

ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016-510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8

(604) 688-2568

0123-75360
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c.2

TAWA PROPERTY
1988 FINAL REPORT

November, 1988

M.J. Walls, B.Sc.

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

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
PROPERTY, LOCATION AND ACCESS	3
HISTORY	4
PHYSIOGRAPHY AND GEOMORPHOLOGY	5
GEOLOGY	6
MINERALIZATION	7
TRENCHING	8
DIAMOND DRILLING	10
CONCLUSIONS	11

TABLES

1	1988 Trench Results, Tawa Property	Following Page 8
2	1988 Diamond Drill Results, Tawa Property	Following Page 10

APPENDICES

I	AUTHORS' STATEMENTS OF QUALIFICATIONS
II	LIST OF PERSONNEL
III	ASSAY CERTIFICATES
IV	DRILL LOGS

FIGURES

LOCATION

1	Location Map	Following Page 3
2	Claim Data	In Pocket
3	Compilation Map	In Pocket
4	Section DDH 80-6, 88-1 and 88-2	In Pocket
5	Section DDH 88-3	In Pocket
6	Section DDH 88-4	In Pocket
7	Section DDH 88-5	In Pocket
8	Section DDH 88-6	In Pocket

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. The claims cover gold- and silver-bearing veins similar to those on the nearby Mt. Nansen property which Chevron has held under option from B.Y.G. Natural Resources Inc. since 1985.

Geological mapping, prospecting, grid soil geochemistry and EM-16 surveys conducted in June, 1986 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 several geochemical and geophysical anomalies on the core property were examined by bulldozer and excavator trenching. The best vein exposed assayed 0.102 oz/ton Au and 0.44 oz/ton Ag over 4 m and was located in a trench cut directly over a 1980 diamond drill intersection that averaged 0.183 oz/ton Au and 0.44 oz/ton Ag over 8.9 m (approximate true width 8.0 m). This and most other high assays came from a northwest-trending steeply south-dipping vein system (BRX Zone). Significant values (up to 0.062 oz/ton Au over 7.5 m) were also obtained about 200 m to the south from a weakly clay altered porphyry dyke trending subparallel to the veins.

In 1987, exploration continued with the staking of sixteen additional Tawa claims, plus claim surveys, pre-stripping of proposed trench sites, excavator trenching and road construction. The work extended the strike length of the BRX Zone and located a second parallel vein system called the Klaza Zone, some 1,000 m to the northeast. The best assays came from the only trench completed on the Klaza Zone, which returned 0.123 oz/ton Au and 1.38 oz/ton Ag over 8.0 m.

In June, 1988, Chevron Minerals Ltd. entered into an option agreement with B.Y.G. Natural Resources Inc. which allowed the latter to earn an interest in the Tawa property by funding the next phase of exploration.

The 1988 exploration program was funded by B.Y.G. and consisted of continued road construction, pre-stripping of trench sites and excavator trenching, plus 377 m of diamond drilling in six holes. All of the drilling was done on the BRX Zone, while the trenching was almost equally split between the BRX and Klaza Zones. The work was supervised by M. Walls under the direction of D. Eaton. Appendix I contains the Author's Statement of Qualifications and Appendix II lists personnel who worked on the program.

PROPERTY, LOCATION AND ACCESS

The Tawa property is located 50 km west of Carmacks on NTS map sheet 115I/3 at latitude 62°07'N and longitude 137°15'W, as shown on Figure 1 on the following page. It consists of 71 full and 2 fractional claims as illustrated on Figure 2 in the pocket. During 1986, surveys established that the Tawa 13 and 14 claims optioned by Chevron did not exist on the ground and they were allowed to expire. The claims are registered with the Whitehorse Mining Recorder as follows:

<u>CLAIM NAME</u>	<u>GRANT NUMBERS</u>	<u>EXPIRY DATE*</u>
Tawa 1-12	YA75263-YA75274	January 3, 1994
Tawa 15-24	YA75277-YA75286	January 3, 1994
Tawa 25F-26F	YA95051-YA95052	January 3, 1995
Tawa 27-34	YA95151-YA95158	January 3, 1995
Tawa 47-63	YA95163-YA95179	January 3, 1995
Tawa 64-71	YA95301-YA95308	January 3, 1995
Tawa 72-79	YB06963-YB06970	January 3, 1993
Tawa 83-90	YB06971-YB06978	January 3, 1993

*Expiry dates shown above do not include assessment credits for work performed in 1988.

Two-wheel drive 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. During 1987, a 1.7 km four-wheel drive road was constructed from the Nansen Road to the centre of the property. This road was upgraded and extended in 1988.

Figure 1

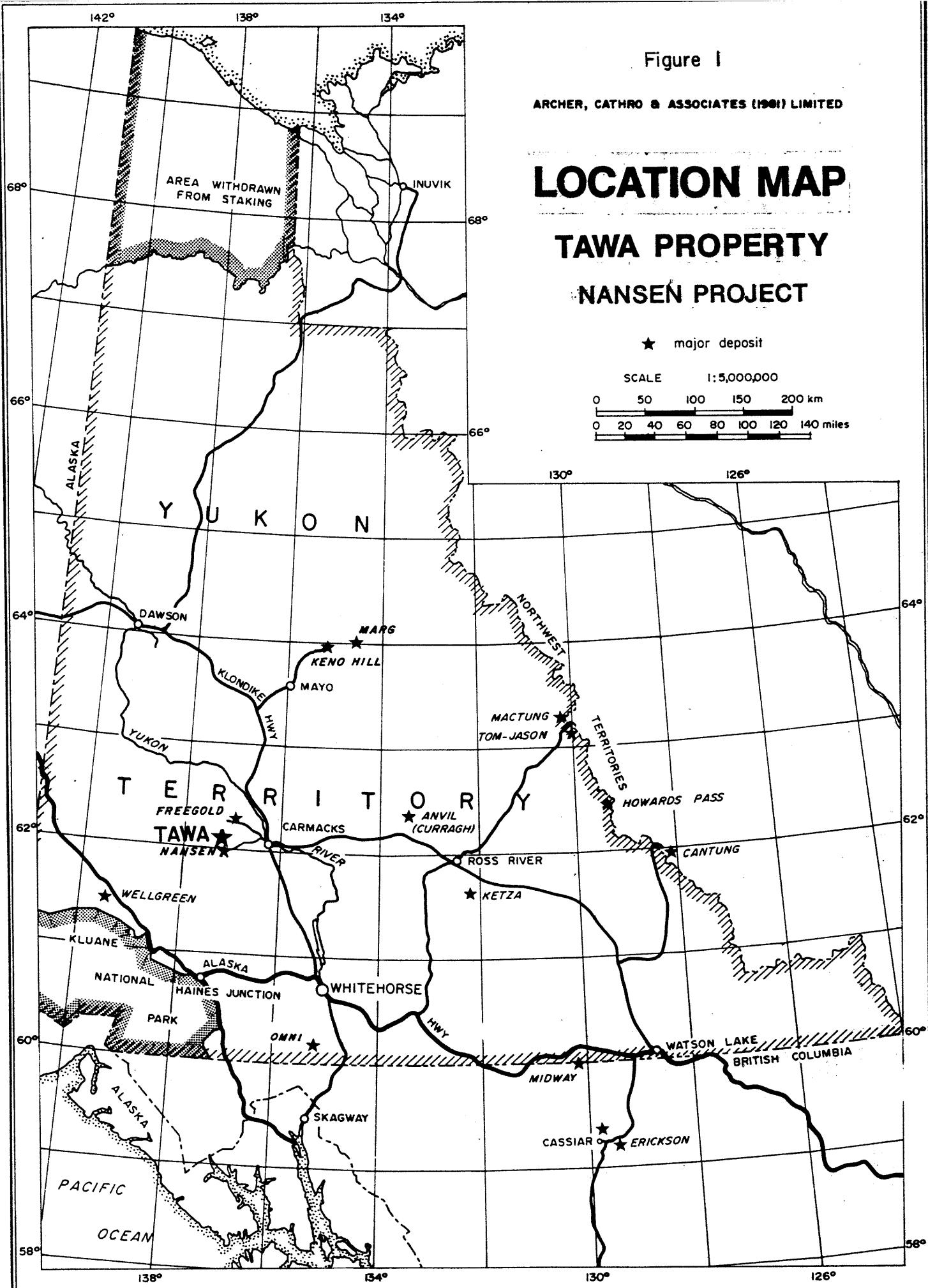
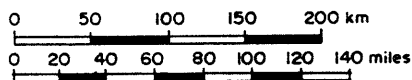
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LOCATION MAP

TAWA PROPERTY NANSEN PROJECT

★ major deposit

SCALE 1:5,000,000



HISTORY

The first report of lode mineralization on what is now the Tawa property was in 1937 when Karl Paulson, a placer miner, was rumoured 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 Esensee Explorations Ltd. built a 14 km tote road from the Mt. Nansen millsite to the edge of the property and conducted geological mapping, geochemical and geophysical surveys and bulldozer trenching.

No further work was done until 1980 when 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. BRX later changed its name to Consolidated BRX Mining and Petroleum Corporation.

PHYSIOGRAPHY AND GEOMORPHOLOGY

The property covers a broad rounded ridge that lies on the eastern flank of Mt. Nansen between Nansen Creek and the Klaza River. Local elevations range from 1200 to 1500 m above sea level. The area escaped Pleistocene continental glaciation; thus, 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 weathered bedrock. Outcrops are rare and exposed talus is restricted to a few patches on 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 lower slopes to lichen and grass near the ridge top.

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 gneiss 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. 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 on the periphery of the property 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. Northeasterly faults usually form prominent topographic linears but appear to be unmineralized cross faults. These structures commonly produce 5 to 50 m dextral 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 pitted, light green quartz bands up to 3 m in width. In some areas, up to 30 cm wide lenses of relatively massive pyrite, arsenopyrite, galena and/or sphalerite 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 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 had poor recovery and some were drilled subparallel to the veins never getting out of the footwall rocks. Three specimens of nearly massive galena (one collected by previous operators and the others by Freegold Venture) returned 50 to 55% Pb with 0.048 to 1.702 oz/ton Au and 70.10 to 145.42 oz/ton Ag. Drilling by previous operators indicated that weak to moderate oxidation is present to a depth of about 20 m in mineralized structures.

