



32E05NE0058 17 ST. LAURENT

010

DIAMOND DRILLING

TOWNSHIP: ST. LAURENT TWP.

REPORT NO: 17

WORK PERFORMED FOR: Glen Auden Resources

RECORDED HOLDER: Same as Above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
955612	TCH88-1	90m	May/88	(1)
955607	TCH88-2	111m	May/88	(1)
955601	TCH88-3	113.8m	May/88	(1)
877705	TCH88-4	105m	May/88	(1)

419.8m

Notes: (1) #W8808.295, filed in Dec/88

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
JUL 12 1988
RECEIVED

ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT: GLEN AUDEN RESOURCES LIMITED/TARZAN GOLD INC.
JOINT VENTURE M-257

HOLE NUMBER: TCH88-1

AREA: ST. LAURENT TOWNSHIP

LOCATION: LINE 17+00W; 9+50N

CLAIM NUMBER: 955612

AZIMUTH: 0°

CORE SIZE: BQ

DIP: 50°

DRILLED BY: FORAGE MODERNE INC.

DATE: MAY 20-21, 1988

LOGGED BY: T. GUOTH

CASING: 6 METRES

CORE STORED AT:

LENGTH: 90 METRES

OBJECTIVE:

ACID TESTS: 47° AT 60 METRES
46° AT 90 METRES

DIAMOND DRILLING LOG

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 HOLE NO. TCH88-1
 PAGE 01

DRILLING COMPANY Forage Moderne Inc		COLLAR ELEVATION		BEARING OF HOLE FROM TRUE NORTH 0°		TOTAL FOOTAGE 90m		DIP OF HOLE AT collar 50°		LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM Line 17100W; 9150N		MAP REFERENCE NO. NTS 32E/5		CLAIM NO. 955612	
DATE HOLE STARTED May 20 1988		DATE COMPLETED May 21, 1988		DATE LOGGED May 22, 1988		LOGGED BY T. Guoth		60 d 47°				LOCATION (Tp., Lot, Con. OR Lat. and Long.) St. Laurent Township			
EXPLORATION CO., OWNER OR OPTIONEE Glen Auden - Tarzan Gold Joint Venture				DATE SUBMITTED		SUBMITTED BY (Signature) [Signature]		90 d 46°				PROPERTY NAME Tarzan, Chimp Grid.			

FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †			
						FROM	TO		Au(ppb)	Cu(ppm)	Zn(ppm)	
0	6 metres	Overburden										
6	14.2	Quartz Diorite (Hornblende Gabbro?)	Dark green grey in color, C.I ~ 55-60, medium grained (40.8mm) with a subhedral to anhedral granular texture. It is massive to weakly foliated. Unit is composed of plagioclase, hornblende, chlorite, epidote, sericite, calcite, minor quartz and pyrite. Overall, there is a moderate to strong chloritization, weak sericitization and a weak pervasive calcite alteration. The plagioclase crystals are commonly anhedral and are partially to wholly obscured by chlorite and hornblende exhibiting a sub-ophitic texture. Yellow-brown sericite wisps are common along foliation planes or around plagioclase crystals. Orange brown quartz-plagioclase stringers with minor calcite commonly cross-cut foliation. The rock appears to be regionally metamorphosed to a greenschist facies. Iron carbonate stains are found at 7.1, 10.8 and 13.7 metres. Overall, 2-3% fine disseminated pyrite by volume. 22401- 2-3% fine disseminated pyrite 22402- " " 22403- " " 22404- " " , iron-carbonate stain at 13.7m.	45-70°	22401	10.7	11.7	1.0	51	30	34	
					22402	11.7	12.7	1.0	12	8	44	
					22403	12.7	13.45	0.75	38	6	50	
					22404	13.45	14.2	0.75	27	12	50	
14.2	14.6	Fine Grained Mafic Intrusive	Dark green, fine grained, massive and composed of chlorite, plagioclase, laths and epidote. Dark green chlorite blebs are within a fine grained chlorite, plagioclase, calcite and epidote groundmass, displaying a sub-ophitic texture. There is a moderate pervasive calcite alteration. Calcite quartz stringers commonly occur at 40 to 65°C. No visible mineralisation.									

† Features such as foliation, bedding, schistosity, measured from the top surface of the core

DIAMOND DRILLING LOG

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 HOLE NO. TCH88-01
 PAGE 02

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 MOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (T _p , Lat, Con. OR Lat. and Long)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft				
					ft				PROPERTY NAME

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Color, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †		
						FROM	TO		Au(ppb)	Cu(ppm)	Zn(ppm)
14.6	16.7	Quartz Diorite (Hornblende Gabbro?)	Same as interval 6 to 14.2m. Dark green-grey in color. C.I. ~ 45 to 50, medium grained with subhedral to anhedral massive granular texture. Fault gouge at 16.7m with rusty iron-carbonate staining. Shearing is at 33° CA. Overall, 2-3% fine disseminated pyrite.		22405	15.7	16.7	1.0	8	34	37
16.7	24.3	Silicified zone	From 16.7m there is a gradational change in color from dark green-grey to a pale green orange brown color. The rock is medium grained, massive and relatively hard (not easily scratched with a knife). It is composed of white and orange brown plagioclase, beige colored carbonate (dolomite?) and minor chlorite, epidote, calcite and pyrite. There appears to be a pervasive patchy silicification of rock producing a mottled appearance. Irregular shaped xenoliths of diorite are commonly found. 2-3% of rocks consists of a soft grassy green carbonate. Quartz-carbonate (dolomite?) stringers are common. Unoriented beige colored sericite wash are also common. From 21.2 to 21.5m, core is broken up and has rusty iron-carbonate stains which may be a fault zone. Overall, 3-5% fine disseminated pyrite.		22406	16.7	17.6	0.9	70	36	25
					22407	17.6	18.6	1.0	122	40	40
					22408	18.6	19.6	1.0	75	20	26
					22409	19.6	20.6	1.0	86	30	17
					22410	20.6	21.6	1.0	25	20	16
					22411	21.6	22.6	1.0	6	10	14
					22412	22.6	23.4	0.8	14	16	21
					22413	23.4	24.3	0.9	44	40	27
			- 22406 - 3-5% fine disseminated pyrite								
			22407 - " "								
			22408 - " "								
			22409 - " "								
			22410 - " "								
			22411 - " "								
			22412 - " "								
			22413 - " "								
			iron-carbonate stains								
			iron-carbonate stains at 22.8m.								

