85-1022
14206

Diamond Drill Report

- on the -

Tia Group

Kamloops Mining Division, British Columbia
N.T.S. 82M/12W

51°33' 119°50'

- for -

Nu Crown Resources Inc.

#200-121 St. Paul Street

Kamloops, B.C.

Prepared by

G. Belik and Associates Ltd.

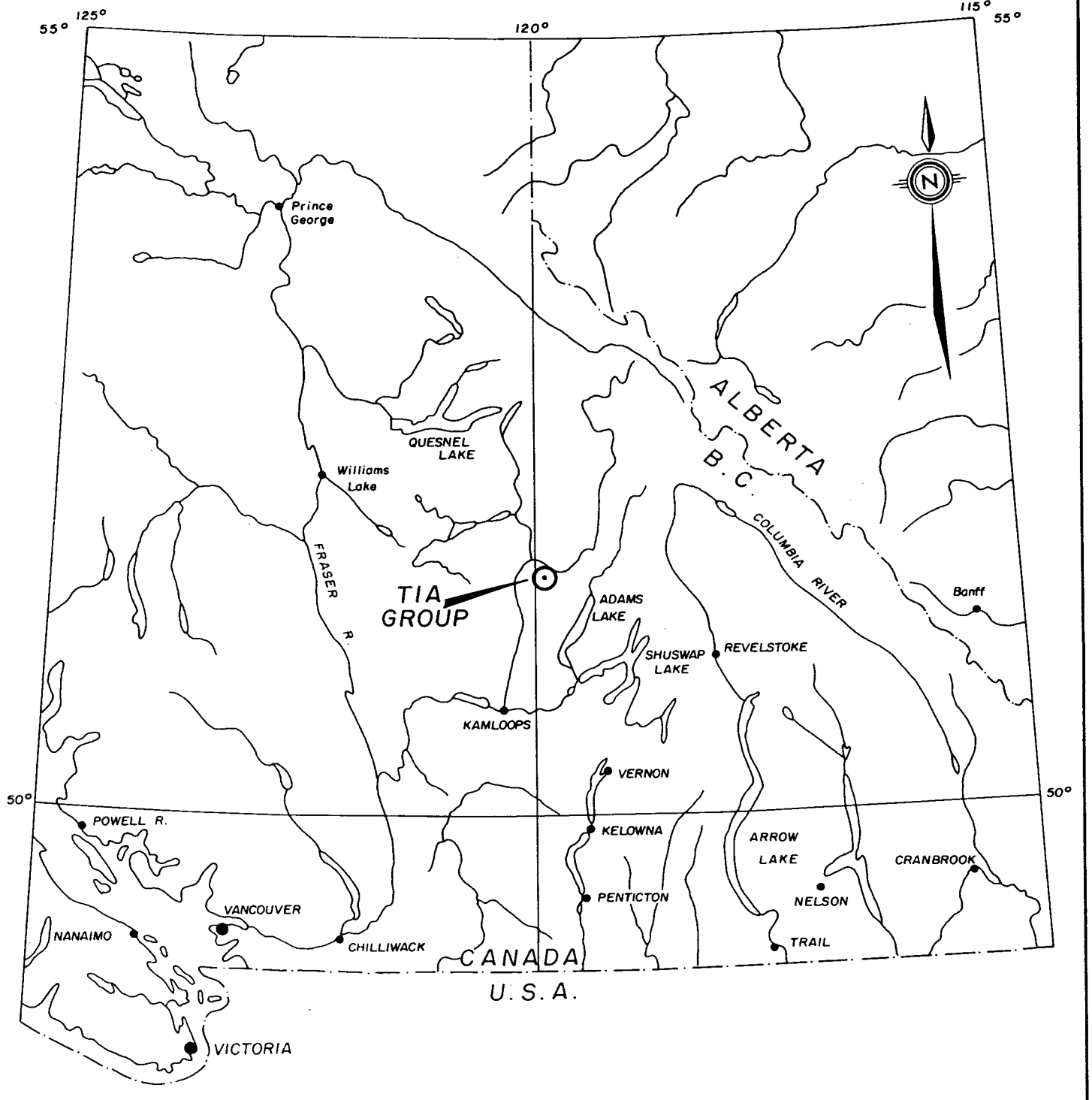
664 Sunvalley Drive

Kamloops, B. C.