TRENCHING

General

Trenching was done under contract by Ibox Contracting Limited of Whitehorse using a ripper-equipped Caterpillar D7G bulldozer to strip soil from proposed trench sites and a Caterpillar 225 excavator to finish them. Eighteen trenches totalling 6471 m were pre-stripped, of which ten totalling 1924 m were excavated, as shown on Figure 3 in the pocket. Frozen ground and slumping, which occurred when the frost thawed, limited the speed of trenching and, in some instances, severely hindered mapping and sampling. Continuous 7 kg chip samples were normally collected over 1 to 5 m intervals from the trench ribs across all mineralized or strongly altered exposures. A total of 247 chip samples were sent to Chemex Labs in North Vancouver where they were fire assayed for gold and silver.

Results

Significant assays are listed on Table 1 on the following page and shown with geology, gold geochemistry and EM-16 conductors on Figure 3. Results from 1988 better defined the veins in the BRX and Klaza Zones and located a third vein system (BYG Zone) approximately halfway between them.

Excavator trenches on the BRX Zone have exposed the veins at approximately 75 m centres over a 750 m strike length, while bulldozer trenching has stripped soil from four proposed trenches that could extend the zone 1000 m to the northwest. The work has shown that the veins exhibit numerous splays and that mineralization and alteration are most intense at or near vein junctions. The best assay obtained in 1988 (0.474 oz/ton Au and 37.60 oz/ton Ag over 1.7 m) came from Trench T-22, which is located near

TABLE 1: 1988 TRENCH RESULTS, TAWA PROPERTY

<u>Trench No.</u>	<u>Zone</u>	<u>From (m)</u>	<u>To (m)</u>	<u>Intersected Width (m)</u>	<u>Au oz/ton</u>	<u>Ag oz/ton</u>
T-3X	BRX	166.5	167.5	1.0	0.133	1.98
T-6X	BRX	162.4	164.2	1.8	0.166	2.83
		167.7	169.2	1.5	0.036	0.79
		177.4	179.6	2.2	0.025	0.48
		184.5	186.6	2.1	0.020	0.16
T-16X	BRX	121.7	122.3	0.6	0.253	0.54
T-17X	BRX	46.3	49.0	2.7	0.238	5.13
		101.5	102.0	0.5	0.108	0.89
T-19	BRX	65.8	69.3	3.5	0.026	1.15
T-21	BRX	12.2	13.5	1.3	0.105	2.77
		58.8	59.7	0.9	0.097	3.47
		61.5	62.5	1.0	0.028	4.26
		75.2	76.2	1.0	0.024	0.07
		84.4	85.0	0.6	0.022	0.06
		197.5	199.3	1.8	0.031	0.10
		227.0	229.0	2.0	0.033	1.04
T-22	BRX	79.2	80.9	1.7	0.474	37.60
T-23	Klaza	12.7	14.2	1.5	0.074	0.28
		127.0	128.3	1.3	0.132	0.70
		147.0	148.1	1.1	0.068	15.20
		181.6	182.4	0.8	0.030	2.45
		187.8	188.9	1.1	1.256	2.97
		200.0	201.0	1.0	0.327	13.30
		226.6	227.6	1.0	0.081	7.29
		238.0	240.7	2.7	0.069	0.10
T-24	Klaza	67.0	70.7	3.7	0.060	0.71
		106.0	106.8	0.8	0.024	6.42
T-25	BYG	5.0	6.0	1.0	0.118	0.61
		45.8	47.0	1.2	0.161	1.34
		78.5	81.8	3.3	0.176	0.70

the northwest end of the trenched area. Almost every trench on the BRX Zone has produced at least one assay better than 0.10 oz/ton Au over 1 m.

Most of the work in the Klaza Zone consisted of bulldozer stripping of proposed trench sites and only one and one-half new trenches were actually completed to bedrock. Proposed trenches have been stripped at 100 to 200 m centres for a total length of 1500 m along the projections of the zone. The completed trench (T-23) is located 90 m southeast of the discovery trench (T-11). It cut a number of veins and shears that are separated by several metres of barren wallrock. The best vein returned 1.256 oz/ton Au and 2.97 oz/ton Ag across 1.1 m, while another assayed 0.327 oz/ton Au and 13.30 oz/ton Ag across 1.0 m. The partially completed trench lies 100 m northwest of the discovery trench and intersected two mineralized structures, the better of which returned 0.060 oz/ton Au and 0.71 oz/ton Ag over 3.7 m.

Only one 1988 trench (T-25) was completed on the BYG Zone and it cut three veins about 40 m apart, one of which assayed 0.176 oz/ton Au and 0.70 oz/ton Ag over 3.3 m. A mineralized structure exposed in 1986 Trench T-8, 200 m to the southeast, is probably part of the BYG Zone. This vein returned 0.068 oz/ton Au and 0.11 oz/ton Ag over 5.0 m.

Comparison of trench assays to soil geochemical and geophysical results shows that the BRX Zone is marked by strong geochemical anomalies with coincident VLF-EM conductors while the Klaza Zone is best defined by geochemistry and the BYG Zone by VLF-EM conductors.

DIAMOND DRILLING

The drilling was done with a unitized and wireline equipped Longyear 38 diamond drill contracted from E. Caron Diamond Drilling Limited of Whitehorse. The Ibex Contracting bulldozer was used for drill moves. Core recovery was generally good except in near surface vein zones where it averaged about 60%. Mud was used in all holes and no calcium chloride was required. A good source of water was available on the property but it was a considerable distance from the drill targets and the waterlines were up to 2000 m long.

Drill hole locations are shown on Figure 3 while significant intersections are summarized on Table 2 on the following page. Drill sections are illustrated on Figures 4 to 8 in the pocket and assay certificates and drill logs are in Appendices III and IV, respectively. Although numerous narrow veins were intersected, they generally returned low values. The best assay (0.176 oz/ton Au and 3.79 oz/ton Ag over 1.36 m) came from Hole 88-6 which tested 32 m directly downdip from the vein in Trench T-22 that returned 0.474 oz/ton Au and 37.60 oz/ton Ag over 1.7 m. The most disappointing results came from Holes 88-1 and 88-2 which were drilled beneath the 1988 BRX hole (80-6) that assayed 0.183 oz/ton Au and 0.44 oz/ton Ag over 8.9 m. These holes, plus holes 88-3 and 88-4 which were drilled 55 m to the southeast and 140 m to the northwest, respectively, produced only narrow intersections, the best of which was 0.159 oz/ton Au and 1.28 oz/ton Ag over 0.72 m.

Wallrock alteration is much less intense in the drill holes than was observed in the trenches, suggesting that much of the clay gouge in the trenches is supergene in origin. Wallrock for most veins is either fresh or exhibited weak to moderate montmorillonite alteration. Oxidation is weak to non-existent in most holes.

TABLE 2: 1988 DIAMOND DRILL RESULTS, TAWA PROPERTY

<u>Hole No.</u>	<u>Zone</u>	<u>From (m)</u>	<u>To (m)</u>	<u>Intersected Width (m)</u>	<u>Au oz/ton</u>	<u>Ag oz/ton</u>
88-1	BRX	13.30	14.02	0.72	0.159	1.28
		28.35	28.95	0.60	0.150	6.71
		35.08	36.88	1.80	0.031	0.57
88-2	BRX	47.30	49.02	1.72	0.031	0.26
		60.96	62.48	1.52	0.038	0.35
		68.88	70.41	1.53	0.031	0.35
		78.20	79.05	0.85	0.091	0.36
88-3	BRX	30.18	30.33	0.15	0.078	2.17
		39.92	41.45	1.53	0.022	0.04
88-4	BRX	50.29	51.05	0.76	0.028	1.06
		55.90	56.90	1.00	0.047	7.58
		60.96	62.48	1.52	0.021	0.95
88-5	BRX	31.50	32.05	0.55	0.118	11.70
		37.96	40.15	2.19	0.030	1.30
		49.07	51.04	1.97	0.031	0.29
88-6	BRX	35.14	35.69	0.55	0.040	3.30
		36.88	37.27	0.39	0.474	1.43
		41.61	42.97	1.36	0.176	3.79

CONCLUSIONS

The 1988 exploration programs produced mixed results. On the positive side, excavator trenching has demonstrated 750 m of mineralized strike length continuity on the BRX Zone and returned several high assays from the poorly exposed Klaza and BYG Zones, which have not yet been tested by drilling. On the other hand, drilling on the BRX Zone intersected only weakly mineralized structures beneath some of the most promising trenches, suggesting that the mineralization is erratically distributed. Most veins in all three zones are narrow (less than 2 m), separated by several metres of barren wallrock and weakly oxidized. Therefore, potential for open pit mining is limited and the ores would likely require milling with flotation to produce a sulphide concentrate or pre-oxidation followed by cyanidization. Fortunately, the veins are not severely disturbed by cross faults, exhibit steep dips, have relatively competent wallrocks and are often high grade, all of which are favourable for underground mining. Future programs should attempt to define high grade ore shoots that could be mined from small open pits or underground workings and trucked to the Mt. Nansen mill, assuming that it is reactivated and equipped to treat sulphide ores.

The next stage of exploration should consist of additional bulldozer and excavator trenching along strike from the known zones, coupled with a few diamond drill holes to test downdip continuity on the Klaza and BYG Zones.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED


M. J. Walls, B.Sc.


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

APPENDIX I

AUTHORS' STATEMENTS 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 present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, I 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.

STATEMENT OF QUALIFICATIONS

I, Michael J. Walls, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia, and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1985 with a B.Sc. majoring in Geological Sciences.
2. From 1985 to present, I have been actively engaged as a geologist in mineral exploration in Yukon Territory and am presently employed with 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.



Michael J. Walls, B.Sc.