† Assays such as tellurium, bismuth, cobalt, etc.

DIAMOND DRILLING LOG

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 HOLE NO. TCH88-01
 PAGE 03
 CLAIM NO.

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.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Twp., Lot, Con. OR Lat. and Long.)
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		
					ft		PROPERTY NAME

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLUNGE FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †		
						FROM	TO		Au(ppm)	Cu(ppm)	Zn(ppm)
243	343	Hornblende Gabbro?	<p>Fine to medium grained, medium to dark grey-green, CT= 55-60. Massive to weakly foliated granular texture. Grain are commonly subhedral to euhedral. It is composed of hornblende (dark green), plagioclase (white-grey), pyroxene (pale green) minor calcite, quartz and secondary quartz. Plagioclase crystals are enclosed by chloritized hornblende displaying a ophitic texture. Overall there is a moderate to strong chloritization and weak patchy calcite alteration. Chlorite and pyrite 'smears' are commonly observed on foliation planes. Also a streaky appearance on foliation planes. Areas of moderate silicification produce a pale green color. Rock has undergone regional metamorphism of greenschist facies.</p> <p>fr. 31.6 to 32.7ch, rock is massive containing subhedral to euhedral coarse grained crystals. It is composed of 50% plagioclase, 30-40% chlorite + hornblende, 5% pyroxene and minor quartz.</p> <p>Overall, 1-2% fine disseminated pyrite.</p> <p>22414 - 1-2% fine disseminated pyrite, Transition zone</p>	55°	22414	24.3	25.3	1.0	23	34	38
243	346	Silicified Zone	<p>Pale grey-green, medium grained and massive texture. Increase of pervasive patchy silicification downhole (sandy texture). Composed of 10-15% chlorite, plagioclase and calcite. Calcite stringers with minor quartz core common. Overall, 2-3% fine disseminated pyrite.</p> <p>- 22415 - 2-3% fine disseminated pyrite.</p> <p>- 22416 " "</p> <p>- 22417 " "</p>		22415	34.3	35.1	0.8	3	10	28
					22416	35.1	35.8	0.7	4	10	28
					22417	35.8	36.5	0.7	4	6	23

† Assays such as foliation bedding sub-sections ...

DIAMOND DRILLING LOG

Print a new page for every new hole.
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 FILL IN ON EVERY PAGE

HOLE NO. TCH88-01
 PAGE 04

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 (Twp., Lot, Con. OR Lat. and Long.)			
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED		SUBMITTED BY (Signature)		ft		ft							
						ft		ft							
												PROPERTY NAME			

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †		
						FROM	TO		As (ppb)	Cu (ppm)	Zn (ppm)
36.6	52.1	Felsic Intrusive	Orange-red color, medium to coarse grained (4.1cm), massive granular texture. Composed of orange-red plagioclase (50-55%), 10-15% hornblende, 15-20% quartz, minor biotite, chlorite and calcite. Overall rock is pristine and has undergone minor regional metamorphism. Matrix intrusive xenoliths are commonly found within granite. 22418 - transition zone, no visible mineralization		22418	36.6	37.6	1.0	2	8	34
52.1	57.5	Fine Grained Gabbro?	Dark green, fine grained, massive to weakly foliated. Composed of hornblende, pyroxene, plagioclase and calcite. Rock has been moderately to strongly chloritized and there is a strong pervasive calcite cementation. Calcite stringers with minor quartz are common. Anhydrous yellow (pale) plagioclase phenocrysts in a chloritic groundmass produced a porphyritic texture. Chlorite occupies fractures at 0-10' dia. Overall, 3-4% fine disseminated pyrite and 1-2% chalcocite. - 22419 3% pyrite, 1-2% chalcocite - 22420 " " " - 22421 " " "	~50°	22419 22420 22421	52.7 53.7 56.5	53.7 54.7 57.5	1.0 1.0 1.0	6 4 2	44 22 24	95 82 74

† Features such as inclusion, bedding, etc.

DIAMOND DRILLING LOG

Fill in one page for every hole. This portion of form only on first page for hole. FILL IN ON EVERY PAGE. HOLE NO. TCH88-01 PAGE 05

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 (Twp., Lot, Con. OR Lot. and Long.)			
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED		SUBMITTED BY (Signature)		ft		ft							
						ft		ft							
						ft		ft							
PROPERTY NAME															

FOOTAGE FROM TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †		
					FROM	TO		Au(pph)	Cu(ppm)	Zn(ppm)
73.5	74.5	Gabbro		22422	65	66	1.0	3	18	53
		Dark green, C.I. ~ 55-60, medium to coarse grained, subhedral to anhedral massive granular texture. Rock is composed of hornblende, plagioclase, pyroxene and minor pyrite. Overall moderate chlorite and weak pervasive calcite alteration. Plagioclase is pale yellow and is usually anhedral to subhedral but some euhedral crystals were observed. Plagioclase crystals are enclosed or partially enclosed by hornblende and chlorite crystals - sub-ophitic texture. The amount of plagioclase and mafic minerals varies locally. Calcite stringers containing rusty-brown iron-carbonate? occur at 0-20' (A). Overall, 1-2% fine disseminated pyrite, 1-2% chloropyrite commonly within calcite iron-carbonate stringers. - 22422, calcite iron carbonate stringers 10-15% by volume of sample, containing 1-2% chloropyrite. - 22423, " " " "		22423	66.5	67.5	1.0	2	14	47
74.5	83.8	Felsic Intrusive								
		Orange-brown, C.I. ~ 30, medium to coarse grained, granular massive texture. Composed of pink and white plagioclase, quartz, chlorite and hornblende. Plagioclase grains are anhedral to euhedral and they are zoned with a white-pale green interior and an outer pink rim. Quartz-epidote stringers (2-3mm wide) commonly cross-cut rock at variable angles. Stringers average 1 per metre core length. fr. 76m - 77.4m, fine grained gabbro xenolith? Overall, rock is massive and relatively unaltered. Overall, trace pyrite.								

