ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED
CONSULTING GEOLOGICAL ENGINEERS

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Report on

GEOLOGY, GEOCHEMISTRY, GEOPHYSICS AND BULLDOZER TRENCHING

on the

TAWA PROPERTY

(Tawa 1-12, 15-24, 25F, 26F, 27-34, 35F, 36F, 37-38, 47-71 Claims)

NTS 115I/3

Latitude 62°07'N; Longitude 137°15'W

for

FREEGOLD VENTURE

DECEMBER, 1986

by

W.D. Eaton, B.A., B.Sc.

Work done between June 6 and September 8, 1986

BOX 4127, 3125 THIRD AVENUE, WHITEHORSE, Y. T. Y1A 3S9

(403) 667-4415

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 19,400.

D D'Emond

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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INTRODUCTION

Chevron Minerals Ltd. optioned the Tawa 1-24 claims from Consolidated BRX Mining and Petroleum Corporation in spring, 1986 on behalf of Freegold Venture (FV). Geological mapping, prospecting, grid soil geochemistry and EM-16 surveys conducted in June produced encouraging results and 37 additional Tawa claims were staked in late July to cover extensions of the anomalous trends. In August and early September, approximately 50% of the new claims were explored by grid soil geochemistry while selected geochemical and geophysical anomalies on the core property were tested by bulldozer and excavator trenching. The work was supervised by the author. Appendix I contains the author's Statement of Qualifications and Appendix II lists the personnel who worked on the property.

PROPERTY, LOCATION AND ACCESS

The Tawa property consists of 57 full and 4 fractional claims as shown on Figure T-1 in the pocket. During field claims surveys it was found that the Tawa 13-14 optioned by Chevron did not exist on the ground, and, therefore, they were allowed to expire. The Tawa 1-12 and 15-24 are registered in the name of Chevron Minerals Ltd., while the remainder are registered in the name of Archer, Cathro & Associates (1981) Limited with the Whitehorse Mining Recorder as follows:

PROPERTY (Claim Map)	CLAIM NAME	GRANT NUMBERS	EXPIRY DATE
TAWA (115I/3)	Tawa 1-12	YA75263-YA75274	January 3, 1990
	15-24	YA75277-YA75286	January 3, 1990
	25F-26F	YA95051-YA95052	January 3, 1991
	27-34	YA95151-YA95158	January 3, 1991
	35F-36F	YA95159-YA95160	July 16, 1987
	37-38	YA95161-YA95162	July 16, 1987
	47-63	YA95163-YA95179	January 3, 1991
	64-71	YA95301-YA95308	January 3, 1991

The claims are located 50 km west of Carmacks on NTS map sheet 115I/3 at latitude 62°07'N and longitude 137°15'W. Road access is available to within 0.5 km of the property during summer and fall using the gravel Nansen Road which is maintained by the Yukon Territorial Government.

HISTORY

The first report of lode mineralization on what is now the Tawa property came in 1937 when Karl Paulson, a placer miner, was rumored to have discovered high grade silver-lead float. The first claims were staked in October, 1947 by G. Dickson who optioned them to Conwest Exploration Limited which performed minor bulldozer trenching in 1948. From then until the late 1960's the property was dormant.

In 1967, J. Smith and associates of Whitehorse staked the May 1-8 claims and collected reconnaissance soil samples that yielded anomalous lead and silver values. This group also dug one bulldozer trench but no mineralization was intersected. In 1968 and 1969 Esansee Explorations Ltd. conducted geological mapping, geochemical and geophysical surveys and bulldozer trenching, and built a 14 km tote road from the Mt. Nansen millsite to the property.

No further work was done until 1980 when Consolidated BRX Mining and Petroleum Corporation restaked the property as the Tawa claims and explored with a soil geochemical survey, three short bulldozer trenches (two of which deepened 1968 trenches) and seven diamond drill holes totalling 447.3 m.

PHYSIOGRAPHY AND GEOMORPHOLOGY

The property covers a broad rounded ridge which lies on the eastern flank of Mt. Nansen and separates Nansen Creek from the Klaza River. Local elevations range from 1200 to 1500 m above sea level. The area escaped Pleistocene continental glaciation and overburden consists of a few centimetres of organics, 0 to 5 cm of volcanic ash and up to 200 cm of immature soil mixed with locally derived rock fragments over deeply weathered bedrock. Outcrops are rare and talus is restricted to the ridge crest. Permafrost is extensive, particularly on the north- and west-facing slopes. Vegetation ranges from stunted black spruce, buckbrush and moss on the low slopes to lichens and grasses near the ridge tops.

GEOLOGY

The Tawa property is situated within the Yukon Crystalline Terrane which consists of Paleozoic or older metamorphic basement rocks intruded and overlain by a variety of igneous rocks related to the Coast Plutonic Complex. The basement schist and gneisses are not exposed on the property and the igneous suite is limited to a granodiorite stock with lesser volcanic and hypabyssal dyke rocks, all of which are believed to be Mid-Cretaceous in age, as shown on Figure T-1 in the pocket. The granodiorite contains up to 30% hornblende plus biotite and is massive, coarse grained and non-foliated. Northwest-trending feldspar porphyry dykes (up to 30 m wide) cut the granodiorite in the main area of interest. These felsic rocks are strongly fractured and contain up to 15%, 1 to 2 mm orthoclase phenocrysts plus rare biotite and quartz phenocrysts in a buff aphanitic groundmass. Volcanic rocks are found peripheral to the main area of interest and include medium green-grey andesite flows and pyroclastic rocks with occasional buff to tan rhyolitic tuff horizons.