Gary D. Belik, M.Sc.

December 14, 1985

Table of Contents



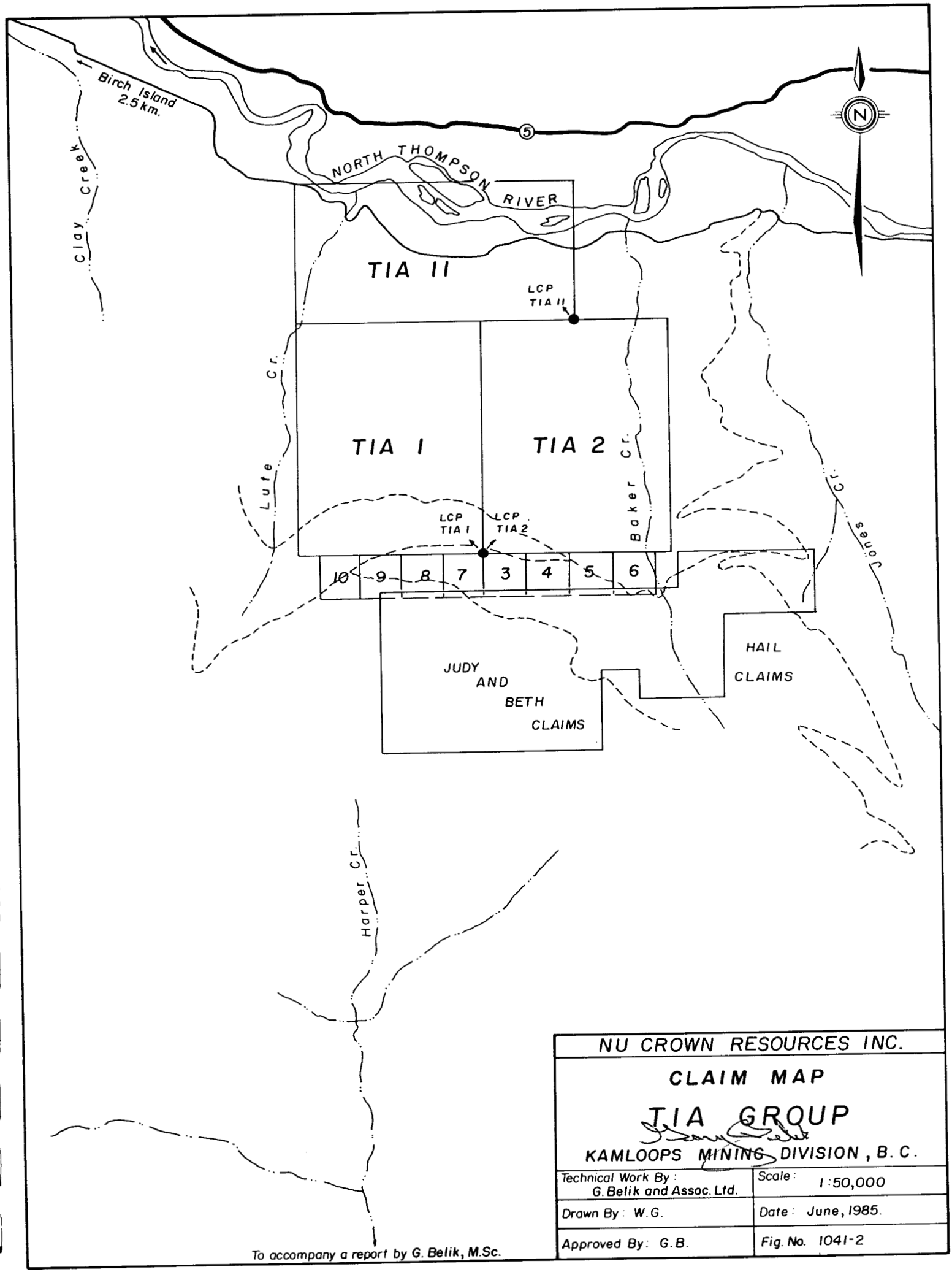
NU CROWN RESOURCES INC.