APPENDIX II
LIST OF PERSONNEL

LIST OF PERSONNEL

<u>NAME</u>	<u>POSITION</u>
Doug Eaton	Geologist
Mike Walls	Geologist
Jack Dennett	Geologist
Maggie Dittrick	Geologist
Diane Lister	Fieldperson
Dave Parry	Fieldperson
Rob Hancox	Fieldperson
Lesley Leroux	Surveyor
Bill Wengzynowski	Fieldperson
Gord Cockell	Fieldperson
Glen Emery	Fieldperson
Lori Eaton	Fieldperson
Keith Richmond	Fieldperson

APPENDIX III
ASSAY CERTIFICATES



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

T. R. CHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

Project : TAWA
Comments :

Page No.
Tot. Pages
Date : 14-AUG-88
Invoice # : I-8820338
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820338

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T								
T-0501	208 ---	0.003	0.20	.026/1.15 3.5m.							
T-0502	208 ---	0.026	1.15								
T-0503	208 ---	0.008	0.19								
T-0504	208 ---	0.002	0.06								
T-0505	208 ---	0.006	0.19								
T-0506	208 ---	0.005	0.10								
T-0507	208 ---	0.002	0.15								
T-0508	208 ---	0.007	0.41								
T-0509	208 ---	0.001	0.07								
T-0510	208 ---	0.002	0.15								
T-0511	208 ---	0.003	0.36								
T-0512	208 ---	0.001	0.15								
T-0513	208 ---	0.001	0.10								

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

ARCHER CATIRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

Project : TAWA

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P.O. # : NONE

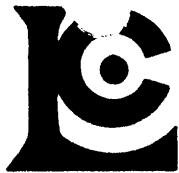
CERTIFICATE OF ANALYSIS A8820966

SAMPLE DESCRIPTION	PREP CODE		Au	Ag							
			oz/T	oz/T							
T-514	208	---	0.003	0.09							
T-515	208	---	0.001	0.03							
T-516	208	---	0.001	0.03							
T-517	208	---	0.006	0.13							
T-518	208	---	0.002	0.15							
T-519	208	---	0.004	0.04							
T-520	208	---	0.004	0.04							
T-521	208	---	0.004	0.04							
T-522	208	---	0.006	0.38							
T-523	208	---	0.005	0.16							
T-524	208	---	0.007	0.16	✓						
T-525	208	---	0.002	0.06							
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T-540	208	---	0.003	0.02							
T-541	208	---	0.007	0.47							
T-542	208	---	0.005	0.07							
T-543	208	---	0.003	0.07							
T-544	208	---	0.005	0.51							
T-545	208	---	0.019	0.08							
T-546	208	---	0.003	0.05							
T-547	208	---	0.097	3.47							
T-548	208	---	0.007	0.27							
T-549	208	---	0.028	4.26							
T-550	208	---	0.015	0.25							
T-1602	208	---	0.007	0.09							
T-1603	208	---	0.010	0.02							
T-1604	208	---	0.011	0.02							

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

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Invoice # : I-8820966
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820966

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
T-1605	208 ---	0.008	0.04								
T-1606	208 ---	0.005	0.01								
T-1607	208 ---	0.024	0.07								
T-1608	208 ---	0.006	0.03								

88-21

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Y1A 3S9

Project : TAWA

Comments:

Page N 1
Tot. Pages: 2
Date : 25-AUG-88
Invoice # : I-8821176
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8821176

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
T-1609	208 ---	0.022	0.06								
T-1610	208 ---	0.017	0.03								
T-1611	208 ---	0.007	0.08								
T-1612	208 ---	0.007	0.06								
T-1613	208 ---	0.003	0.06								
T-1614	208 ---	0.031	0.10								
T-1615	208 ---	0.004	0.04								
T-1616	208 ---	0.010	0.09								
T-1617	208 ---	0.003	0.04								
T-1618	208 ---	0.016	0.12								
T-1619	208 ---	0.033	1.04								
T-1620	208 ---	0.005	0.08								
T-1621	208 ---	0.008	0.05								
T-1622	208 ---	0.002	0.04								
T-1623	208 ---	0.009	0.45								
T-1624	208 ---	0.004	0.34								
T-1625	208 ---	0.105	2.77								
T-1626	208 ---	0.004	0.15								
T-1627	208 ---	0.001	0.02								
T-1628	208 ---	0.002	0.29								
T-1629	208 ---	< 0.001	0.01								
T-1630	208 ---	0.001	0.11								
T-1631	208 ---	0.474	37.6								
T-1632	208 ---	0.016	1.21								
T-1633	208 ---	0.003	0.19								
T-1634	208 ---	0.002	0.13								
T-1635	208 ---	0.193	7.07								
T-1636	208 ---	0.005	0.12								
T-1637	208 ---	0.004	0.07								
T-1638	208 ---	0.004	0.07								
T-1639	208 ---	0.008	0.21								
T-1640	208 ---	0.003	0.07								
T-1641	208 ---	0.001	0.02								
T-1642	208 ---	0.002	0.05								
T-1643	208 ---	0.166	2.83								
T-1644	208 ---	0.017	1.78								
T-1645	208 ---	0.014	0.42								
T-1646	208 ---	0.036	0.79								
T-1647	208 ---	0.006	0.12								
T-1648	208 ---	0.006	0.29								

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Project: TAWA

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Page No. : 1
Tot. Pages: 1
Date : 29-AUG-81
Invoice # : I-8821497
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8821497

SAMPLE DESCRIPTION	PREP CODE		Au	Ag FA
			oz/T	oz/T
T-1652	208	---	0.008	0.10
T-1653	208	---	0.001	0.03
T-1654	208	---	0.004	0.10
T-1655	208	---	0.007	0.28
T-1656	208	---	0.001	0.01
T-1657	208	---	< 0.001	< 0.01
T-1658	208	---	0.253	0.54
T-1659	208	---	0.001	< 0.01
T-1660	208	---	0.008	0.07
T-1661	208	---	0.004	0.06
T-1662	208	---	0.012	0.32
T-1663	208	---	0.003	0.22
T-1664	208	---	0.015	0.50
T-1665	208	---	0.006	0.17
T-1666	208	---	0.012	0.13
T-1667	208	---	0.006	0.04
T-1668	208	---	0.004	0.03
T-1669	208	---	0.006	0.03
T-1670	208	---	0.004	0.03
T-1671	208	---	0.011	0.22
T-1672	208	---	0.002	0.04
T-1673	208	---	0.005	0.02
T-1674	208	---	0.009	0.26
T-1675	208	---	0.004	0.09
T-1676	208	---	0.003	0.02
T-1677	208	---	0.001	0.03
T-1678	208	---	0.074	0.28
T-1679	208	---	0.045	0.17

1. 88-16x
722-104
T-23-23



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Page : 1
Tot. : 1
Date : 1-SEP-88
Invoice # : I-8821819
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8821819

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
T-1680	208 ---	0.056	0.13								
T-1681	208 ---	0.016	0.13								
T-1682	208 ---	0.001	< 0.01								
T-1683	208 ---	0.001	< 0.01								
T-1684	208 ---	0.007	0.19								
T-1685	208 ---	0.006	0.60								
T-1686	208 ---	0.003	0.10								
T-1687	208 ---	0.006	0.29								
T-1688	208 ---	0.066	0.08								
T-1689	208 ---	0.012	< 0.01								
T-1690	208 ---	0.002	0.02								
T-1701	208 ---	0.003	0.02								
T-1702	208 ---	0.003	0.09								
T-1703	208 ---	0.003	0.01								
T-1704	208 ---	0.003	0.09								
T-1705	208 ---	0.016	0.16								
T-1706	208 ---	0.012	0.23								
T-1707	208 ---	0.013	0.22								
T-1708	208 ---	0.020	0.16								
T-1709	208 ---	0.006	0.15								
T-1710	208 ---	0.004	0.17								

Handwritten notes: "208" and "B-1710" with arrows pointing to specific rows in the table.

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Page No. : 1
Tot. Pages: 2
Date : 4-SEP-88
Invoice # : (-882213)
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822132

SAMPLE DESCRIPTION	PREP CODE	Au	Ag
		oz/T	oz/T
T-1691	208 --	0.019	0.07
T-1692	208 --	0.002	0.01
T-1693	208 --	0.002	0.03
T-1694	208 --	0.132	0.70
T-1695	208 --	0.008	0.10
T-1696	208 --	0.039	6.85
T-1697	208 --	0.002	0.04
T-1698	208 --	0.001	0.04
T-1699	208 --	0.002	0.04
T-1700	208 --	0.004	0.08
T-1711	208 --	0.001	0.01
T-1712	208 --	0.001	0.03
T-1713	208 --	0.001	0.19
T-1714	208 --	0.068	15.20
T-1715	208 --	0.001	0.06
T-1716	208 --	0.001	0.02
T-1717	208 --	0.002	0.15
T-1718	208 --	0.002	0.07
T-1719	208 --	0.001	0.03
T-1720	208 --	0.002	0.44
T-1721	208 --	0.003	0.17
T-1722	208 --	0.004	0.03
T-1723	208 --	0.030	2.45
T-1724	208 --	0.009	0.16
T-1725	208 --	0.014	3.15
T-1726	208 --	0.003	0.13
T-1727	208 --	1.256	2.97
T-1728	208 --	0.003	0.09
T-1729	208 --	0.006	2.86
T-1730	208 --	0.001	0.13
T-1731	208 --	0.041	1.04
T-1732	208 --	0.004	0.09
T-1733	208 --	0.327	13.30
T-1734	208 --	0.005	0.19
T-1735	208 --	0.002	0.15
T-1736	208 --	0.008	0.29
T-1737	208 --	0.081	7.29
T-1738	208 --	0.002	0.28
T-1739	208 --	0.003	0.23
T-1740	208 --	0.002	0.03

R-88-23

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Tot. Pa : 2
Date : 6-SEP-88
Invoice # : I-8822132
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822132

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
T-1741	208 ---	0.069	0.10								
T-1742	208 ---	0.003	0.04								
T-1743	208 ---	0.001	0.18								
T-1744	208 ---	0.001	12.40								
T-1745	208 ---	0.652	0.62								

R 95
L 23

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Page No :
Tot. Pages: 1
Date : 27-SEP-88
Invoice # : I-8823481
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8823481

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
280 T 0327	208 ---	0.006	0.28								
T 0328	208 ---	0.007	0.22								
T 0329	208 ---	0.133	1.98								
3X T 0330	208 ---	< 0.001	0.01								
T 0331	208 ---	0.001	0.01								
T 0332	208 ---	0.013	0.17								
T 0333	208 ---	< 0.001	0.03								
T 0334	208 ---	< 0.001	< 0.01								
T 0335	208 ---	0.003	0.06								
T 0336	208 ---	0.016	0.25								

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Page No : 1
Tot. Pages : 1
Date : 29-SEP-88
Invoice # : I-8824025
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824025

SAMPLE DESCRIPTION	PREP CODE		Au	Ag								
			oz/T	oz/T								
T-0337	208	---	0.003	0.14								
T-0338	208	---	0.002	0.07								
T-0339	208	---	0.055	1.49								
T-0340	208	---	0.003	0.17								
T-0341	208	---	0.003	0.17								
T-0396	208	---	0.005	0.23								
T-0397	208	---	0.010	0.60								
T-0398	208	---	0.004	0.29								
T-0399	208	---	0.003	0.10								
T-0400	208	---	0.002	0.09								
T-1748	208	---	0.004	0.17								
T-1749	208	---	0.002	0.14								
T-1750	208	---	0.003	0.13								
T-1751	208	---	0.003	0.29								
T-1752	208	---	0.238	5.13								
T-1753	208	---	0.058	2.77								
T-1754	208	---	0.014	0.91								
T-1755	208	---	0.008	0.28								
T-1756	208	---	0.002	0.12								
T-1757	208	---	0.108	0.89								
T-1758	208	---	0.001	0.03								
T-1759	208	---	0.002	0.07								
T-1760	208	---	0.118	0.61								
T-1761	208	---	0.002	0.03								
T-1762	208	---	0.020	0.35								
T-1763	208	---	0.161	1.34								
T-1764	208	---	0.006	0.73								
T-1765	208	---	0.001	<< 0.01								
T-5983	208	---	0.002	<< 0.01								
T-5984	208	---	0.176	0.70								
T-5985	208	---	0.014	0.03								
T-5986	208	---	0.007	0.08								
T-5987	208	---	0.011	0.07								
T-5988	208	---	0.003	0.02								