Two main fault trends (NW and NE) are present on the property. Northwesterly faults generally lack strong topographic expression but are highly significant as they host vein mineralization and appear to control the distribution of the porphyry dykes. Faults and porphyry dykes with the same orientation are associated with vein and stockwork mineralization at the Brown-McDade, Huestis and Webber Zones on the Mt. Nansen property, some 6 km to the southeast. Northeasterly faults usually form prominent topographic linears but appear to be unmineralized cross faults. These structures commonly produce 5 to 50 m offsets on northwest-trending faults.

MINERALIZATION

Precious metal mineralization occurs in a series of northwest-trending veins and associated feldspar porphyry dykes that dip moderately to the southwest within the granodiorite host rocks. The veins typically consist of 1 to 10 m wide gouge zones containing by a few cm to 3 m wide, pitted, light green quartz bands. In a few areas, up to 30 cm wide lenses of relatively massive arsenopyrite, pyrite and/or galena are developed alongside the quartz. The footwall contacts are generally sharp while the hanging wall contacts show a gradual decrease in fracture density and alteration intensity. Typical alteration zonation grades from quartz, sericite and kaolinite in the core of the vein, to strongly montmorillonite altered gouge containing orange limonite, to highly fractured, weakly montmorillonite altered and manganese stained wallrocks on the periphery.

Previous operators reported trench assays as high as 0.962 oz/ton Au with 17.72 oz/ton Ag over 30 cm (from a trench that was deepened in 1986 and renamed T-4) and drill intersections grading up to 0.183 oz/ton Au with 0.44 oz/ton Ag over 8.9 m, including 0.715 oz/ton Au with 1.46 oz/ton Ag over 1.5 m (from Hole 80-6 which was drilled beneath T-4). The other holes returned low values or were unmineralized, however many gave poor recovery and some were drilled subparallel to the veins never getting out of the footwall rocks. Three specimens of nearby massive galena (one collected by previous operators and the others by FV) returned 50 to 55% Pb with 70.10 to 145.42 oz/ton Ag and 0.048 to 1.702 oz/ton Au. Previous drilling has shown that moderate to strong oxidation is present to a depth of about 20 m in mineralized structures.

GEOCHEMISTRY

Soil samples were collected at 50 m intervals on lines spaced 100 m apart using four northwest-trending baselines for grid control. The two northerly baselines are approximately 800 m apart while the others are 1000 m apart. The baselines are marked with 1 m high wooden lath at 50 m intervals and sample locations are indicated by 0.5 m high lath bearing aluminium tags inscribed with the grid coordinates and sample number. Sampling was easy except for an area of near surface permafrost in the north-central portion of the grid. A total of 1405 samples was collected and sent to Chemex Labs of North Vancouver where they were dry sieved through a -35 mesh screen and ring pulverized to approximately -100 mesh before being analyzed for gold by neutron activation. ICP analyses will be ordered for all soil samples in early December and results will be reported upon separately.

Figure T-2 in the pocket illustrates gold soil values. Background values on the property and elsewhere in the Dawson Range are in the range of 1 to 5 ppb Au and the weak, moderate and strong anomalous thresholds are 25, 50 and 100 ppb Au, respectively. The samples returned an unusually high proportion of moderate and strongly anomalous values (up to 6258 ppb Au) that collectively form a series of northwest-trending clusters. Individual clusters are strikingly linear and are continuous for lengths up to 2000 m. The strongest areas of anomalous response were not tested by previous operators.

GEOPHYSICS

During June and July a Ronka EM-16 geophysical survey was conducted over the Tawa core property in an attempt to delineate the mineralized structures. The survey totalled 43.2 linear kms and consisted of readings taken at 15 m intervals on soil sample lines spaced 100 m apart. At each station, readings were taken for the Seattle and Hawaii stations and all data was Fraser filtered. Figure T-3 in the pocket illustrates results for the Seattle station which indicates a series of northwest-trending conductors that are continuous over strike lengths of up to 1900 m and coincide with known mineralized structures and geochemical anomalies. Results from the Hawaii station were not contourable and are not shown.

TRENCHING

Trenching was done with a ripper-equipped Caterpillar D7G bulldozer and Insley 1000H excavator contracted from Ibex Contracting Ltd. of Whitehorse. The bulldozer stripped vegetation from proposed trenches while the excavator was used to finish them. Although 4,772 m of pre-stripping was done, the frozen ground made progress slow and only 2,055 m were completed to bedrock, including 6 pre-existing trenches which were deepened and 4 new trenches which were wholly or partially finished. The program was terminated when the excavator suffered major drive motor problems.