LOCATION MAP

TIA GROUP

KAMLOOPS MINING DIVISION, B.C.

Technical Work By: G. Belik and Assoc. Ltd.	Scale: 1:2,500,000 (1cm=25km)
Date: June, 1985.	Drawn By: W.G.
Fig. No. 1041-1	



NU CROWN RESOURCES INC.

CLAIM MAP

TIA GROUP

KAMLOOPS MINING DIVISION, B.C.

Technical Work By: G. Belik and Assoc. Ltd.	Scale: 1:50,000
Drawn By: W.G.	Date: June, 1985.
Approved By: G.B.	Fig. No. 1041-2

To accompany a report by G. Belik, M.Sc.

INTRODUCTION

During October 11-30, 1985, four diamond drill holes, totalling 426.73 meters, were completed on the Tia 1 mineral claim situated about 15 km southeast of the town of Clearwater, B. C. Diamond drilling was under contract to Core Enterprises Limited, P.O. Box 67, Clinton, B. C. A Boyles BBS-15 drill rig with NQ wire-line equipment was used to bore the holes.

CLAIMS

The Tia Group is comprised of 3 contiguous metric claims totalling 58 units plus 8 two-post claims as detailed below:

Mining Division	Claim Name	Units	Record No.	Date Recorded
Kamloops	Tia 1	20	5879	Sept. 11/84
Kamloops	Tia 2	20	5880	Sept. 11/84
Kamloops	Tia 3	2-post	5881	Sept. 11/84
Kamloops	Tia 4	2-post	5882	Sept. 11/84
Kamloops	Tia 5	2-post	5883	Sept. 11/84
Kamloops	Tia 6	2-post	5884	Sept. 11/84
Kamloops	Tia 7	2-post	5885	Sept. 11/84
Kamloops	Tia 8	2-post	5886	Sept. 11/84

Kamloops	Tia 9	2-post	5887	Sept. 11/84
Kamloops	Tia 10	2-post	5888	Sept. 11/84
Kamloops	Tia 11	16	6258	June 18/85

The Tia claims are recorded in the name of G.D. Belik, 664 Sunvalley Drive, Kamloops, B. C. A Trust Agreement, transferring 100% interest in the claims to Nu Crown Resources Inc., is held in the offices of Webber & Co., #200-121 St. Paul Street, Kamloops, B. C.

LOCATION AND ACCESSIBILITY

The Tia Group is located along the south side of the North Thompson Valley in the Kamloops Mining Division, B. C. (N.T.S. 82M/12W). The center of the property is centered about 100 km north-northeast of Kamloops at geographic co-ordinates 51° 33' North Latitude and 119° 50' West Longitude. A good gravel road, which connects Birch Island and Vavenby, passes through the north part of the property and a network of logging roads and skid trails traverse the southern part of the claim group. Approximately 2.8 km of tote road was completed during the 1985 program which provides 4-wheel drive access into the northern part of the Tia 1 claim.

GEOLOGICAL SETTING

The property is underlain by weak to moderately deformed basaltic to rhyolitic volcanic rocks of probable Paleozoic age. Campbell (1962) mapped these rocks as part of the Eagle Bay Formation -- a litholigically diverse group of metamorphosed and strongly deformed rocks which are flanked on the east by the Shuswap Metamorphic Complex and on the west by relatively undeformed and unmetamorphosed rocks of the Fennel Formation, Nicola Group and Cache Creek Group.

Within the central part of the claim area, a coarse agglomerate unit is partly exposed over an area measuring approximately 3000 meters by 500 meters. This unit is flanked by crystal and lapilli tuffs with interbeds of volcaniclastic sediment and graphitic phyllite. The agglomerate, which closely resembles 'mill rock', is composed of 70%-80% subangular to well-rounded, altered, stretched 'bombs' a few cm to 40 cm in size. The matrix consists of lapilli-size quartz and feldspar grains and fine volcanic fragments within a tuffaceous, epidote-chlorite-sericite groundmass. Volcanic fragments, which commonly contain quartz eyes, are intermediate to felsic in composition.