† Assays such as lithium, boron, cobalt, etc. measured from the top of the core.

DIAMOND DRILLING LOG

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 HOLE NO. TCH88-1
 CLAIM NO. 06

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 (Twp., Lot, Con. OR Lat. and Long.)	PROPERTY NAME
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft			

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †	
FROM	TO					FROM	TO			
3.8	90	Gabbro	Same as interval 57.5 to 74.5 m. Dark green, C.I. ~ 55-60, medium to coarse grained, subhedral to anhedral, massive granular texture. Rock is composed of plagioclase, hornblende, chlorite, epidote, and minor olivine. There is a weak chlorite alteration and weak pervasive calcite alteration. Calcite stringers, ~2mm wide, cross-cut rock at varying angles. Rock is pristine and weakly regionally metamorphosed trace pyrite.							
			90 metres - End of hole.							

† Features such as foliation, bedding, schistosity, measured from the long axis of the core.

ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT:	GLEN AUDEN RESOURCES LIMITED/TARZAN GOLD INC. JOINT VENTURE M-257	HOLE NUMBER:	TCH88-2
AREA:	ST. LAURENT TOWNSHIP	LOCATION:	LINE 20+00W; 12+75N
CLAIM NUMBER:	955607	AZIMUTH:	0°
CORE SIZE:	BQ	DIP:	50°
DRILLED BY:	FORAGE MODERNE INC.	DATE:	MAY 23-24, 1988
LOGGED BY:	T. GUOTH	CASING:	18 METRES
CORE STORED AT:		LENGTH:	111 METRES
OBJECTIVE:		ACID TESTS:	47° AT 57 METRES 46° AT 111 METRES

DIAMOND DRILLING LOG

PRINTED ON 10CM GRID ON FIRST PAGE FOR EACH HOLE.

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HOLE NO. TCH88-2 PAGE NO. 01

COMPANY Forage Moderne		COLLAR ELEVATION —	BEARING OF HOLE FROM TRUE NORTH 0°	TOTAL FOOTAGE 111 metres	DIP OF HOLE AT collar 50°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM L 20100W; 12175N	MAP REFERENCE NO. NTS 32E/5	CLAIM NO. 955607	
DATE STARTED 23 1988	DATE COMPLETED May 24	DATE LOGGED May 25	LOGGED BY T. Guoth		57m 47°		LOCATION (T ₁₀ , Lat, Con. OR Lat. and Long.) St. Laurent Township	PROPERTY NAME Targon, Chimp Grid	
OPERATION CO., OWNER OR OPTIONEE Targon - Targon Gold Joint Venture		DATE SUBMITTED	SUBMITTED BY (Signature) <i>T. Guoth</i>		111m 46°				

FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS*		
					FROM	TO		Al(ppb)	Cu(ppm)	Zn(ppm)
18metres	Overburden									
22.5	Andesite Porphyry (Fine Grained Gabbro?)	Dark grey-green, fine to medium grained. (1mm), massive (to) very weakly foliated. Rock is composed of chlorite, (acicular) masses of actinolite, plagioclase quartz, minor epidote, talc, brownish yellow carbonate and pyrite. Rock has weak to moderate patchy silicification and a weak calcite alteration which occupies hairline fractures within plagioclase phenocrysts. Phenocrysts compose 25-30% of rock and are composed of plagioclase crystals (white) (K-metasomatism?) they are commonly zoned with a pale green interior. Phenocrysts are hard, some oxidize to an orange-brown color (ferrous carbonate alteration?) and they have a sugary appearance. Phenocrysts of aggregate masses of plagioclase crystals grow outwardly are common. The groundmass is fine to medium grained and composed of an intergranular matrix of laths of plagioclase, actinolite, talc (grey green) and interstitial pyrite. In areas of strong silicification the rock has been tectonically brecciated by hairline fractures producing a mosaic pattern. Chlorite and calcite occupy fractures. An ophitic texture is observed in groundmass. barren quartz stringers, 1-2mm in width, average 3-4 stringers per metre core length. Overall, 1-2% fine disseminated pyrite.		22430	21.5	22.5	1.0	3	38	57
		22430 - 1-2% fine disseminated pyrite.								

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

DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE

HOLE NO. TCH88-2
PAGE 02

HOLE 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.	
HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Twp., Lot, Con. OR Lat. and Long.)		
NATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft				
					ft			PROPERTY NAME	

FOOTAGE TO	ROCK TYPE	DESCRIPTION Color, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †			
					FROM	TO		As (ppb)	Cu (ppm)	Zn (ppm)	
23.5	Silicified Intermediate to Mafic Flow	Medium grey-green, very fine grained and massive. Composed of chlorite, actinolite, talc and quartz. There is a moderate to strong silicification (very hard to scratch). Talc and calcite alteration is common along foliation planes. Hairline fractures containing quartz cross-cut rock forming a mosaic pattern. There is no visible pyrite.									
26.9	Andesite Porphyry (Fine grained Gabbro?)	Same as interval 18 to 22.5 metres. Dark grey-green, fine to medium grained and massive. Composed of chlorite, actinolite, plagioclase, minor epidote, talc, brownish-yellow carbonate, quartz and pyrite. There is a moderate to strong patchy silicification and weak pervasive talc alteration. Overall, 1-2% fine disseminated pyrite. Hairline fractures containing calcite. Commonly cross-cut rock. 22431 - strong patchy silicification, 1-2% fine disseminated pyrite.		22431	24.6	25.6	1.0	2	30	70	
29.6	Andesite-Basalt Flow.	Dark grey-green, fine grained and massive to weakly foliated. Composed of chlorite, actinolite, 5-10% grey-white (1mm in size) plagioclase laths, epidote and greenish-green talc. There is a moderate chlorite alteration and weak talc alteration. Numerous small pits (2-3mm) containing a rusty brown mineral is common. Rock is blocky and broken up with 80% recovery suggests it may be a fault zone. No visible sulphides.	~45°								

† assays such as foliation, bedding, schistosity, measured from the long axis of the core.