88-17X

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Tot. Pages: 1
Date : 3-OCT-88
Invoice # : I-8824276
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824276

SAMPLE DESCRIPTION	PREP CODE		Au	Ag							
			oz/T	oz/T							
T-5999	208	--	0.001	< 0.01							
T-6000	208	--	0.001	0.04							
T-6013	208	--	0.001	0.08							
T-6014	208	--	0.007	0.05							
T-6015	208	--	0.001	0.01							
T-6016	208	--	0.060	0.71							
T-6017	208	--	0.004	0.04							
T-6018	208	--	0.024	6.42							
T-6019	208	--	0.003	0.38							

88-24

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Page 1 of 1
Tot. Pages: 3
Date : 14-OCT-88
Invoice # : I-8824681
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824681

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
T6201	208 ---	0.013	0.17								
T6202	208 ---	0.010	0.18								
T6203	208 ---	0.159	1.28								
T6204	208 ---	0.005	0.12								
T6205	208 ---	0.002	0.01								
T6206	208 ---	0.005	0.09								
T6207	208 ---	< 0.001	0.01								
T6208	208 ---	0.004	0.03								
T6209	208 ---	0.003	0.10								
T6210	208 ---	0.001	0.05								
T6211	208 ---	< 0.001	0.04								
T6212	208 ---	0.001	0.05								
T6213	208 ---	0.150	6.71								
T6214	208 ---	0.002	0.09								
T6215	208 ---	0.007	0.13								
T6216	208 ---	0.003	0.04								
T6217	208 ---	0.005	0.02								
T6218	208 ---	0.031	0.57								
T6219	208 ---	0.001	0.06								
T6220	208 ---	0.003	0.06								
T6221	208 ---	0.002	0.06								
T6222	208 ---	< 0.001	0.04								
T6223	208 ---	0.001	0.05								
T6224	208 ---	0.019	0.09								
T6225	208 ---	0.019	0.34								
T6226	208 ---	0.003	0.09								
T6227	208 ---	0.002	0.06								
T6228	208 ---	0.002	0.09								
T6229	208 ---	0.007	0.09								
T6230	208 ---	0.002	0.07								
T6231	208 ---	0.002	0.10								
T6232	208 ---	0.002	0.07								
T6233	208 ---	0.004	0.04								
T6234	208 ---	0.002	0.03								
T6235	208 ---	0.002	0.03								
T6236	208 ---	0.037	0.20								
T6237	208 ---	0.001	0.06								
T6238	208 ---	< 0.001	0.03								
T6239	208 ---	0.002	0.07								
T6240	208 ---	0.015	0.13								

204
88 T-1
88 T-2
204

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Page 1 : 2
Tot. Pages: 3
Date : 14-OCT-88
Invoice # : I-8824681
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824681

DPH 88 T-2
DPH 88 T-6
DPH 88 T-3

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T								
T6241	208 ---	0.031	0.26								
T6242	208 ---	0.001	0.03								
T6243	208 ---	0.004	0.09								
T6244	208 ---	0.003	0.39								
T6245	208 ---	0.038	0.35								
T6246	208 ---	0.023	0.24								
T6247	208 ---	0.002	0.09								
T6248	208 ---	0.001	0.03								
T6249	208 ---	0.001	< 0.01								
T6250	208 ---	0.031	0.35								
T6251	208 ---	0.002	0.04								
T6252	208 ---	0.016	0.09								
T6253	208 ---	0.002	0.06								
T6254	208 ---	< 0.001	0.03								
T6255	208 ---	0.003	0.12								
T6256	208 ---	0.091	0.36								
T6257	208 ---	0.004	0.11								
T6258	208 ---	< 0.001	0.03								
T6259	208 ---	0.002	0.07								
T6260	208 ---	0.040	3.30								
T6261	208 ---	0.002	0.12								
T6262	208 ---	0.474	1.43								
T6263	208 ---	0.004	0.01								
T6264	208 ---	0.004	< 0.01								
T6265	208 ---	< 0.001	0.03								
T6266	208 ---	0.176	3.79								
T6267	208 ---	0.002	0.04								
T6268	208 ---	0.001	0.04								
T6301	208 ---	0.001	< 0.01								
T6302	208 ---	0.004	0.05								
T6303	208 ---	0.078	2.17								
T6304	208 ---	0.003	0.04								
T6305	208 ---	< 0.001	0.01								
T6306	208 ---	0.017	0.13								
T6307	208 ---	0.001	< 0.01								
T6308	208 ---	< 0.001	< 0.01								
T6309	208 ---	0.022	0.04								
T6310	208 ---	<< 0.001	<< 0.01								
T6311	208 ---	<< 0.001	<< 0.01								
T6312	208 ---	0.002	0.12								

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Page 1 of 3
Tot. Pages: 3
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CERTIFICATE OF ANALYSIS A8824681

DDH 88-4

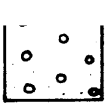
DDH 88 T-5

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Ag oz/T								
T6313	208	--	0.002	0.02								
T6314	208	---	0.006	0.29								
T6315	208	---	0.001	0.02								
T6316	208	---	0.028	1.06								
T6317	208	---	0.019	3.09								
T6318	208	---	^^ 0.001	0.04								
T6319	208	---	^^ 0.001	< 0.01								
T6320	208	---	0.047	7.58								
T6321	208	---	0.002	0.10								
T6322	208	---	0.005	0.32								
T6323	208	---	0.019	0.48								
T6324	208	---	0.021	0.95								
T6325	208	---	0.009	0.17								
T6326	208	---	^^ 0.001	^^ 0.01								
T6327	208	---	^^ 0.001	^^ 0.01								
T6328	208	---	0.003	0.15								
T6329	208	---	0.118	11.70								
T6330	208	---	^^ 0.001	0.07								
T6331	208	---	^^ 0.001	0.04								
T6332	208	---	0.002	0.08								
T6333	208	---	^ 0.001	< 0.01								
T6334	208	---	0.030	1.30								
T6335	208	---	0.001	0.02								
T6336	208	---	^ 0.001	< 0.01								
T6337	208	---	0.031	0.29								
T6338	208	---	^^ 0.001	^^ 0.01								
T6339	208	---	^^ 0.001	^^ 0.01								

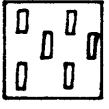
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APPENDIX IV

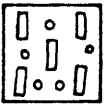
DRILL LOGS



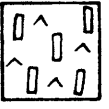
OVERBURDEN



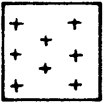
FELDSPAR PORPHYRY



QUARTZ-FELDSPAR PORPHYRY



MT. NANSEN GROUP VOLCANIC FLOWS
PYROCLASTICS & FEEDER DYKES



GRANODIORITE

J - INTERSTITIAL
 Ø - SPOTS
 P - PERVASIVE
 Q - PATCHES
 V - VEINLET
 < - VEINLET > PERVASIVE
 > - PERVASIVE > VEINLET

AMOUNT

N - NIL	(- 0.1%	3 - 30%
L - LOW TRACE	* - 0.3%	4 - 40%
) - 1%	5 - 50%
F - FAIR	+ - 3%	6 - 60%
M - MODERATE	- - 5%	7 - 70%
A - ABOVE AVERAGE	■ - 7%	8 - 80%
H - HEAVY	1 - 10%	9 - 90%
	2 - 20%	X - 100%

7 - 7 - FAULT
 - FAULT GOUGE
 - FRACTURES
 - BREAK
 △ - BRECCIA
 < - CRACKLE BRECCIA
 60° x - ANGLE TO CORE AXIS
 ≈ ≈ - SHEAR

D/S - DOWN SECTION
 QV - QUARTZ VEINLET
 QC - CHALCEDONY
 AS - ARSENOPYRITE
 BO - BORNITE
 CP - CHALCOPYRITE
 GL - GALENA
 HE - HEMATITE
 PY - PYRITE
 PYR - PYRRHOTITE
 S - SULPHIDES
 SL - SPHALERITE
 SX - FINE GRAINED SULPHIDES
 & SULFOSALTS