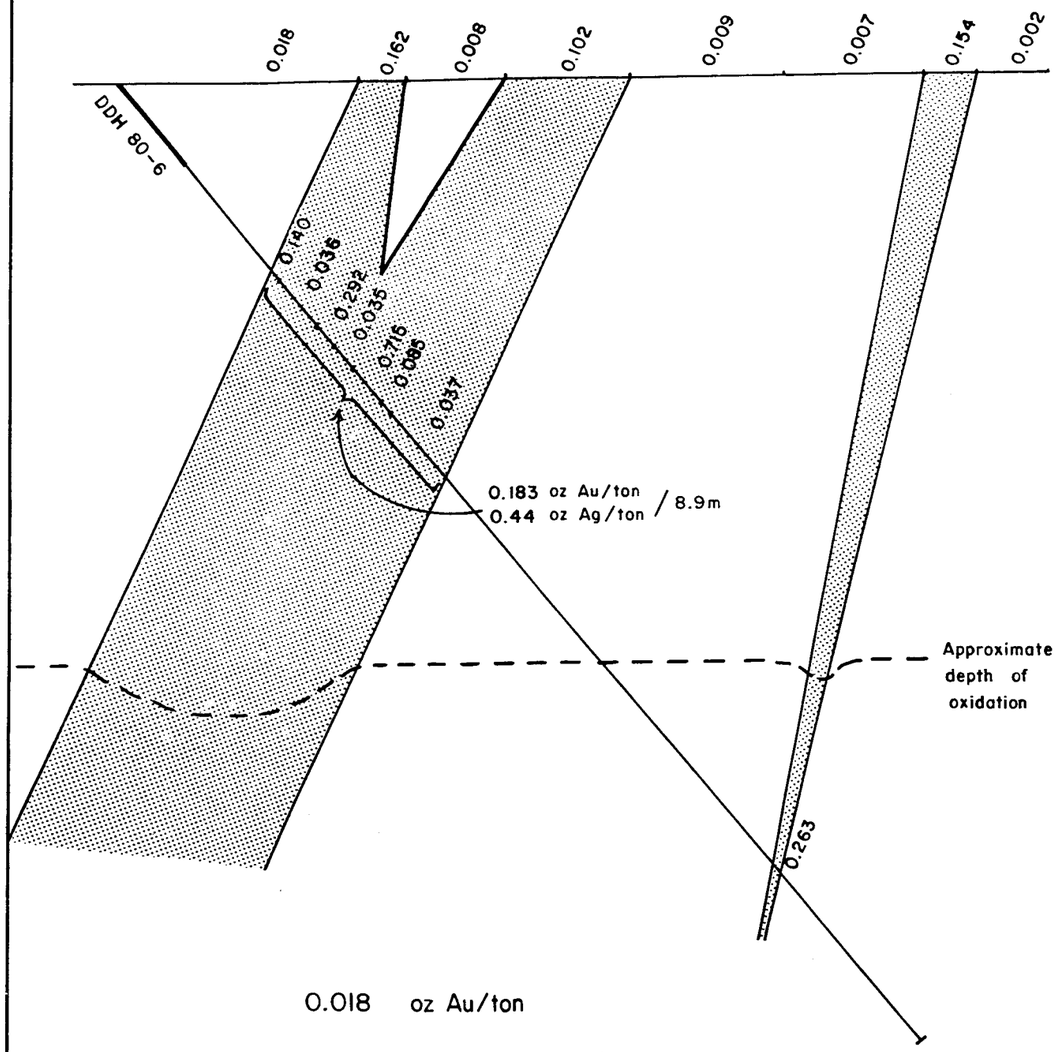
Pre-existing trenches were easily recut and good exposures were obtained. Samples from these trenches were taken at 1 to 10 m intervals depending on the intensity of alteration and mineralization. The four new trenches were often extremely wet and prone to slumping. Thus, they had to be

sampled immediately after digging at standard 5 to 10 m intervals before being mapped. Continuous 7 kg chip samples were taken from the rib as close to the floor of the trench as slumping would allow. A total of 231 samples was collected and sent to Chemex Labs where they were fire assayed for gold and silver.

Most trench assays were in the range of 0.001 to 0.015 oz/ton Au as shown in Appendix III. Twenty-two assays exceeded 0.03 oz/ton Au and all were from either northwest-trending vein faults or porphyry dykes, as shown on Figure T-4. The best results were obtained from Trench T-4 where one vein fault returned assays of 0.162 oz/ton Au with 0.91 oz/ton Ag over 1.4 m and 0.102 oz/ton Au with 0.44 oz/ton Ag over 4 m, while a second yielded 0.154 oz/ton Au with 3.85 oz/ton Ag over 2 m. This trench overlies 1980 BRX drill hole 80-6 which produced a 8.9 m intersection grading 0.183 oz/ton Au with 0.44 oz/ton Ag and a second 0.3 m intersection grading 0.263 oz/ton Ag with 0.70 oz/ton Ag. Figure T-5 on the following page illustrates the relationship between the trench and drill assays which confirms the steep southwest dips observed on mineralized structures in the trench. The structures appear to be faulted off to the southwest but were intersected in Trenches T-6 and T-7, 250 and 650 m to the northwest, respectively, where they returned values up to 0.154 oz/ton Au with 7.07 oz/ton Ag over 2.5 m. None of the other drill holes properly tested these structures.

The best assays from new trenches came from Trench T-5 where three samples taken from a porphyry dyke returned 0.062, 0.058 and 0.032 oz/ton Au over 7.5, 5.0 and 10.0 m, respectively, and Trench T-8 where a 5 m sample from a quartz vein produced 0.068 oz/ton Au with 0.11 oz/ton Ag.