DIAMOND DRILLING LOG

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 HOLE NO. TCH88-2
 PAGE 03

NO 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.
SOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY				LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
NATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †		
					FROM	TO		Au (ppb)	Cu (ppm)	Zn (ppm)
50.2	Andesite Porphyry (Fine Grained Gabbro?)	Same as interval 18 to 22.5 metres. Medium grey-green fine grained and massive to very weakly foliated. Composed of actinolite, plagioclase, epidote, talc and calcite. There is a moderate chlorite alteration, weak silica alteration and strong pervasive calcite alteration. Phenocrysts compose 20-25% of rock, composed of crystalline masses of plagioclase (K-metasomatism) and grains average 3mm x 2mm in size. Groundmass is fine grained and composed of laths of plagioclase, needlelike actinolite, calcite, quartz and minor pyroxene. Two types of stringers were observed i) deformed (moderately) calcite-quartz (containing minor pyrite stringers) average 1/2 stringer per metre core length and ii) undeformed barren calcite-quartz-epidote-dolomite? stringers averaging 1 per metre core length. These stringers average 2cm in width. Overall <1% fine disseminated pyrite. 22432: 5-10% by volume, grey deformed calcite-quartz stringers, 2-3% pyrite. 22433: 5-10% by volume, calcite-quartz stringers, trace pyrite. Downhole, from 38.9 metres, there is a very weak calcite alteration, moderate chlorite alteration and weak to moderate patchy silica alteration. - 22434 - 1-2% fine disseminated pyrite. - 22435 - " " "		22432	36.7	37.7	1.0	2	92	106
				22433	37.7	38.7	1.0	2	28	63
				22434	40.7	41.7	1.0	2	28	75
				22435	47.7	48.7	1.0	5	18	28
52.1	Fine Grained Mafic Intrusive	Medium grey-green, fine grained, and massive. Composed of actinolite, plagioclase, epidote, and minor quartz. Rock has been weakly to moderately chloritized and weakly silicified. <1mm chlorite blebs are common. Contact with upper rocks is sharp but irregular		22436	50.2	51.3	1.1	2	8	25
				22437	51.3	52.1	0.8	7	32	33

† shows such as foliation, bedding, schistosity, measured from the long axis of the core.

DIAMOND DRILLING LOG

portion of form may be used on other pages for each hole.

FILL IN ON EVERY PAGE

HOLE NO. TCH88-2
PAGE 04

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

FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †					
					FROM	TO		As (ppb)	Cu (ppm)	Zn (ppm)	As (ppm)		
		A 1-2mm wide, hard, light green alteration halo is found at contact. Overall 1-2% fine disseminated pyrite.											
		22436 - 1-2% disseminated pyrite.											
		22437 - " " hematite streak @ 25m.											
102.95	Andesite Porphyry (Fine Grained Gabbro?)	Same as interval 18 to 22.5 metres. Medium grey-green, fine to medium grained and massive to weakly foliated. Composed of actinolite, plagioclase, epidote, talc, minor quartz and talc. There is a weak to moderate chlorite alteration and very weak calcite alteration. Rocks encountered so far have been regionally altered to lower greenschist facies.	30-65										
		- 22438 - 1-2% fine disseminated pyrite		22438	54.2	55.2	1.0	2	46	94			
		- 22439 - 5% acicular actinolite masses, 2-5% pyrite.		22439	60.4	61.4	1.0	3	166	71		ND	
		Some of the phenocrysts have perfect 90° cleavage faces and an inner light green color with a white outer rim (zoning?).		22440	66.1	67.1	1.0	4	280	63		ND	
		There is a moderate to strong patchy silicification accompanied by minor grey carbonate (dolomite?).		22441	70.1	71.1	1.0	4	16	43		10	
		Acicular actinolite masses < 1 mm in size are common.		22442	77.9	78.9	1.0	3	220	40		15	
		- 22440 - 5-7% fine pyrite in irregular masses.		22443	79.7	80.7	1.0	3	46	29		ND	
		- 22441 - 1-2% pyrite in a zone of strong patchy silicification.		22444	80.7	81.7	1.0	4	62	54		ND	
		- Talc alteration common on weak foliation planes.		22445	85.7	86.7	1.0	3	26	54		ND	
		- The amount of chlorite depends on the degree of silicification.		22446	89.5	90.5	1.0	5	22	51		5	
		- fr. 77.9 to 78.9 m, grey, calcite stringer, 1cm wide, subparallel to fold axis.											
		@ 79.8 metres, 1-2% talc, < 1% chlorite, 1-2% very fine, moderately hard, steel-grey metallic mineral (hematite?), 1-2% disseminated pyrite.											
		- 22442 - calcite stringer, trace pyrite.											
		- 22443 - see above.											

† assays such as foliation, bedding, schistosity, measured from the long axis of the core.

DIAMOND DRILLING LOG

PRINTED ON RECYCLED PAPER. USE OTHER PAGES FOR MULTIPLE HOLES.