DEPTH (m)	VISUAL LOG	LITHOLOGY	ALTERATION										SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	oz/t AU	oz/t AG			
			FACIES	CHLORITE	EPIDOTE	CALCITE	MONTMORILLONITE	KAOLINITE	QTZ-SERCITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES AND SULFOSALTS						LIMONITE	MANGANESE OXIDES	% OXIDATION
3.66		CASING/OVERBURDEN - NO CORE RECOVERED																		
4.97		GRANODIORITE	3.66 PROPYLITIC FACIES	PA	<L	>F	N	N	N	<L	VF	N	PL	N)	63				
5.80		WEAK BREAK	4.97 MONTMORILLONITE FACIES (L-M) (SUPERGENE)	PF	N	PF	PF	N	N	<L	<F	N	PM	<F	=	57.7				
8.85			8.85 PROPYLITIC FACIES (F-M)	PF	BL	PL	N	N	N	<L	<F	N	>L	<F)	79				
12.07		2mm HEMATITE VEINLET QUARTZ MICROVEINS INCREASE D/S														10.67				
13.45		VEIN ZONE - QUARTZ, PYRITE, HEMATITE	12.07													6201	88	1.52	0.013	0.17
13.93		GRANODIORITE	13.45 SILICIC FACIES (H)	N	N	N	N	N	N	PH	DA	N	N	N	(12.19				
15.22		QUARTZ-FELDSPAR PORPHYRY	13.93 MONTMORILLONITE FACIES (A)	N	N	N	PA	N	N	<L	DF	N	PL	N	(6202	88	1.11	0.010	0.18
15.87		GRANODIORITE	15.22 PROPYLITIC FACIES (L)	N	N	N	BL	N	N	N	DL	N	PL	N)	6203	88	0.72	0.159	1.28
18.15		MAJOR PORPHYRITIC TEXTURE PYRITE/QUARTZ VEIN (2cm)	15.87 MONTMORILLONITE FACIES (F-A) (SUPERGENE)	N	N	PL	PF	N	N	<L	VL	N	PM	N	■	14.02				
18.57			18.15 PROPYLITIC FACIES (SUPERGENE)	PA	PL	PL	N	N	N	<L	DL	N	PF	N)	6204	91	1.18	0.005	0.12
21.80		WEAK BREAK	18.57													15.55				
22.80		MINOR PORPHYRITIC TEXTURE PYRITE/HEMATITE VEIN (1.0cm)	21.80 MONTMORILLONITE FACIES (F) (SUPERGENE)	N	N	PL	PF	N	N	<L	VL	N	PF	PL	1	6205	93	1.87	0.002	0.01
25.57			22.80 PROPYLITIC FACIES (M) (SUPERGENE)	DA	BF	<L	N	N	N	N	DL	N	PL	N	(17.07				
28.50		VEIN - 12cm - GALENA, PYRITE, QUARTZ, HEMATITE	25.57													6206	91	1.52	0.005	0.09
28.65			28.50 SILICIC (A)	N	N	KA	N	N	N	VA	<A	N	<L	N	1	18.59				
35.10			28.65 PROPYLITIC FACIES (SUPERGENE)	PM	BF	<L	N	N	N	<L	DL	N	<L	N	(20.12				
36.53			35.10 MONTMORILLONITE (A) (SUPERGENE)	N	N	N	PA	PL	N	<L	D1	N	PL	N	+	21.64				
41.00		PYRITE VEIN - 1.5 CM WITH A 40CM ALTERATION ENVELOPE OF 10-15% PYRITE.	36.53 PROPYLITIC (M) (HYPOGENE)	DA	BF	<L	PL	N	N	<L	DF	N	N	N	N	6207	90	1.53	<0.001	0.01
47.00																22.12				
49.07		END OF HOLE														6208	88	1.52	0.004	0.03
																21.64				
																6209	96	1.91	0.003	0.10
																23.17				
																92				
																6210	92	1.65	0.001	0.05
																24.64				
																6211	93	1.62	<0.001	0.04
																26.21				
																83				
																6212	83	1.53	0.001	0.05
																27.74				
																6213	74	0.60	0.150	6.71
																28.65				
																6214	84	1.83	0.002	0.09
																29.36				
																6215	86	1.53	0.007	0.13
																30.78				
																6216	89	1.52	0.003	0.04
																32.91				
																6217	99	1.25	0.005	0.02
																33.83				
																6218	99	1.80	0.031	0.57
																35.36				
																6219	99	1.52	0.001	0.06
																36.88				
																6220	89	1.53	0.003	0.06
																38.40				
																6221	97	1.82	0.002	0.06
																39.93				
																6222	77	1.47	<0.001	0.04
																41.45				
																6223	99	1.48	0.001	0.05
																42.37				
																6223	99	1.48	0.001	0.05
																43.89				
																44.81				
																45.73				
																6223	99	1.48	0.001	0.05
																47.09				
																48.01				
																6223	99	1.48	0.001	0.05
																49.07				

	SPOTS	0 - 0.1%	3 - 30%
	P - PERSVASIVE	* - 0.3%	4 - 40%
	Q - PATCHES) - 1%	5 - 50%
	V - VEINLET	+ - 3%	6 - 60%
	< - VEINLET > PERSVASIVE	- - 5%	7 - 70%
	> - PERSVASIVE > VEINLET	A - ABOVE AVERAGE	8 - 80%
		H - HEAVY	9 - 90%
			2 - 20%
			X - 100%

	FAULT GOUGE
	FRACTURES
	BREAK
	BRECCIA
	CRACKLE BRECCIA
	ANGLE TO CORE AXIS
	SHEAR
	D/S - DOWN SECTION
	QV - QUARTZ VEINLET
	QC - CHALCEDONY
	AS - ARSENOPYRITE
	BO - BORINITE
	CP - CHALCOPYRITE
	GL - GALENA
	HE - HEMATITE
	PY - PYRITE
	PYR - PYRRHOTITE
	S - SULPHIDES
	SL - SPHALERITE
	SX - FINE GRAINED SULPHIDES & SULFO SALTS

DEPTH (m)	LITHOLOGY	FACIES	ALTERATION	CHLORITE	EPIDOTE	CALCITE	MONTMORILLITE	KAOLINITE	QTZ-SERCITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES AND SULFO SALTS	LIMONITE	MANGANESE OXIDES	% OXIDATION	FRACTURE INTENSITY	SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	AU	AG
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3.44	GRANODIORITE	3.44 PROPLITIC FACIES (L) (HYPOGENE)															3.44	4.11			
5.40	WEAKLY ALTERED TO RELATIVELY FRESH FRACTURE ZONE, BOGGSU ACID CELESTINE, HEAVY LIMONITE STAIN	5.40 MONTMORILLONITE FACIES (F) (SUPERGENE)															5.35	5.35			
7.92		7.92 PROPLITIC FACIES (L) (HYPOGENE)															7.92	23			
15.38		15.38 MONTMORILLONITE FACIES (F)															15.38	9.45			
16.14		16.14 PROPLITIC FACIES (L)															16.14	10.06			
17.35		17.35 MONTMORILLONITE FACIES (L)															17.35	10.47			
18.24	FRACTURE ZONE	18.24 PROPLITIC FACIES (L) (HYPOGENE)															18.24	4.0			
32.29		32.29 MONTMORILLONITE FACIES (M) (HYPOGENE)															32.29	12.50			
35.14	MONTMORILLONITE INCREASES D/S.	35.14 SILICIC FACIES (A)															35.14	7.3			
35.61	DISCONTINUED QUARTZ VEIN - PY, GL, SL, SX	35.61 MONTMORILLONITE FACIES (F)															35.61	6.7			
37.27	DISCONTINUED QUARTZ VEIN - PY, GL, SL, SX	37.27 SILICIC FACIES (A)															37.27	13.70			
41.61	DISCONTINUED QUARTZ VEIN - PY, GL, SL, SX	41.61 SILICIC FACIES (A)															41.61	6.7			
43.47	GRAIN-BORDERED WEAKLY PERSVASIVE - PYRITE 0-3%	43.47 MONTMORILLONITE FACIES (L)															43.47	9.45			
45.70	ALTERATION DECREASES D/S	45.70 PROPLITIC FACIES (L) (HYPOGENE)															45.70	10.47			
49.07	END OF HOLE	49.07 PROPLITIC FACIES (L) (HYPOGENE)															49.07	12.50			

(METRES)
 — 1520
 — 1510
 — 1500
 — 1490
 — 1480
 — 1470
 — 1460
 — 1450
 — 1440

(METRES)
 1520 —
 1510 —
 1500 —
 1490 —
 1480 —
 1470 —
 1460 —
 1450 —
 1440 —

- ⋯ — OVERBURDEN
 - + + + — GRANODIORITE
 - ▣ — FELDSPAR PORPHYRY
 - ▲ — VEIN BRECCIA
 - ▨ — VEIN
 - ⋈ — VEINLET
 - ⋈ — GOUGE
 - 30° — FRACTURE ANGLE
-
- QZ — QUARTZ
 - SD — SIDERITE
 - CY — CLAY
 - SE — SERICITE
 - CA — CALCITE
 - GY — GYPSUM
 - CP — CHALCOPYRITE
 - PY — PYRITE
 - HE — HEMATITE
 - GA — GALENA
 - SP — SPHALERITE
 - AS — ARSENOPYRITE
 - SX — SULFOSALTS
 - SSX — FINE-GRAINED MIXED SULPHIDES
 - LM — LIMONITE
 - SC — SCORODITE