PREVIOUS EXPLORATION

The area of the Tia claims was formerly held by Union Oil Company of Canada Limited. (Crown 1,2,3 & 6 claims). Between 1979 and 1983 Union Oil carried out preliminary exploration programs which included: a Dighem II airborne E.M./Mag survey, grid preparation, ground V.L.F.-E.M., I.P., soil and silt sampling, prospecting and geological mapping.

Geophysical surveys carried out by Union Oil have identified a large number of potentially significant bedrock conductors. Of particular interest are a series of moderate to strong conductors situated along the northern flank of the agglomerate unit. Within the central part of this conductive belt, segments of several of the conductors correlate favorably with soils anomalous in copper, lead and zinc.

DIAMOND DRILL PROGRAM

The 1985 drill program evaluated three geophysical targets within the northern half of the Tia 1 claim. The targets evaluated occur within the central part of the conductive belt identified by Union Oil along the

northern flank of the coarse agglomerate unit. It is within this region that soils anomalous in copper, lead and zinc correlate favorably to some extent with known geophysical targets.

DDH-1

Drill hole No. 1 evaluated a moderate to strong I.P. anomaly associated with a sharp, distinct, 200 gamma magnetic high centered at 13+50 N on line 7+50 E. A strong copper anomaly occurs immediately upslope to the south. A rather broad chain of weak zinc anomalies extends downslope to the north.

Drill hole No. 1 penetrated a coarse agglomerate unit throughout most of its length. The unit contains 60%-80% angular to well-rounded, andesitic to dacitic fragments less than 1 cm to +10 cm in size. Fragments typically contain altered feldspar and pyroxene phenocrysts and large quartz amygdules. Some fragments are bleached to a pale green/cream color, resembling rhyolite. The matrix of the fragmental unit is darker green, more chloritic and commonly contains lapilli-size quartz eyes and altered volcanic fragments.

A pale green, well-foliated, pyritic tuff unit with scattered small quartz eyes was intersected between a depth of 32.21 m and 39.32 m. This unit contains a core,

1.95 m wide, of bleached, highly sericitized and silicified schist with 10%-15% disseminated pyrrhotite and pyrite with wisps of very fine-grained sphalerite and galena. The altered unit contains a 0.51 m bed of grey to light brown, dense, baritic, cherty tuffite with very finely disseminated pyrite, galena and sphalerite.

DDH-2

Drill hole No. 2 was collared about 300 m northwest of hole No. 1. This hole evaluated a coincident V.L.F.-E.M./I.P. anomaly which crosses line 7+50 E at about 15+15 N.

The upper section of hole No. 2, to a depth of about 46 m, penetrated a coarse fragmental sequence very similar to that intersected in hole No. 1. The interval between 12.7 m-21.64 m is moderate to strongly sericitized and contains two narrow mineralized tuff interbeds, 0.79 m and 0.39 m wide. The tuff interbeds contain 20%-30% pyrite and pyrrhotite and 1%-2% sphalerite and galena as fine disseminations and thin, discontinuous laminations. Samples from the two mineralized zones assayed 0.49% and 1.2 % combined lead/zinc respectively.

From 46 m to the final depth of 94.71 m, hole No. 2 passed through a sequence of fine-grained, well-foliated, sericitic tuffs. Within the upper section, this sequence

generally contains minor disseminated pyrite and pyrrhotite with sulphide-rich sections, up to 3.0 meters wide, containing abundant pyrrhotite and pyrite with significant amounts of sphalerite and galena. Although lead and zinc values are sub-economic they are present in significant amounts throughout most of the sections containing visible sulphides and define a broad anomalous zone approximately 30 meters wide. The most note-worthy intercepts within this interval are as follows:

Section	Lead(%)	Zinc(%)
46.38-47.50	.14	.72
50.55-51.77	.25	1.47
67.74-69.50	.18	.74

DDH-3

Drill hole No. 3 evaluated the down-dip extension of the sequence in hole No. 2, 50 meters to the north. In general there is good hole-to-hole correlation between the two drill sections.