FILL IN ON EVERY PAGE
 HOLE NO. TCH88-2
 PAGE 05

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.
HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Twp., Lot, Con. OR Lot. and Long.)	
OPERATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft			PROPERTY NAME

FOOTAGE M TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †			
					FROM	TO		Al (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
		- 22444 - 1-2% fine disseminated pyrite.		22447	100	101	1.0	14	32	70	50
		- 22445 - " " " "									
		- 22446 - " " " "									
		fr. 98.7 to 101m, strong calcite calcite alteration moderate to strong patchy silicification. In areas of moderate to strong silicification (eg. 100.6 to 100.9m) there is a mass of hairline fractures infilled by calcite.									
		22447 - 2-3% pyrite within calcite stringers.									
		Overall, 1-2% fine disseminated pyrite.									
103		Contact between porphyry and argillite.									
107.2	Argillite	Black to dark grey, fine grained, weak to moderately foliated. Dark black blebs (1-2mm in size) are common throughout the sequence. Two types of calcite stringers are present: i) moderately deformed ii) undeformed stringers.		22448	103	104.1	1.1	95	48	44	50
		- from 104.5 to 104.8m. Rock is broken up and contains fault gouge suggesting it may be a fault zone.		22449	104.1	105.1	1.0	290	146	35	50
		Overall, 2-3% pyrite and grains may be up to 2mm in size.		22450	105.1	107	0.9	189	50	40	50
107.4		Contact between Argillite and porphyry.									
111m	Andesite Porphyry (Fine grained Gabbro?)	Same as interval 52.1 to 107.95m. Grey-green, medium grained and massive. Moderate patchy silicification and overall trace pyrite.									
		111 metres - End of Hole									

† Assays such as foliation, bedding, schistosity, measured from the long axis of the core.

ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT:	GLEN AUDEN RESOURCES LIMITED/TARZAN GOLD INC. JOINT VENTURE M-257	HOLE NUMBER:	TCH88-3
AREA:	ST. LAURENT TOWNSHIP	LOCATION:	LINE 26+00W; 5+37N
CLAIM NUMBER:	955601	AZIMUTH:	0°
CORE SIZE:	BQ	DIP:	50°
DRILLED BY:	FORAGE MODERNE INC.	DATE:	MAY 25-26, 1988
LOGGED BY:	T. GUOTH	CASING:	9 METRES
CORE STORED AT:		LENGTH:	113.8 METRES
OBJECTIVE:		ACID TESTS:	46° AT 113.8 METRES

DIAMOND DRILLING LOG

portion of form only on first page for each hole
 FILL IN ON EVERY PAGE
 HOLE NO. TCH88-3 01

DRILLING COMPANY Forage Moderne		COLLAR ELEVATION -		BEARING OF HOLE FROM TRUE NORTH 0°		TOTAL FOOTAGE 113.8m		DIP OF HOLE AT COLLAR 50°		LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM -L 2b+00W; 5+37N	MAP REFERENCE NO. NTS 32E/5		CLAIM NO. 955601	
DATE HOLE STARTED May 25, 1988		DATE COMPLETED May 26		DATE LOGGED May 27		LOGGED BY T. Guoth.		113.8m 46°			LOCATION (T.P., Lot, Con. OR Lot. and Long.) St. Laurent Township			
EXPLORATION CO., OWNER OR OPTIONEE Glen Aiden-Tarzan Gold Joint Venture				DATE SUBMITTED		SUBMITTED BY (Signature) <i>Jeff Kukurshak</i>					PROPERTY NAME Tarzan, Chimp Grid			

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS ± Au(ppb) Cu(ppm) Zn(ppm) As(μg)				
0	2 metres	Overburden											
9	113.8	Andesite Porphyry (Fine Grained Gabbro?)	<p>Medium green-grey, fine to medium grained, massive to weakly foliated. Composed of actinolite, chlorite, plagioclase, epidote, minor sericite and quartz. There is a weak to moderate patchy green-white siliceous alteration, weak to moderate pervasive chlorite alteration, and a very weak calcite alteration. Hairline fractures infilled by silica average 3-4 strings per metre core length.</p> <p>Phenocrysts are white, 3-5mm in width, and composed of subhedral to subhedral aggregates of plagioclase crystals. Groundmass is fine grained and composed of actinolite, chlorite, talc (5-10%), plagioclase and secondary quartz.</p> <p>@ 11.3m. Amphigdules, irregular shape, 5cm long, 2-3mm wide, yellow-white alteration rim infilled by chlorite, plagioclase, quartz and minor pyrite.</p> <p>- 106251. Moderate to strong patchy silicification, 1-2% disseminated pyrite.</p> <p>- 106252. 1-2% fine disseminated pyrite - chlorite.</p> <p>- oval to elliptical amygdules, up to 1cm wide, infilled by chlorite, quartz and plagioclase. ~1/2mm chlorite rim around amygdules.</p> <p>- rust brown-yellow staining common on foliation planes.</p> <p>- 106253 and 106254. 1-2% fine disseminated pyrite.</p> <p>- the intensity and amount of silicification is locally variant.</p> <p>- 106255, 106256 and 106257. 1-2% fine disseminated chlorite.</p> <p>Overall, rock appears to be regionally metamorphosed to a lower greenschist facies.</p> <p>- relatively weathered sections of rock are recognized by 1-2cm wide chlorite rims (yellow selvage?).</p>	~45-50°	106251	12.1	13.1	1.0	8	60	79	NI	
					106252	19.9	20.9	1.0	3	186	92	NI	
					106253	20.9	21.9	1.0	3	66	34	NI	
					106254	26.7	27.7	1.0	3	62	46	NE	
					106255	37.3	38.3	1.0	4	106	32	NE	
					106256	39.4	40.4	1.0	7	56	47	NE	
					106257	40.4	41.4	1.0	5	220	49	NI	

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

DIAMOND DRILLING LOG

portion of form only on first page for each hole.