$\frac{0.031/0.26}{1.72}$ $\frac{\text{Au/Ag/oz/ton}}{\text{METRES}}$

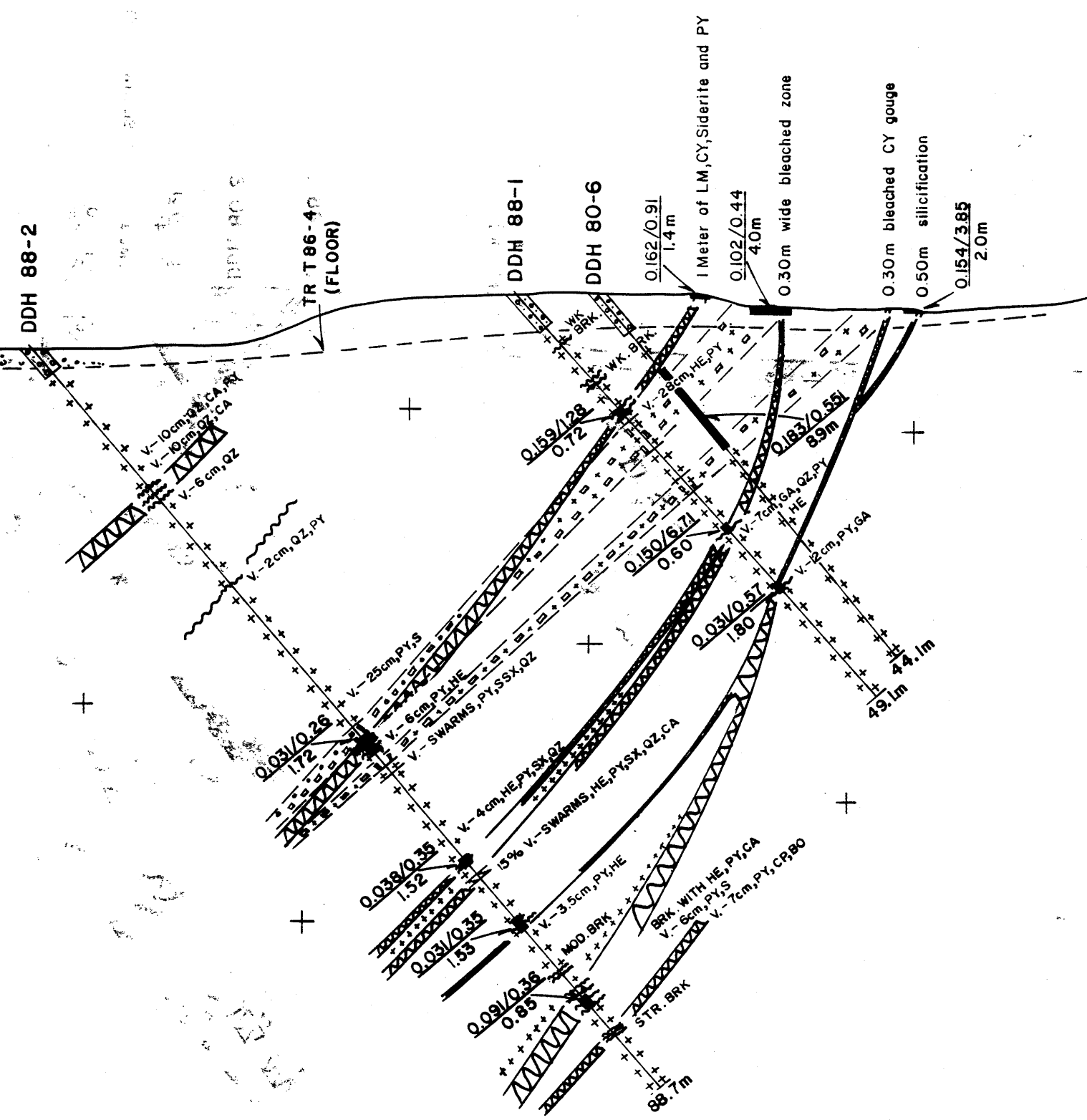


Figure 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

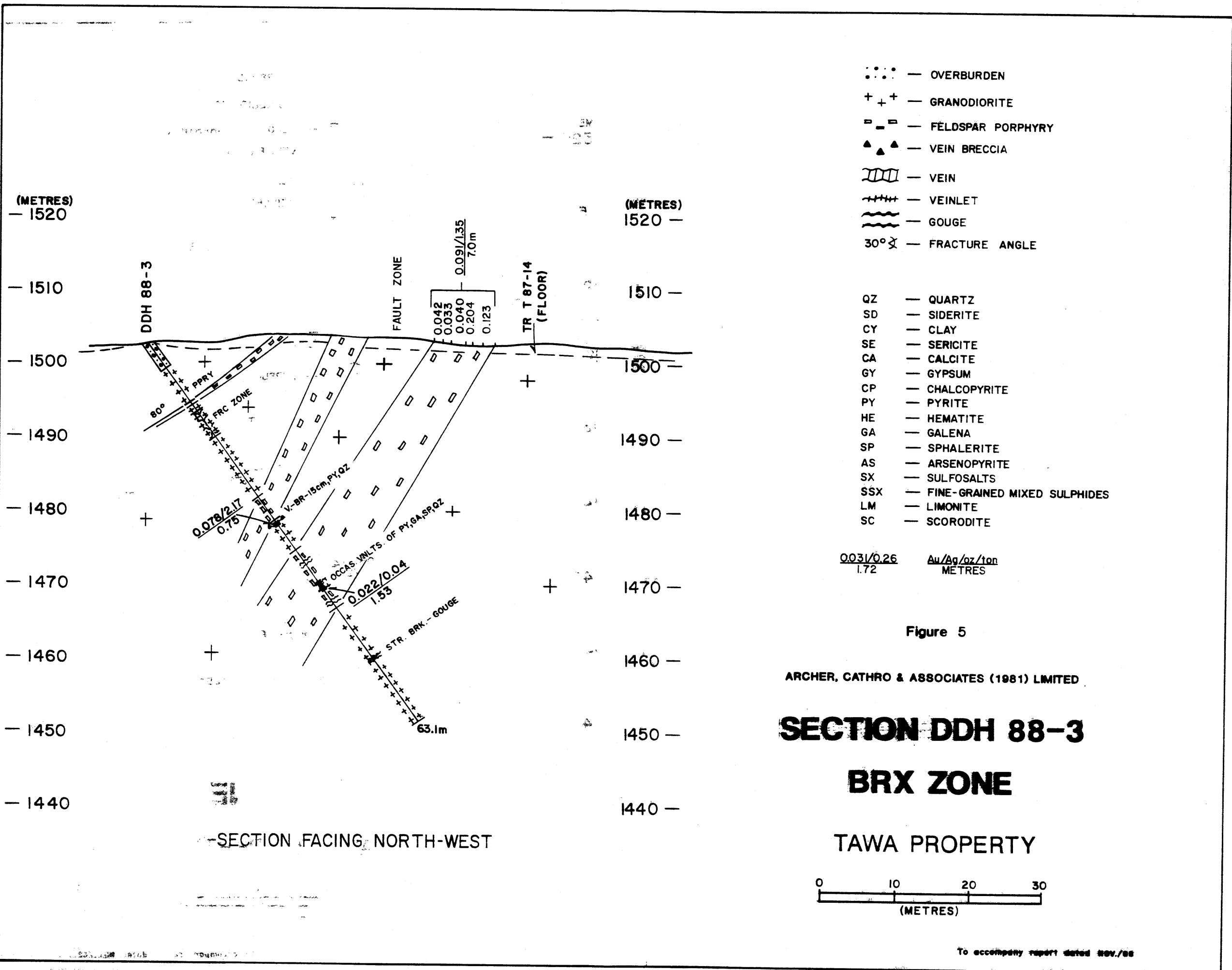
SECTION DDH 88-1&2

BRX ZONE

TAWA PROPERTY



SECTION FACING NORTH-WEST



(METRES)
— 1520 —
— 1510 —
— 1500 —
— 1490 —
— 1480 —
— 1470 —
— 1460 —
— 1450 —
— 1440 —

(METRES)
1520 —
1510 —
1500 —
1490 —
1480 —
1470 —
1460 —
1450 —
1440 —

DDH 88-3

FAULT ZONE

TR T 87-14
(FLOOR)

