEND

- Chlorite Talk Shear
- Diorite-Hybrid
- Sediments-Keewatin Banded Slates & Graywacke
- Qtz. Carbonate Zone
- Shear Zone
- Picket Line
- Basal Amygdaloidal Lava
- Pink Syenite Porphyry
- Syenite Porphyry-Gray Coarse Grained
- Assays
- Approx amount of Qtz

Original by J. Armstrong - Jan-1946
Copied by N. Hogg - Mar-1946

T-121





SECTION OF DIAMOND DRILL HOLE T-14

TAYLOR TOWNSHIP GROUP
DISTRICT OF COCHRANE
ONTARIO

N.A. TIMMINS EXPLORATIONS (ONTARIO) LTD

SCALE 1" = 50'

Note

Ideal projection of
geology based on strike
of Qtz Carbonate Zone
as cut in Section B-B'
and in drill Hole T-13

LEGEND

- Andesite
- Diorite
- Sediments Keewatin
- Diabase-Olivine
- Qtz. Carbonate Zone
- Syenite Porphyry Pink
- Qtz Porphyry Gray
- Aplite
- Qtz.

- Heat Line
- Assays to left of Hole assayed but no values
- Shear
- 30% Approx amount of Qtz

Traced by N. Hoop - Mar 1946
Original by J. Armstrong - Mar 1946

T-121