FILL IN ON EVERY PAGE
 HOLE NO. TCH88-3
 CLAIM NO. 02

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

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †				
						FROM	TO		As(ppm)	Cu(ppm)	Zn(ppm)	Ag(ppm)	
			@ 45m - Hematite stains on fracture planes.		106258	45.5	46.5	1.0	4	36	41	ND	ND
			106258 - 1-2% hematite stains on fracture planes, 1% fine disseminated pyrite.		106259	49.9	51.1	1.2	4	192	86	ND	ND
			106259 - 1-2% fine disseminated pyrite.		106260	57.2	58.2	1.0	4	240	61	ND	ND
			106260 and 106261 - 1-2% fine cpn. aggregates		106261	65.4	66.4	1.0	3	92	79	ND	ND
			Sometimes rock has a grey solar due to patchy silicification.		106262	71.6	72.6	1.0	4	99	42	ND	ND
			In areas of strong patchy silicification, rock has been texturally brecciated producing a mosaic pattern of hairline fractures infilled by dark grey silica.		106263	73.9	74.9	1.0	5	164	649	ND	ND
			Calcrete stringers, ~ 0.5 cm wide, parallel to weak foliation planes. average 2 stringers per metre core length.		106264	80.2	81.2	1.0	4	74	50	ND	ND
			106262 and 106263 - 1-2% fine cpn. aggregates		106265	87.1	88.1	1.0	4	198	80	ND	ND
			fc. 91.95.4m - moderate to strong patchy silicification		106266	92.7	93.7	1.0	5	28	524	ND	ND
			106265 and 106264 - less than 1% cpn.		106267	96.8	97.8	1.0	2	30	37	ND	ND
			- 106266 - @ 93.5m, 4.0 cm wide grey siliceous barren quartz stringer.		106268	104	105	1.0	3	6	67	ND	ND
			- 106267 - 1% fine cpn. aggregates		106269	108.8	109.8	1.0	15	20	63	ND	ND
			- 106268 and 106269 - moderate to strong patchy silicification, 4% pyrite.		106270	112.9	113.9	1.0	5	144	72	ND	ND
			@ 111.7m - 5-10% up to 2.5cm wide (short axis) oval shaped amygdules rimmed by chlorite and infilled by chlorite and chlorite.										
			- 106270 - trace chlorite.										
			113.8 metres - End of Hole.										

† Assays such as foliation, bedding, schistosity, measured from the long axis of the core.

ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT:	GLEN AUDEN RESOURCES LIMITED/TARZAN GOLD INC. JOINT VENTURE M-257	HOLE NUMBER:	TCH88-4
AREA:	ST. LAURENT TOWNSHIP	LOCATION:	LINE 2+00W; 4+12N
CLAIM NUMBER:	877705	AZIMUTH:	0°
CORE SIZE:	BQ	DIP:	55°
DRILLED BY:	FORAGE MODERNE INC.	DATE:	MAY 26-27, 1988
LOGGED BY:	T. GUOTH	CASING:	10.5 METRES
CORE STORED AT:		LENGTH:	105 METRES
OBJECTIVE:		ACID TESTS:	51° AT 105 METRES

DIAMOND DRILLING LOG

portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 01

TCH88-4

CLAIM NO. 877705

MAP REFERENCE NO. NTS 32E/5

LOCATION (Tp., Lot, Con. OR Lat. and Long.)

St. Laurent Township

PROPERTY NAME

Targan, Aba South Grid

DRILLING COMPANY Forage Moderne		COLLAR ELEVATION -	BEARING OF HOLE FROM TRUE NORTH 0°	TOTAL FOOTAGE 105 metres	DIP OF HOLE AT COLLAR 55°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM L2+00W; 4+12N	MAP REFERENCE NO. NTS 32E/5	CLAIM NO. 877705
DATE HOLE STARTED May 26 1988	DATE COMPLETED May 27	DATE LOGGED May 29	LOGGED BY T. Guoth	105 m 51°			LOCATION (Tp., Lot, Con. OR Lat. and Long.) St. Laurent Township	PROPERTY NAME Targan, Aba South Grid
EXPLORATION CO., OWNER OR OPTIONEE Targan Gold Incorporated.		DATE SUBMITTED	SUBMITTED BY (Signature) P. Kulichschic	ft				
				ft				

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †					
						FROM	TO		As(ppm)	Cu(ppm)	Zn(ppm)	Pb(ppm)		
0	10.5 m	Overburden												
10.5	23.5	Mafic Flow (Porphyritic)	Dark to medium grey-green, fine grained, massive to weakly foliated. Composed of chlorite, actinolite, plagioclase (white and pink), talc, olivine, pale green and white calcite and minor quartz and pyrite. The rock is weakly to moderately chlorite altered (grassy-green talc alteration) and hematite stains on fractured planes and there is a strong pale green patchy calcite alteration. Plagioclase occurs in subhedral to euhedral aggregates that are commonly brecciated by hairline fractures filled by chlorite. Porphyroblastic texture is commonly found within plagioclase. Chlorite and actinolite crystals are found within plagioclase crystals. Some of the plagioclase aggregates are up to 3 cm x 0.5 cm in size. Quartz-calcite stringers (1-2 mm wide) cross-cut rock at various angles and average 5-10 stringers per metre core length. @ 20.1 m - pseudo-banding of pale green calcite alteration. Alternating dark and light green bands up to 1 cm wide. @ 15.5 m - hematite stains and talc (grassy-green) along fracture planes @ 10° CA. @ 16.3 m - fault gouge. - 106271 - 1-2% fine disseminated pyrite. - 106272 - moderate to strong patchy pale green calcite alteration. Trace pyrite. Calcite (pale green) stringers (1-2 mm wide) commonly @ 45-50° CA. @ 29.5 m - 4 cm wide grey calcite-quartz stringer @ 20° CA. Hairline fractures infilled with pale green calcite frequently produce a mosaic pattern.	45-50°	106271	15.1	16.1	1.0	3	4	27	ND		
					106272	17.9	18.9	1.0	4	4	31	ND		

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

DIAMOND DRILLING LOG

portion of form only on first page for each hole.