CROSS SECTION LOOKING NW

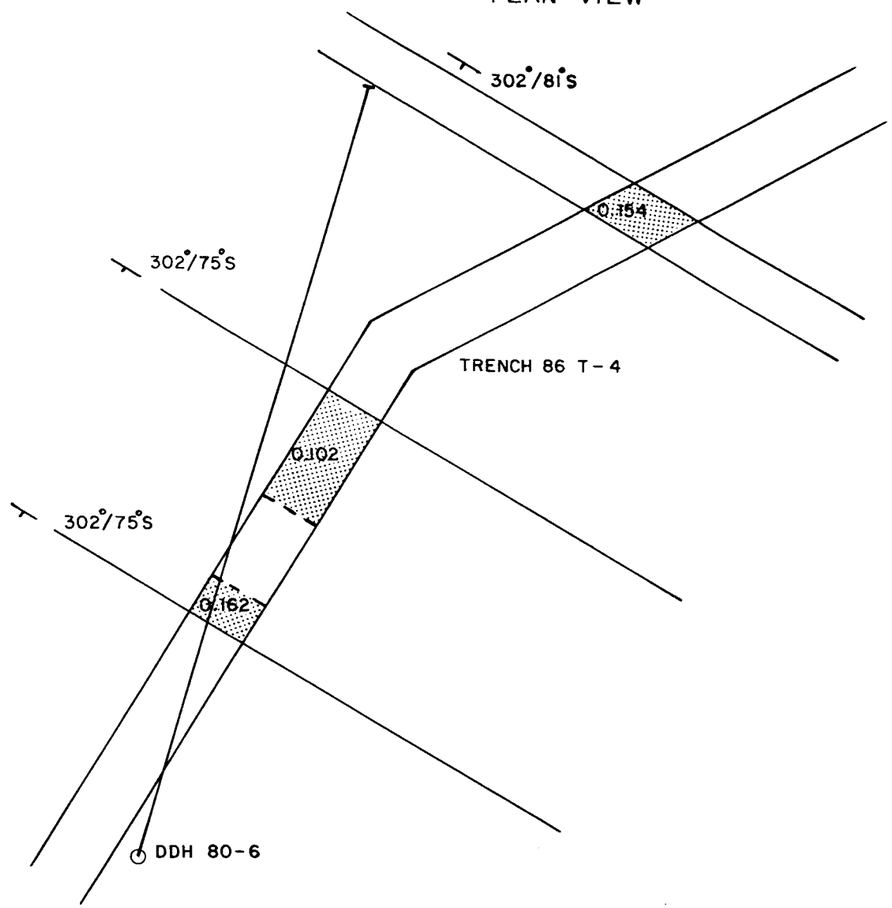


0.018 oz Au/ton

Mineralized vein zone

4 2 0 2 4 6 8 10 meters

PLAN VIEW



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SECTION DDH 80-6

TAWA PROPERTY

FIGURE No. T-5		PROJECT No. FV	
DATE DEC 86	REVISIONS		SCALE 1:200
NTS No.			FILE No.
COMPILED BY	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED		

CONCLUSIONS

Results of 1986 exploration at the Tawa property are highly encouraging and it appears to be the most significant FV property. Soil gold geochemistry and EM-16 surveys have outlined a series of coincident, northwest-trending anomalies and conductors that have up to 2 km strike lengths and parallel the trend of mineralized structures intersected in bulldozer trenches and old drill holes. Considering the width and grade of some mineralization intersections and the size, intensity and continuity of the relatively untested geochemical and geophysical anomalies, there is good potential for significant, medium to high grade, open pittable reserves, some of which will be strongly oxidized and presumably amenable to cyanidization. The potential of the property is further enhanced by its proximity to the mineralization and infrastructure at the nearby Mt. Nansen property.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

W.D. Eaton, B.A., B.Sc.

Dec 10/86
WBG

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GEOLOGY

TAWA PROPERTY

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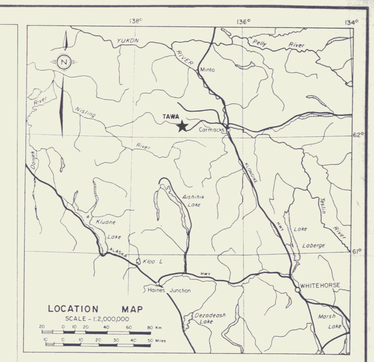
FIGURE No T-1		PROJECT FREEGOLD VENTURE	
DATE DEC.86	REVISIONS		SCALE 1:5000
NTS No.			FILE No.
COMPILED BY ARCHER, CATHRO & ASSOCIATES (1981) LIMITED			



Stripped area
Excavator trench
Trail
Road
Stream
Claim boundary
• 51 Soil sample location with Au values in ppb
Producing placer mine
≥25 < 50 ppb Au
≥50 < 100ppb Au
≥100ppb Au