80°

0.078/2.17
0.75

0.022/0.04
1.53

0.042
0.033
0.040
0.204
0.123
0.091/1.35
7.0m

63.1m

SECTION FACING NORTH-WEST

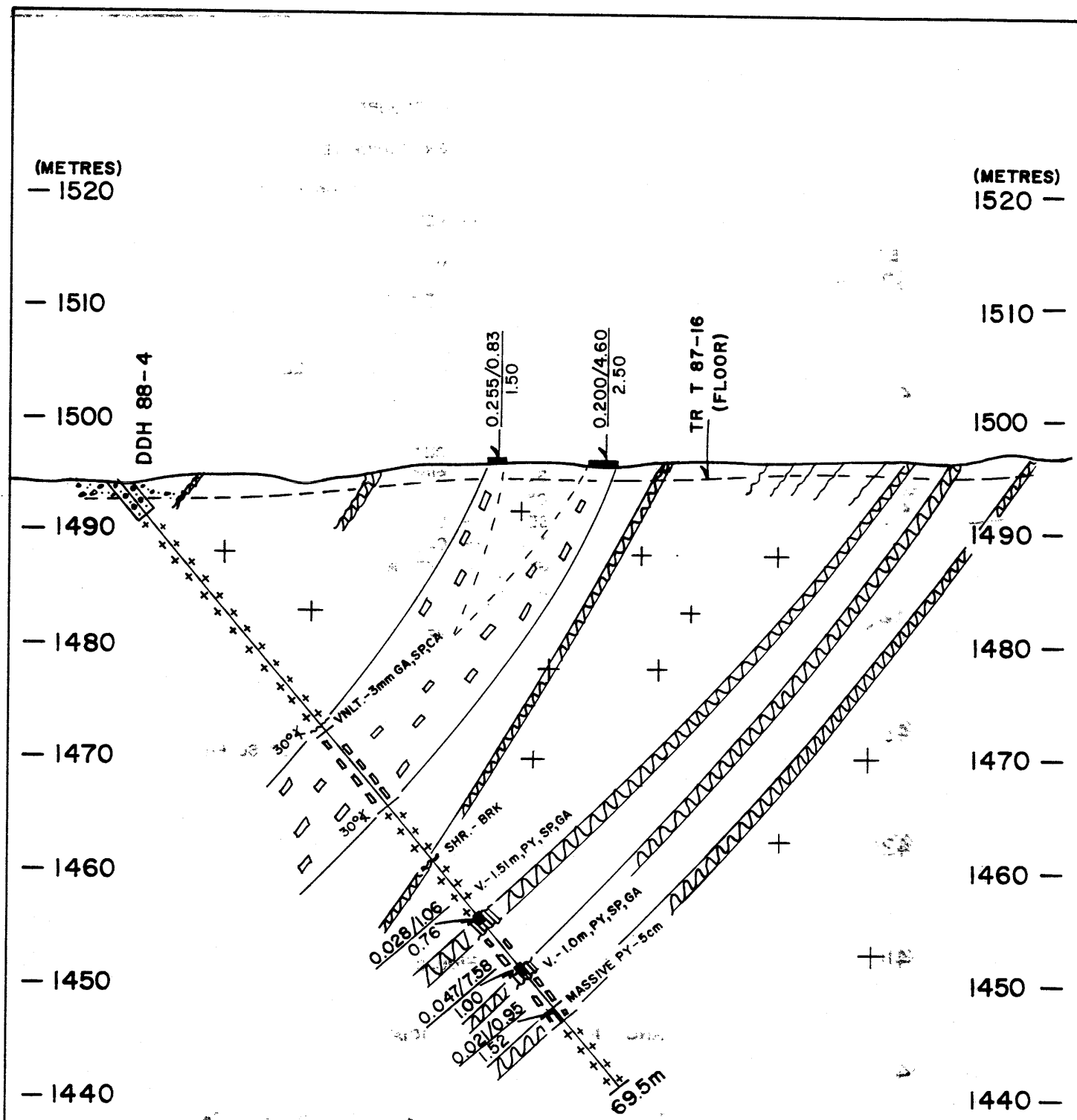
SECTION DDH 88-3

BRX ZONE

TAWA PROPERTY



To accompany report dated NOV/88



- ⋯⋯ — OVERBURDEN
- + + + — GRANODIORITE
- ▭ — FELDSPAR PORPHYRY
- ▲▲▲ — VEIN BRECCIA
- ▨ — VEIN
- ⋈ — VEINLET
- ~~~~ — GOUGE
- 30°X — FRACTURE ANGLE

- QZ — QUARTZ
- SD — SIDERITE
- CY — CLAY
- SE — SERICITE
- CA — CALCITE
- GY — GYPSUM
- CP — CHALCOPYRITE
- PY — PYRITE
- HE — HEMATITE
- GA — GALENA
- SP — SPHALERITE
- AS — ARSENOPYRITE
- SX — SULFOSALTS
- SSX — FINE-GRAINED MIXED SULPHIDES
- LM — LIMONITE
- SC — SCORODITE

0.031/0.26 Au/Ag/oz/ton
1.72 METRES

Figure 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION DDH 88-4

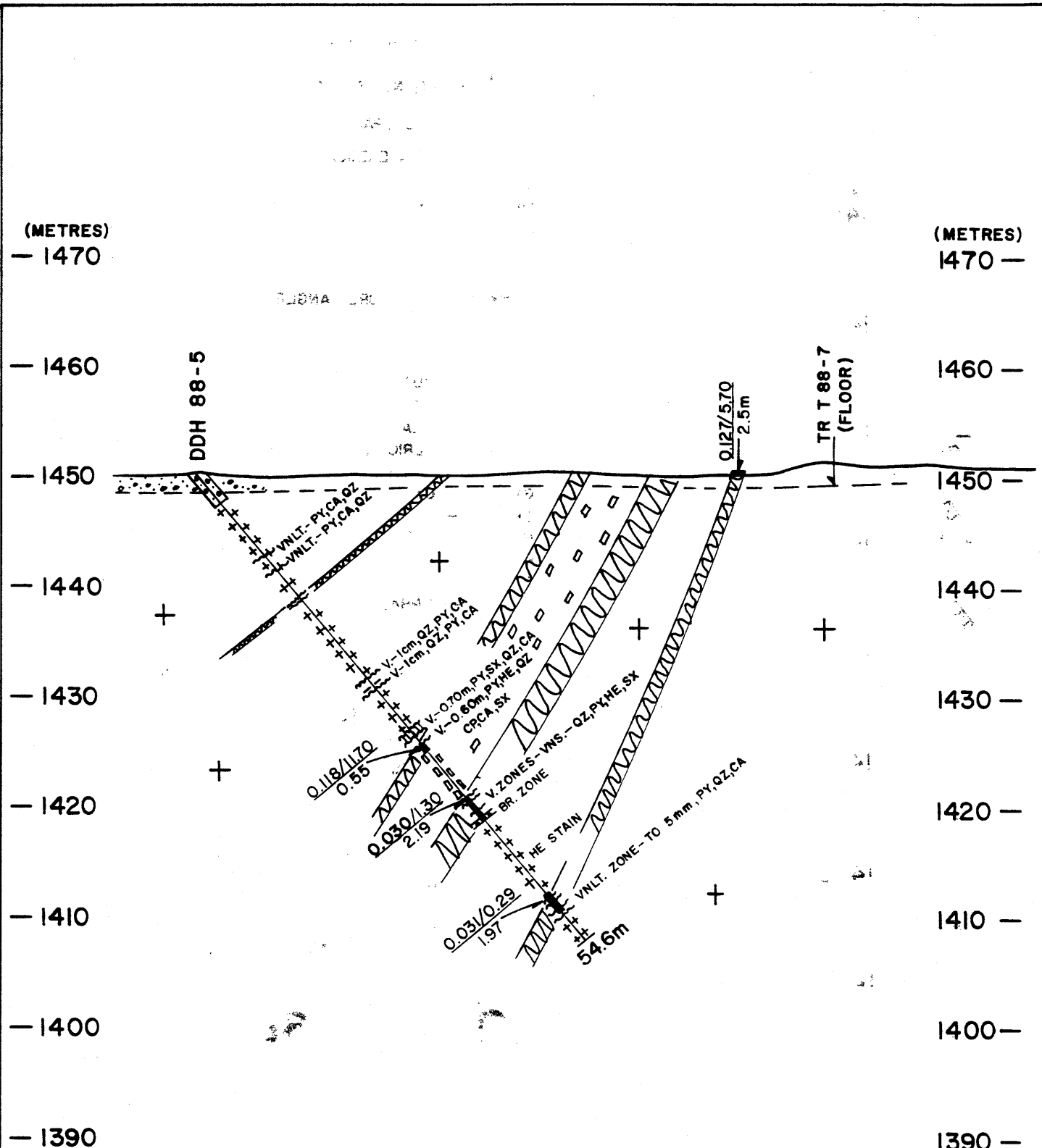
BRX ZONE

TAWA PROPERTY



SECTION FACING NORTH-WEST

To accompany report dated 12/1/88



- — OVERBURDEN
- + + + — GRANODIORITE
- — FELDSPAR PORPHYRY
- ▲ — VEIN BRECCIA
- ||||| — VEIN
- ++++ — VEINLET
- ~~~~ — GOUGE
- 30° — FRACTURE ANGLE

- QZ — QUARTZ
- SD — SIDERITE
- CY — CLAY
- SE — SERICITE
- CA — CALCITE
- GY — GYPSUM
- CP — CHALCOPYRITE
- PY — PYRITE
- HE — HEMATITE
- GA — GALENA
- SP — SPHALERITE
- AS — ARSENOPYRITE
- SX — SULFOSALTS
- SSX — FINE-GRAINED MIXED SULPHIDES
- LM — LIMONITE
- SC — SCORODITE

0.031/0.26 Au/Ag/oz/ton
1.72 METRES

Figure 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION DDH 88-5

BRX ZONE

TAWA PROPERTY



SECTION FACING NORTH-WEST

(METRES)
- 1480

- 1470

- 1460

- 1450

- 1440

- 1430

- 1420

- 1410

- 1400

(METRES)
1480 -

1470 -

1460 -

1450 -

1440 -

1430 -

1420 -

1410 -

1400 -

DDH 88-6

FRG. ZONE

0.474/376
1.70m

TR T88-22
(FLOOR)