FILL IN ON EVERY PAGE
 HOLE NO. **TCH88-4**
 CLAIM NO. **02**

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 (Twp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft				
					ft				PROPERTY NAME

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †			
						FROM	TO		As(ppb)	Cu(ppm)	Zn(ppm)	As(ppm)
			@ 29.7m: 2mm wide brown alteration (hematite?) rimming calcite stringers.		106273	23.7	24.6	0.9	3	4	16	ND
			@ 23.5m - plagioclase phenocrysts disappear. -106273 - 20-25% pale green calcite stringers by volume, ± 1% pyrite.		106274	28.4	29.5	1.1	4	106	554	ND
			-106274 - calcite-quartz stringer @ 29.5m, overall, ± 1% pyrite + cpy aggregates.									
23.5	105	Mafic Flow	Same as above. Medium to dark grey-green, fine grained, massive to very weakly foliated. Composed of plagioclase laths, chlorite, actinolite, talc, calcite and minor quartz. There is a weak to moderate chlorite alteration, very weak pervasive calcite alteration and a patchy grassy green talc alteration. Pale green calcite and hematite are common along fracture planes. Two types of calcite-quartz stringers are recognized: i) strongly deformed, 2mm wide, stringers forming a mosaic pattern. ii) Undeformed, up to 2cm wide, stringers oriented from 50-80° CA. - hematite stains @ 35.4, 35.6, 40.2 and 43.2m. @ 43.5m - 2cm wide barren calcite quartz stringer at 20° CA. 106275 - 20% calcite stringers by volume, trace pyrite. 106276 - calcite-quartz stringer @ 43.5m, trace pyrite. Starting at 44.7m, 2.5mm long plagioclase laths are enclosed in chlorite, actinolite, and plagioclase potholes with a nepheline to subophitic texture. Rock is non-magnetic, sericitic and appears to be regionally metamorphosed to lower greenschist facies.		106275	35.2	36.2	1.0	5	12	19	ND
					106276	43.3	44.3	1.0	3	4	28	ND

† or features such as foliation, bedding, schistosity, measured from the long axis of the core.

DIAMOND DRILLING LOG

portion of form only on first page for each hole

FILL IN ON EVERY PAGE

HOLE NO. 7CH88-4 03
CLAIM NO.

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 (Twp., Lot, Con. OR Lot. and Long.)			
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft					
					ft					
					ft		PROPERTY NAME			

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS *				
						FROM	TO		Au(ppb)	Cu(ppm)	Zn(ppm)	Ag(ppb)	
			- fr. 54.8 - 56.2 m - patchy pale green fine grained mineral and calcite alteration. 65-70% by volume.		106277	44.7	45.7	1.0	4	86	47	ND	
			-106277 - 1-2% fine disseminated pyrite.		106278	54.8	55.8	1.0	4	6	42	25	
			-106278 - 65-70% by volume, patchy pale green mineral and calcite alteration (trace pyrite).		106279	60.9	61.9	1.0	7	144	23	ND	
			fr. 58.4 - 60.5 m - up to 50% plagioclase laths, up to 1mm long, subophitic texture		106280	62.5	63.5	1.0	22	320	31	ND	
			@ 56.9 m - hematite stains on fracture planes ~80CA		106281	68.2	69.2	1.0	4	124	440	ND	
			-106279 and 106280 - 1-2% fine pyrite aggregates.		106282	72.3	73.3	1.0	2	6	63	ND	
			fr. 71.7 - 73.7 m - 55-60% patchy pale green calcite alteration.		106283	83.8	84.8	1.0	5	104	39	ND	
			fr. 72.7 - 73m - barren calcite vein containing minor quartz @ 20CA.		106284	89.6	90.6	1.0	5	14	60	ND	
			@ 68.7m - hematite stains on fracture planes @ 40CA		106285	98.4	99.4	1.0	4	8	54	ND	
			-106281 - 1-2% pyrite stringers.		106286	104	105	1.0	4	6	45	ND	
			-106282 - barren calcite vein fr. 72.7-73m, trace pyrite										
			fr. 82.7 - 83.3m - pale green calcite alteration.										
			fr. 89.7 - 90.7m - pale green patchy calcite alteration.										
			106283 and 106284, 50% pale green calcite alteration										
			fr. 98.4 to 99.6m - 30-35% by volume, pale brown, white patchy feldspar alteration brecciated by hairline fractures infilled by chlorite (mafic minerals). Blebs of mafic minerals within feldspar - porphyroblastic texture.										
			106285 - 30-35% feldspar alteration, trace pyrite.										
			fr. 102.2 - 105m - 1-2% phenocrysts up to 1cm, composed of aggregates of white feldspar laths. Feldspar laths in groundmass compose up to 50% of rock.										
			Overall there is 1-2% fine disseminated pyrite and trace chalcopyrite.										
			106286 - Trace pyrite.										
			In general, rock is brecciated by hairline fractures infilled by green calcite and minor hematite. Rock could be a fine grained gabbro or coarse mafic dike.										
			105 metres - End of Hole.										

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



Name and Postal Address of Recorded Holder

GLEN AUDEN RESOURCES LIMITED

P.O. Box 1637 TIMMINS ONT P4N 7W8

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1377.30 ✓	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only)	Please refer to attached schedule "A" (68 CLAIMS)								
	<input type="checkbox"/> Manual Work								
	<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work.								
	<input type="checkbox"/> Compressed Air, other Power driven or mechanical equip.								
	<input type="checkbox"/> Power Stripping								
	<input checked="" type="checkbox"/> Diamond or other Core drilling								
<input type="checkbox"/> Land Survey									

All the work was performed on Mining Claim(s): 2877705, 2955601, 2955602, 2955612

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

DRILL: HYDRAULIC HAGBY BRUK
BQ SIZE CORE

FORAGE MODERNE INC.
1161, des Manufacturiers-C.P.
P.O. Box 218 - Val D'Or,
J9P 4P3

MINERAR GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
JUL 12 1988
RECEIVED

LARDER LAKE MINING DIVISION
RECEIVED
JUN 29 1988
10.45am
[Signature]

Date of Report: June 27/88
Recorded Holder or Agent (Signature): Clifford G. Kubisheskie

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Clifford G. Kubisheskie

Date Certified: June 27/88
Certified by (Signature): Clifford G. Kubisheskie

P.O. Box 1637 Timmins Ont P4N 7W8

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil



ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

Cedar St. So.
Box 1637
Orillia, Ontario
L7W8
Telephone (705) 264-4246
Fax: 705-267-6110

Suite 301
121 Richmond St. W.
Toronto, Ontario
M5H 2K1
Telephone: (416) 861-9316
Fax: 416-861-1367

Ministry of Natural Resources
4 Government Road East
KIRKLAND LAKE, Ontario
P2N 1A2
c/o Mining Recorders Office

July 8, 1988

Re: Glen Auden Resources
Previously Filed Report of Work
Our Jobs #180 & 257

Dear Sir/Madam:

Please accept the following amendments to our Report of Work covering Diamond Drilling performed on claims in St. Laurent Township. Enclosed are copies of a revised location map and Reports of work for both drilling and assaying.