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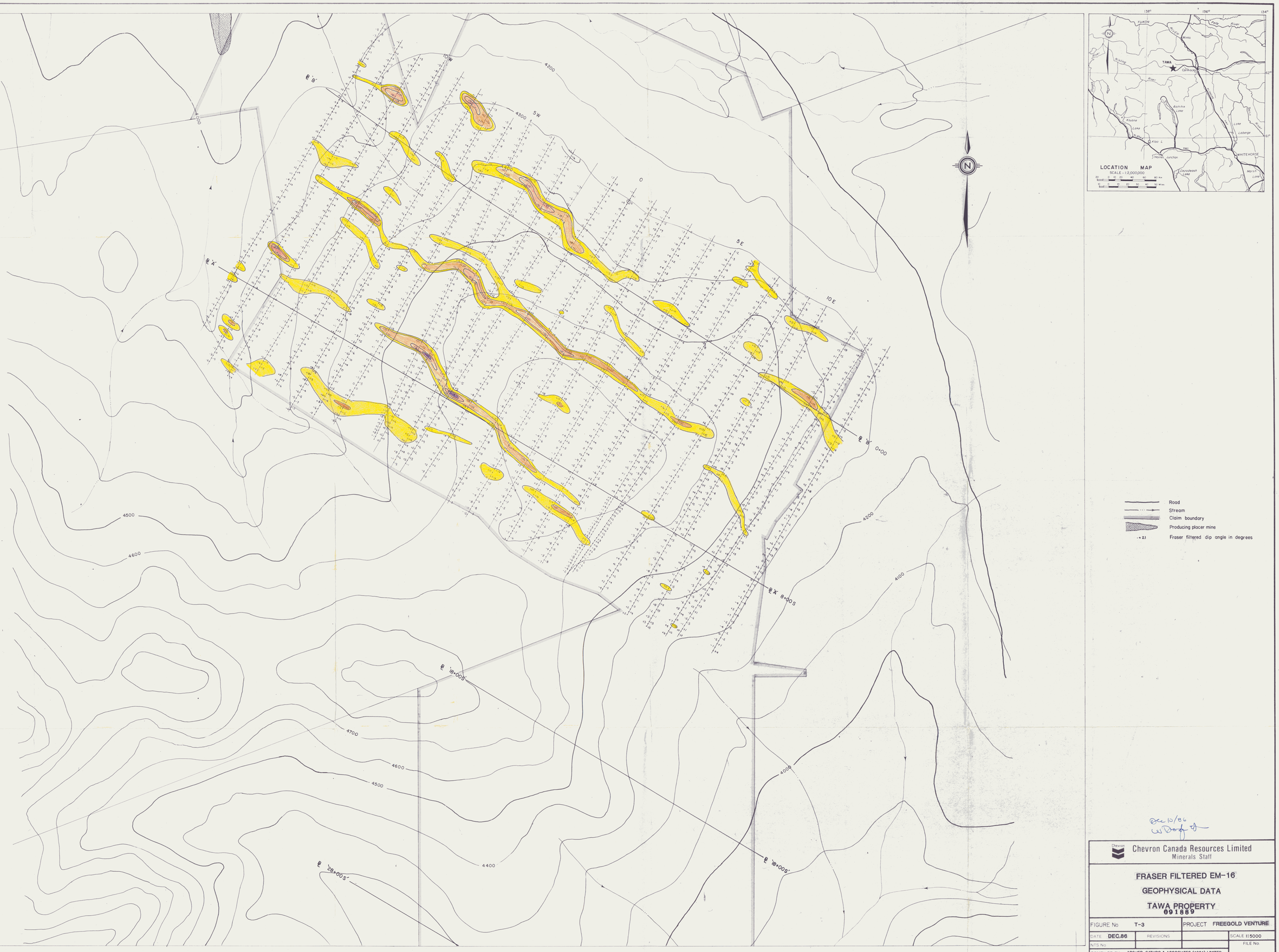
GOLD GEOCHEMISTRY
TAWA PROPERTY

091889

FIGURE No T-2		PROJECT FREEGOLD VENTURE	
DATE DEC.86	REVISIONS		SCALE 1:5000
NTS No.			FILE No.
COMPILED BY ARCHER, CATHRO & ASSOCIATES (1981) LIMITED			



Dec 10/86
W Doughty

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FRASER FILTERED EM-16
GEOPHYSICAL DATA
TAWA PROPERTY
091889

FIGURE No. T-3		PROJECT FREEGOLD VENTURE	
DATE DEC.86	REVISIONS		SCALE 1:5000
NTS No.			FILE No.
COMPILED BY ARCHER, CATHRO & ASSOCIATES (1981) LIMITED			

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TRENCH ASSAYS
GEOPHYSICAL & GEOCHEMICAL COMPILATION
TAWA PROPERTY

091889

091889

FIGURE No. T-4		PROJECT FREEGOLD VENTURE	
DATE DEC. 86	REVISIONS		SCALE 1:5000
NTS No.			FILE No.
COMPILED BY ARCHER, CATHRO & ASSOCIATES (1981) LIMITED			

APPENDIX I

STATEMENT OF QUALIFICATIONS

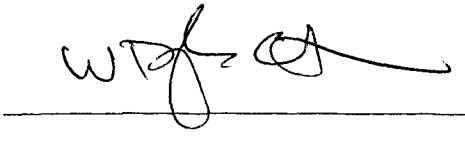
STATEMENT OF QUALIFICATIONS

I, W. Douglas Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia, and residential address in Burnaby, British Columbia, do hereby declare:

1. I graduated from the University of British Columbia in 1980 with a B.Sc.

2. From 1971 to the present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, became a partner in Archer, Cathro & Associates (1981) Limited.

3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.



W. Douglas Eaton, B.A., B.Sc.

APPENDIX II

LIST OF EMPLOYEES

LIST OF EMPLOYEES

D. Eaton	6108 Burns Street, Burnaby, B.C.
M. Walls	5770 McKinnon, Vancouver
T. Becker	#11 - 11031-88th Avenue, Edmonton
D. Kohlhaas	c/o 311-922.5 Alaska Highway, Whitehorse, Yukon
J. Gnucci	520-7th Street South, Cranbrook, B.C.
T. Knight	R.R. #2, Canyonview, Summerland, B.C.

APPENDIX III

TRENCH ASSAYS

DATE: Aug 29, 88 CERTIFICATE NO(S): A8616681-001-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9238	T-1	3.0m	5.0m	2.0	0.041	0.18	
	R9239	T-1	5.0m	7.3m	2.3	0.015	0.22	
	R9240	T-1	7.3m	9.3m	2.0	0.082	0.60	
	R9241	T-1	9.3m	12.0m	2.7	0.003	0.03	
	R9242	T-1	12.0m	15.8m	3.8	0.003	0.03	
	R9243	T-1	15.8m	17.2m	1.4	0.012	0.07	
	R9244	T-1	17.2m	18.3m	1.1	0.008	0.05	
	R9245	T-1	18.3m	20.0m	1.7	0.014	1.09	
	R9246	T-1	29.0m	30.6m	1.6	0.008	0.16	
	R9247	T-1	30.6m	33.5m	2.9	0.004	0.11	