Q.040/330
0.55m

Q.474/143
0.39m

Q.176/379
1.36m

V-0.85m, QZ, PY, GA, SP, PYR, SX
V-0.31m, QZ, PY, GA, SP, PYR, SX
V-0.86m, QZ, PY, GA, SP, SX
49.0m

SECTION FACING NORTH-WEST

- ⋯⋯ — OVERBURDEN
- + + + — GRANODIORITE
- ▭ — FELDSPAR PORPHYRY
- ▲▲ — VEIN BRECCIA
- |||| — VEIN
- ++++ — VEINLET
- ~~~~ — GOUGE
- 30°X — FRACTURE ANGLE

- QZ — QUARTZ
- SD — SIDERITE
- CY — CLAY
- SE — SERICITE
- CA — CALCITE
- GY — GYPSUM
- CP — CHALCOPYRITE
- PY — PYRITE
- HE — HEMATITE
- GA — GALENA
- SP — SPHALERITE
- AS — ARSENOPYRITE
- SX — SULFOSALTS
- SSX — FINE-GRAINED MIXED SULPHIDES
- LM — LIMONITE
- SC — SCORODITE

0.031/0.26
1.72 Au/Ag/oz/ton
METRES

Figure 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

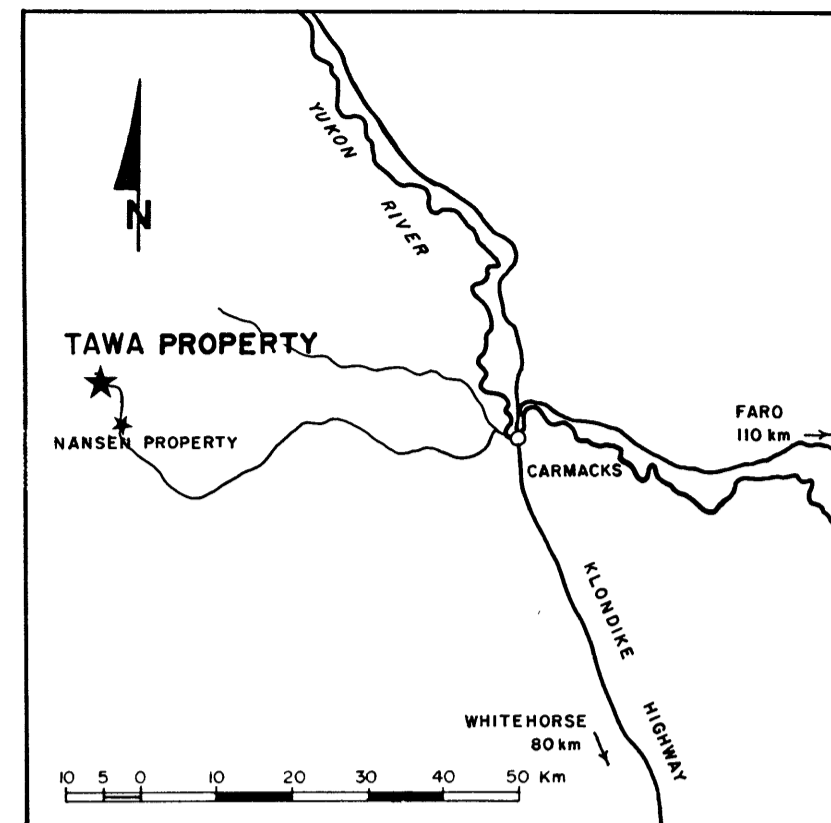
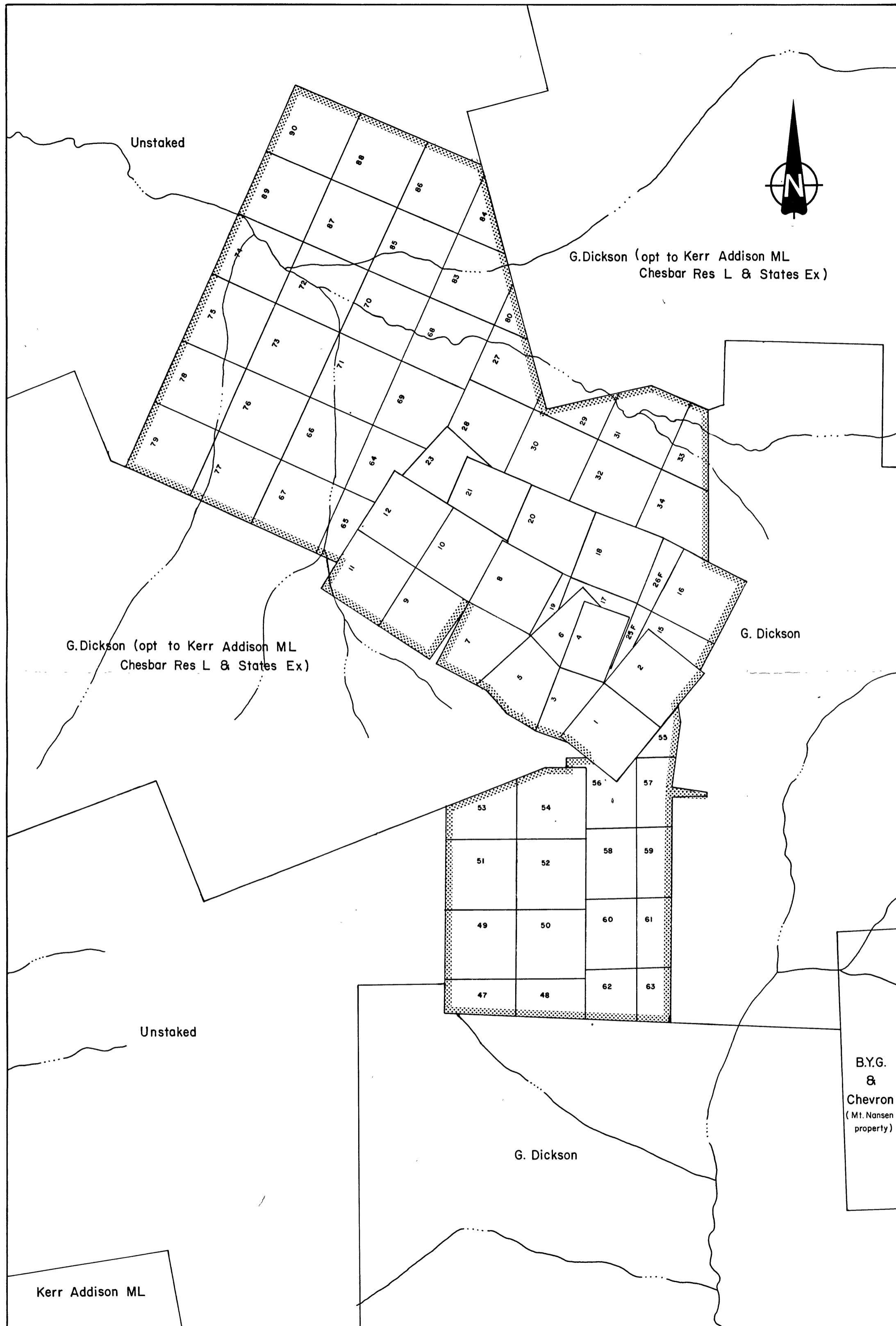
SECTION DDH 88-6


BRX ZONE

TAWA PROPERTY



To accompany report dated 08/1/88

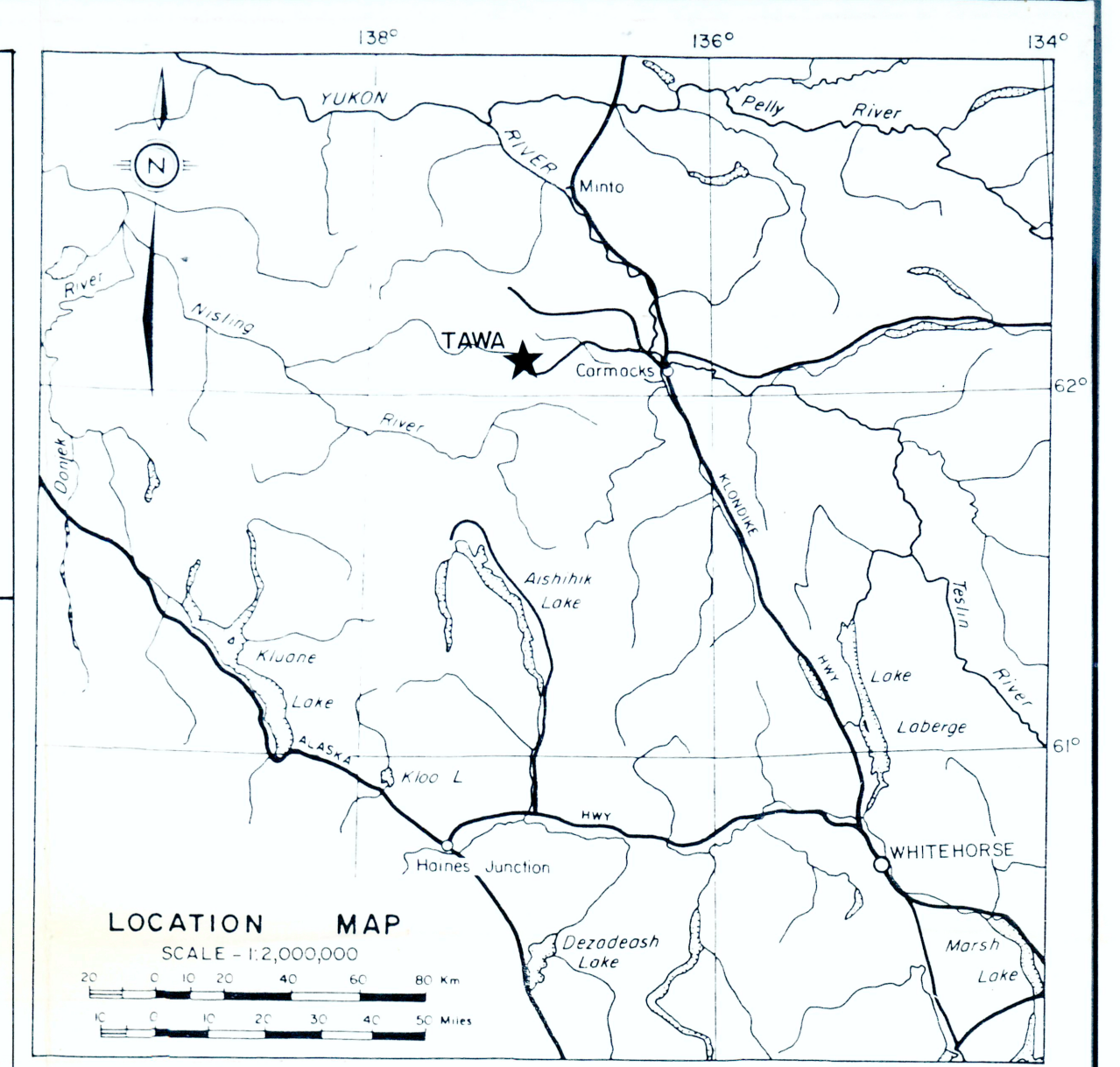
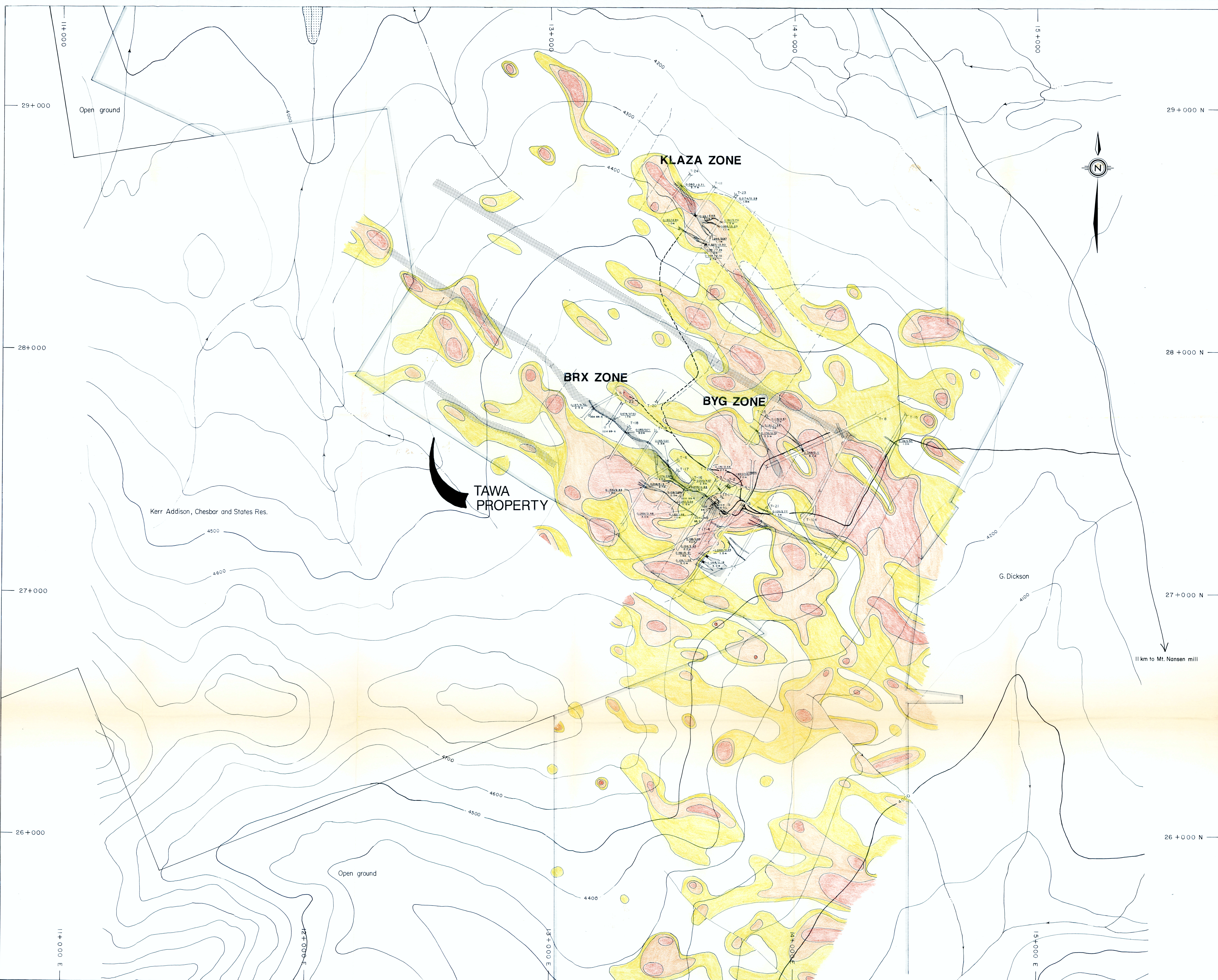


 Tawa property boundary
 (Cons BRX Mg & Pet Corp optioned to
 Chevron MI L & B.Y.G. Nat Res Inc)

CLAIM DATA			
TAWA PROPERTY			
FIGURE No 2		PROJECT: NANSEN	
DATE DEC. 1987	REVISIONS	NOV. 1988	SCALE 1:20000
NTS No 115 1-3			FILE No
COMPILED BY ARCHER, CATHRO & ASSOCIATES (1981) LTD.			

To accompany report dated Nov. 88

1000560066



- Excavator trench to bedrock
- Stripped area for proposed trenches
- Vein with mineralized interval — Au(gg/ton) metres
- Trend of EM-16 conductor
- Property boundary
- Producing placer mine
- Road
- Cat trail
- Diamond drill hole
- $\geq 25 < 50$ ppb Au
 - $\geq 50 < 100$ ppb Au
 - ≥ 100 ppb Au

COMPILATION MAP			
TAWA PROPERTY			
FIGURE No	3	PROJECT	NANSEN
DATE	NOV/88	REVISIONS	SCALE 1:5000
NTS No			FILE No
COMPILED BY ARCHER, CATHRO & ASSOCIATES (1981) LIMITED			