Please note that we would like to apply the work equally to all claims listed in the Schedule "A" attachment of the Report of Work

(ie: 1377.30 / 68' claims = 20.25 days per claim).

HOLE	CLAIM	DATES	HOLE DEPTH
TCH88-1	955612	MAY 20-21, 1988	90.0 Metres (295.3 ft.)
TCH88-2	955607	MAY 23-24, 1988	111.0 Metres (364.2 ft.)
TCH88-3	955601	MAY 25-26, 1988	113.8 Metres (373.4 ft.)
TCH88-4	877705	MAY 26-27, 1988	105.0 Metres (344.5 ft.)

TOTAL 419.8 Metres (1377.4 ft.)

It is my hope that this meets all requirements. Should you have any questions, please call.

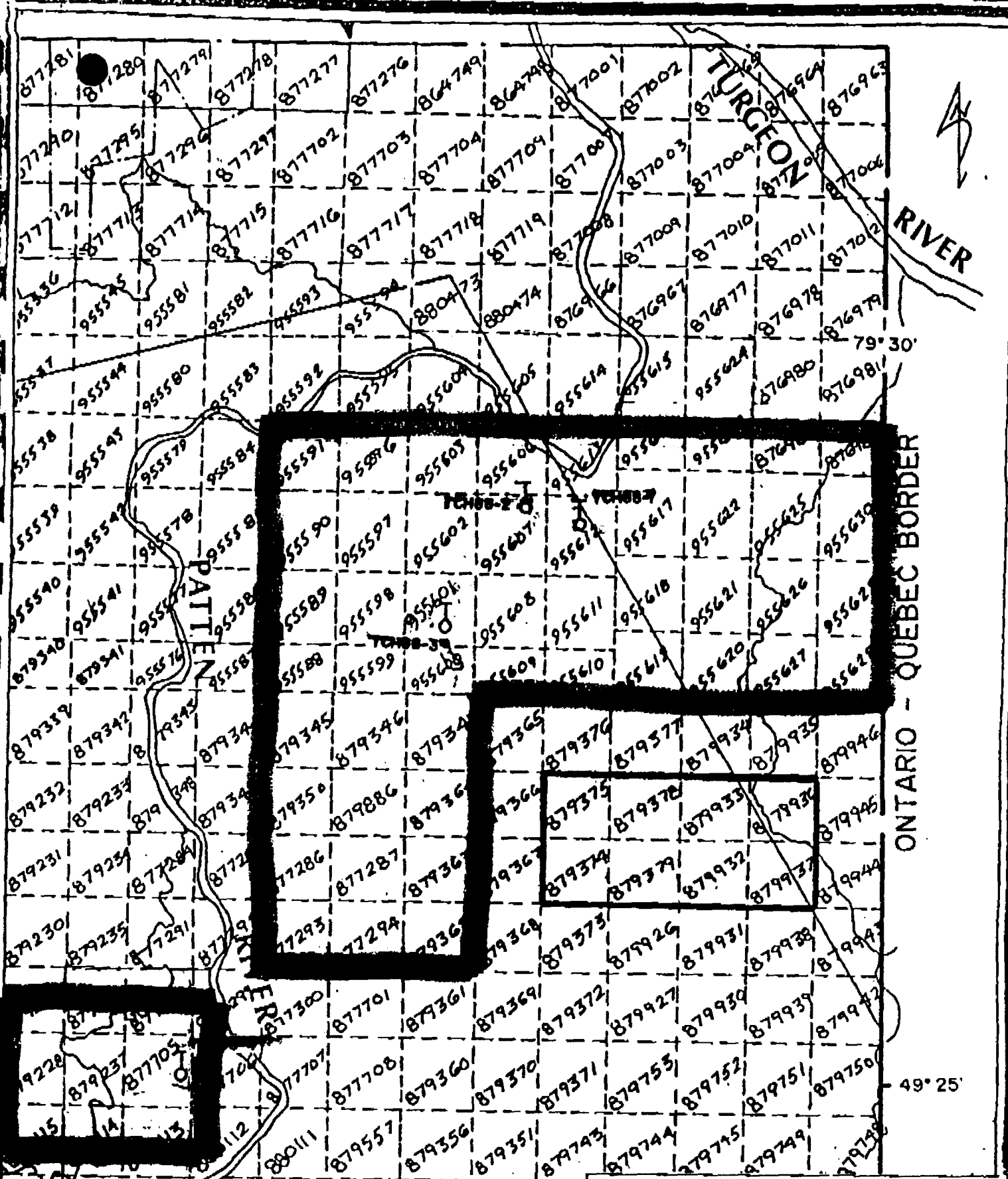
Sincerely,
Cliff Kubisheskie
Cliff Kubisheskie

GLEN AUDEN RESOURCES LIMITED
ST. LAURENT TOWNSHIP DIAMOND DRILLING
DISTRIBUTION OF WORK CREDITS

re: M180 & M257

SCHEDULE "A"

879223	955501	955543
879224	955502	955544
879225	955503	955545
879226	955508	955576
879227	955509	955577
879228	955510	955578
879229	955511	955579
879230	955512	955580
879231	955513	955581
879232	955518	955582
879233	955519	955583
879234	955520	955584
879235	955521	955585
879236	955522	955586
879237	955523	955587
879337	955528	955592
879338	955529	955593
879339	955530	955594
879340	955532	955595
879341	955535	955604
879342	955536	955605
	955539	955614
	955542	955615
		955624



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.	
July 8/88	TARZAN GOLD INC.	
	Title ST. LAURENT TWP. Claim Map	
	Fig. 3	
Date: June 88	Scale: 1"=2mi	N.T.S.: 32E/5
Drawn: BSB	Approved:	File: M-287