DATE: Aug 29, 1986 CERTIFICATE NO(S): A8616651-001-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9248	T-2	0	10	10.0	0.001	0.01	
	R9249	T-2	10	20	10.0	0.001	0.05	
	R9250	T-2	20	22	2.0	0.002	0.01	
	R9251	T-2	22	25	3.0	0.005	0.16	
	R9252	T-2	25	30.3	5.3	0.004	0.03	
	R9253	T-2	30.3	38	7.7	0.001	0.01	
	R9254	T-2	38.0	41.0	3.0	0.001	0.05	
	R9255	T-2	41.0	43	2.0	0.003	0.45	
	R9256	T-2	43	50.3	7.3	0.002	0.31	
	R9257	T-2	50.3	53	2.7	0.118	3.44	
	R9258	T-2	53	59	6.0	0.006	0.11	
	R9259	T-2	59	60.4	1.4	0.010	0.23	
	R9260	T-2	60.4	62.6	2.2	0.004	0.08	
	R9261	T-2	62.6	72.5	9.9	0.002	0.08	
	R9262	T-2	72.5	76.5	4.0	0.005	0.28	
	R9263	T-2	76.5	81.0	4.5	0.001	0.01	
	R9264	T-2	81.0	85.5	4.5	0.005	0.05	

DATE: Aug. 29, 1986 CERTIFICATE NO(S).: A8616681-001-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9265	T-3	0	10	10	0.002	0.01	
	R9266	T-3	10	20	10	0.001	0.02	
	R9267	T-3	20	23.3	3.3	0.001	0.05	
	R9268	T-3	23.3	27.3	4.0	0.005	0.17	
	R9269	T-3	27.3	29.5	2.2	0.007	0.07	
	R9270	T-3	29.5	34	4.5	0.002	0.04	
	R9271	T-3	34	44	10	0.003	0.11	
	R9272	T-3	44	54	10	0.006	0.17	

DATE: Aug 29 86

CERTIFICATE NO(S): A8616681 - 001 - A
A8616681 - 002 - A

PROJECT: F.V. (TAWA PROPERTY)

SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9273	T-4	0	10	10	0.001	0.01	
	R9274	T-4	10	20	10	0.002	0.03	
	R9275	T-4	20	22	2	0.002	0.03	
	R9276	T-4	22	24	2	0.154	3.85	
	R9277	T-4	24	28	4	0.007	0.11	
	R9278	T-4	28	34.5	5.5	0.009	0.08	
	R9279	T-4	34.5	38.5	4	0.102	0.44	
	R9280	T-4	38.5	41.6	3.1	0.008	0.27	
	R9281	T-4	41.6	43.0	1.4	0.162	0.91	
	R9282	T-4	43.0	53.0	10	0.018	0.31	
	R9283	T-4	53	63	10	0.008	0.19	
	R9284	T-4	63	70	7	0.003	0.03	

DATE: Sept. 5 86 CERTIFICATE NO(S): AB617021-001-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: ROCK

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9301	T-5	3+35S	3+30S	5.0	0.002	0.03	
	R9302		3+30S	3+25S	5.0	0.003	0.01	
	R9303		3+25S	3+20S	5.0	0.002	<0.01	
	R9304		3+20	3+16.5	3.5	0.012	0.15	
	R9305		3+16.5	3+10	6.5	0.004	0.03	
	R9306		3+10	3+05	5.0	0.030	1.24	
	R9307		3+05	3+00	5.0	0.034	0.36	
	R9308		3+00	2+95	5.0	0.009	0.13	
	R9309		2+95	2+90	5.0	0.002	0.01	
	R9310		2+90	2+85	5.0	0.001	0.01	
	R9311		2+85	2+80	5.0	0.058	0.16	
	R9312		2+80	2+70	10.0	0.005	0.06	
	R9313		2+70	2+65	5.0	0.017	0.12	
	R9314		2+65	2+60	5.0	0.020	0.15	
	R9315		2+60	2+52.5	7.5	0.062	0.26	
	R9316		2+52.5	2+48	4.5	0.017	0.05	
	R9317		2+48	2+45	3.0	<0.001	0.01	
	R9318		2+45	2+40	5.0	<0.001	0.02	
	R9319		2+40	2+35	5.0	<0.001	0.01	
	R9320		2+35	2+30	5.0	<0.001	<0.01	
	R9321		2+30	2+25	5.0	<0.001	0.02	
	R9322		2+25	2+20	5.0	0.003	0.01	
	R9292		2+20	2+15	5.0	0.001	<0.01	
	R9291		2+15	2+10	5.0	0.001	<0.01	
	R9290		2+10	2+05	5.0	0.001	0.01	
	R9289		2+05	2+00	5.0	0.001	0.01	
	R9288		2+00	1+95	5.0	0.001	0.01	
	R9287		1+95	1+90.5	4.5	0.002	0.01	
	R9286		1+90.5	1+85	5.5	0.004	0.05	
	R9285		1+85	1+80	5.0	0.007	0.07	
	P20451		1+80	1+75	5.0	0.005	0.17	
	P20452		1+75	1+71	4.0	0.009	0.11	
	P20453		1+71	167.5	3.5	0.015	0.52	
	P20454		167.5	160	2.5	0.002	0.04	
	P20455		160	155	5	0.008	0.20	
	P20456	T-5	155	150	5	0.010	0.08	

DATE: Sept 5 1986

CERTIFICATE NO(S): A8617021 - 001 - A
A8617021 - 002 - A

PROJECT: F. V. (TAWA PROPERTY)

SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	P20457	T-5	150 S	145 S	5	0.005	0.11	
	P20458		145 S	140 S	5	0.001	0.03	
	P20459		140 S	135 S	5	0.001	0.01	
	P20460		135	130	5	0.001	0.03	
	P20461		130	125	5	0.004	0.07	
	P20462	T-5	125	120	5	0.001	0.02	
	P20463	T-5	105	100	5	0.002	0.02	
	P20464		100	95	5	0.018	0.09	
	P20465		95	90	5	0.001	0.01	
	P20466		90	86	4	0.001	0.01	
	P20467	T-5	86	83	3	0.001	0.01	
	P20468	T-5	45	38	7	0.003	0.07	
	P20469		38	34	4	0.006	0.12	
	P20470		34	30	4	0.007	0.20	
	P20471		30	25	5	<0.001	0.02	
	P20472		25 S	20 S	5	0.013	0.19	
	P20473		20 S	15 S	5	0.004	0.08	
	P20474	T-5	15 S	10 S	5	0.013	0.15	
	P20475	T-5	5 N	15 N	10	0.006	0.07	
	P20476		15 N	25N	10	0.002	0.05	
	P20477		25N	35N	10	0.002	0.03	
	P20478		35	45	10	0.002	0.02	
	P20479		45	50	5	0.003	0.15	
	P20480		50	60	10	0.004	0.02	
	P20481	T-5	60	70	10	0.005	0.23	
	P20482	T-5	108	115	7	0.001	<0.01	
	P20483	T-5	115	121	6	0.008	0.50	
	P20484	T-5	138	143	5	0.032	0.44	
	P20485	T-5	158	163	5	0.002	0.02	
	P20486	T-5	163	168	5	0.001	0.01	

DATE: Sept. 14 1986 CERTIFICATE NO(S): A8617480-001-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: ROCK

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R8360	T-6	26	32	6	0.002	0.07	
	R8361	"	32	34	2	0.010	0.17	
	R8362	"	34	36.5	2.5	0.004	0.15	
	R8363	"	36.5	43	6.5	0.004	0.11	
	R8364	"	43	46	3.0	0.005	0.22	
	R8365	"	46	49.3	3.3	0.065	0.31	
	R8366	"	49.3	51	1.7	0.009	0.28	
	R8367	"	51	53.5	2.5	0.032	0.16	
	R8368	"	53.5	55	1.5	0.004	0.08	
	R8369	"	53.5	56.5	3	0.003	0.09	
	R8370	"	56.5	61.0	4.5	0.026	0.67	
	R8371	"	61	61.7	0.7	0.010	0.26	
	R8372	T-6	61.7	65.3	3.6	0.004	0.07	

DATE: Sept 14 1984 CERTIFICATE NO(S): A8617480-001-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						Au oz/ton	Ag oz/ton	
	R8373	T-7	106	108	2.0	0.002	0.03	
	R8374		108	110.5	2.5	0.154	7.07	
	R8376		108	110.5	2.5	0.100	4.32	
	R8377		110.5	113	2.5	0.004	0.35	
	R8378		113	116.5	3.5	0.002	0.12	
	R8379		116.5	119.5	3.0	0.014	1.53	
	R8380	T-7	119.5	124	4.5	0.001	0.10	

DATE: Oct 1, 1986 CERTIFICATE NO(S): A8618052 -001 - A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R8381	T-8	2.5	12.5	10	0.013	0.64	
	R8382	"	12.5	16.5	4	0.005	0.22	
	R8383	"	16.5	21.5	5	0.003	0.09	
	R8384	"	21.5	26.5	5	0.015	0.16	
	R8385	"	26.5	31.5	5	0.024	0.29	
	R8386	"	31.5	39	8.5	0.015	0.14	
	R8387	"	39	45	6	0.029	0.29	
	R8388	"	45	50	5	0.023	0.16	
	R8389	"	50	60	10	0.002	0.03	
	R8390	"	60	70	10	0.009	0.16	
	R8391	"	70	80	10	0.003	0.09	
	R8392	T-8	80	90	10	0.003	0.07	
	R8393	T-8	120	127	7	0.011	0.26	
	R8394	"	127	135	8	0.002	0.05	
	R8395	"	135	140	5	0.007	0.07	
	R8396	"	140	145	5	0.003	0.11	
	R8397	"	145	150	5	0.025	0.21	
	R8398	"	150	155	5	0.004	0.13	
	R8399	"	155	160	5	0.012	0.35	
	R8400	"	160	165	5	0.068	0.11	
	R8401	"	165	170	5	0.004	0.13	
	R8402	"	170	180	10	0.005	0.08	
	R8403	"	180	188	8	0.005	0.07	
	R8404	T-8	188	196	8	0.002	0.07	
	R8405	T-8	204	214	10	0.003	0.03	
	R8406	"	214	224	10	0.003	0.02	
	R8407	"	224	234	10	0.002	0.05	
	R8408	"	234	244	10	0.002	0.01	
	R8409	"	244	254	10	0.002	0.01	
	R8410	"	254	264	10	0.001	0.01	
	R8411	"	264	270	6	<0.001	0.02	
	R8412	"	270	275	5	0.002	0.05	
	R8413	"	275	280	5	<0.001	0.01	
	R8414	T-8	280	285	5	0.002	0.11	

DATE: Sept. 23 1986

CERTIFICATE NO(S): A8618052-001-A
A8617854-001-A

PROJECT: F.V. (TAWA PROPERTY)

SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R8415	T-8	285	290	5	0.003	0.09	
	R8416		290	295	5	<0.001	0.03	
	R8417		295	300	5	0.001	0.02	
	R8418		300	305	5	0.004	0.11	
	R8419		305	310	5	0.002	0.09	
	R8420		310	315	5	0.002	0.10	
	R8421		315	320	5	0.002	0.04	
	R8422		320	325	5	0.005	0.32	
	R8423		325	330	5	0.002	0.06	
	R8424		330	335	5	0.002	0.01	
	R8425		335	340	5	0.035	3.30	
	R8426		340	345	5	0.001	0.07	
	R8427		345	350	5	0.015	0.36	
	R8429		350	360	10	0.009	0.09	
	R8430		360	370	10	0.003	0.02	
	R8431		370	380	10	<0.001	0.03	
	R8432		380	390	10	0.008	0.11	
	R8433		390	400	10	0.001	0.02	
	R8434		400	410	10	<0.001	0.01	
	R8435		410	420	10	0.001	0.01	
	R8436		420	430	10	<0.001	<0.01	
	R8437		430	440	10	0.011	0.12	
	R8438		440	448.5	8.5	0.001	0.07	
	R8439		448.5	455	6.5	0.013	0.16	
	R8440	T-8	455	461	6.0	0.008	0.16	

DATE: Oct 1 1986 CERTIFICATE NO(S): A8618052-002-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9326	T-9	170 s	178s	8	0.002	<0.01	
	R9325	|	160 s	170s	10	0.004	0.02	
	R8449	|	150	160s	10	0.003	0.04	
	R8450	|	140 s	150 s	10	0.005	0.06	
	R9323	|	133 s	140 s	7	0.007	0.09	
	R9324	|	123 s	133s	10	0.007	0.05	
	R8442	|	118 s	123 s	5	0.004	0.01	
	R8443	|	110 s	118 s	8	0.004	<0.01	
	R8444	|	106 s	110 s	4	0.006	0.01	
	R8445	T-9	102 s	106 s	4	0.005	0.03	
	R8446	T-9	80s	87s	7	0.004	0.03	
	R8447	|	70 s	80 s	10	0.005	0.05	
	R8448	|	60 s	70 s	10	0.002	0.02	
	R9327	|	50 s	60 s	10	0.003	0.01	
	R9328	T-9	40 s	50 s	10	0.003	0.01	
	R9329	T-9	5 s	15 s	10	0.013	0.05	
	R9330	T-9	0 N	10 N	10	0.003	0.02	
	R9331	T-9	31.5N	37.5N	6	0.005	0.03	
	R9332	|	37.5N	44 N	6.5	0.028	0.05	
	R9333	|	44	54	10	0.004	0.06	
	R9334	|	54	64	10	0.014	0.05	
	R9335	|	64	70	6	0.011	0.01	
	R9336	|	70	75.5	5.5	0.006	0.04	
	R9337	|	75.5	79	3.5	0.005	0.16	
	R9338	|	79	88	9	0.002	0.05	
	R9339	|	88	96	8	0.020	0.03	
	R9340	|	96	105	9	0.004	0.03	
	R9341	|	105	115	10	0.006	0.05	
	R9342	|	115	125	10	0.006	0.09	
	R9343	|	125	135	10	0.002	0.01	
	R9344	|	135	143	8	0.003	0.07	
	R9345	T-9	143	153	10	0.002	0.01	

DATE: Oct. 1 1986 CERTIFICATE NO(S): A8618052-002-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: Rock

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						$Au_{oz/ton}$	$Ag_{oz/ton}$	
	R9346	T-9	153.0	155.5	2.5	0.001	0.05	
	R9347	"	155.5	160	4.5	0.002	0.07	
	R9348	"	160	167.5	7.5	0.001	0.03	
	R9349	T-9	167.5	173	5.5	0.005	0.06	

DATE: Oct 1, 1986 CERTIFICATE NO(S): A8618052-002-A

PROJECT: F.V. (TAWA PROPERTY) SAMPLE TYPE: ROCK

PACKAGE NO.	SAMPLE NO.	LOCATION (Trench)	FROM (m)	TO (m)	INTERVAL (m)	ASSAYS		
						Au oz/ton	Ag oz/ton	
	P20487	T-10	52	55	3	0.005	0.03	
	P20488	T-10	60	63	3	0.006	0.15	
	P20489	T-10	135	140	5	0.011	0.20	

091889

TABLE 1
ASSESSMENT CALCULATIONS
BULLDOZER & BACKHOE TRENCHING
TAWA CLAIMS
KLAZA RIVER - SOMMIT CREEK AREA
NTS 115I/3

CLAIM LOCATION	TRENCH NUMBER	METRES BACKHOE BEDROCK	METRES BACKHOE OVERBURDEN	METRES BULLDOZER OVERBURDEN	$ CREDIT
TAWA 1	T9	212	-	-	1219.00
2	T9	155	300	-	2616.25
	T10	105	55	-	920.00
3	T5	370	-	-	2127.50
4	T5	170			977.50
	T8	195	-	-	1121.25
	S3	-	-	277	1135.70
5	T4	75	-	-	431.25
	T1	03	-	-	17.25
	T2	70	-	-	402.50
	T3	55	-	-	316.25
	T6	120	-	275	1817.50
6	T1	34		-	195.50
	T2	30			172.50
	T3	05		-	28.75
7	T7	81		45	650.25
8	T7	85	-	-	488.75
11	S1	-	-	150	615.00
12	S1	-		140	574.00
15	T8	130	-	30	870.50
	T9	-	-	131	537.10
16	T8	-	-	237	971.70
	T9	-	-	126	516.60
	T8	15	-	-	86.25
17	S3	-	-	110	451.00
18	S3	-	-	315	1291.50
21	S2	-	-	115	471.50
25F	T10	-	175	-	1006.25
	T8	140	-	-	805.00
30	S2	-	-	115	471.50
	TOTAL	2050	530	2066	$22305.30

EXPENDITURES. - IBEX CONTRACTING - BULLDOZER $8,475/2066 = $4.10/METRE

BACKHOE (EXCAVATOR) = $14,859.50/2580 = $5.75/METRE