In hole No. 3 the upper coarse fragmental sequence is present to a depth of about 80 meters. This sequence grades downword into fine-grained, sericitic tuffs with interbeds of agglomerate and coarse, feldspar-crystal tuff. Black argillite and grey, argillaceous phyllite occur near the base of the section.

Two general zones of sulphide mineralization occur within hole No. 3 which correlate fairly well with the mineralized sections in hole No. 2. Both zones locally contain significant lead-zinc mineralization, although, in general the grades are somewhat lower than in hole No. 2.

DDH-4

Drill hole No. 4 was collared at 21+72N; 7+62E, near the western edge of a strong conductor associated with a small, but distinct Cu Zn soil anomaly. I.P. surveys carried out by Union Oil have shown that the conductor is strongly polarizable and marked by a very distinct resistivity low.

There is nothing apparent in hole No. 4 to adequately explain the geophysical target. The hole penetrated a sequence of medium to dark green andesitic crystal and lapilli tuffs and white to pale green, rhyolitic, quartz-eye tuffs and flows(?). A strong zone of faulting and shearing is evident between 80.49 m and 123.60 m which could be moderately conductive, however, there are not enough sulphide present to account for the strong I.P. response.

It is possible that the conductor dips away from the drill hole and thus was not reached. Alternately,

the down dip extension of the conductor may have been cut off by the strong fault zone intersected in the hole.

CONCLUSIONS

The following features suggest that the Tia Property has a good potential for hosting polymetallic, volcanogenic massive sulphide deposits:

1. Possible regional stratigraphic correlation with the Rea Gold deposit

2. The presence of a cyclic, differentiated, felsic to intermediate volcanic sequence with a coarse pyroclastic component (ie mill rock)

3. Limited drilling carried out to date has identified the presence of significant base metal mineralization within at least 2 and possibly 3 separate horizons

4. The association of the mineralization with rather broad zones of moderate to strong hydrothermal alteration

5. The presence of cherty tuffite and, locally, high concentrations of barium

6. The relative position of the mineralization

in close proximity to a coarse fragmental sequence fits the optimum model site for a massive sulphide deposit within an environment of this type very well

Although sub-economic, the mineralization encountered to date is significant and displays many of the characteristics of a volcanogenic, distal-type facies. The presence of this type of mineralization, in view of the favourable geological setting and the association of the mineralization with broad zones of hydrothermal alteration, suggests that there is a good potential for more massive, proximal-type mineralization along the projected strike of the mineralized zones or elsewhere within the stratigraphic sequence. The classic model type which might be expected to occur would be a bedded massive sulphide with a baritic, zinc-rich top and margins and a copper-rich core. Deposits of this type commonly contain significant gold and silver values and are attractive exploration targets.

At least 25 potentially significant conductors have been identified within the Tia claim area which have not been evaluated by drilling, including conductors along the projected strike of the mineralized zones, both to the east and west. In view of this, considering the success of the limited drilling carried out to date, the property is viewed as having an excellent exploration potential.

Respectfully Submitted,

G. D. Belik, M.Sc.

December 14, 1985

APPENDIX I

DIAMOND DRILL LOGS

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia

HOLE No. DDH-1

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -46°
Claim Tia 1
Section
Bearing 180°

Total Depth 75.29 m
% Recovery
Elev. Collar 1005 m approx
Latitude 13+97 N
Departure 9+93 E

Sheet No 1 of 3
Logged by G. Belik
Date Begun Oct. 13, 1985
Date Finished Oct. 15, 1985
Core Stored At Kamloops

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE
Meters	Percent			
0-5.49		Overburden (Boulder till)		
5.49-26.21	L.1-2	Coarse volcanic fragmental; frags angular to		
		rounded, andesitic to dacitic and L.1 cm to		
		+10 cm in size; frags typically contain altered		
		feldspar and pyoxene phenocrysts and large		
		quartz amygdules; some frags bleached to a		
		pale green/cream color, resembling rhyolite;		
		matrix of fragmental unit darker green, more		
		chloritic and commonly contains lapilli-size		
		quartz eyes and altered volcanic frags; strong		
		chlorite/epidote alteration in both matrix and		
		fragments (deuteric); bedding defined by alig-		
		ment of stretched fragments and amygdules and		
		by compaction structures in matrix		
		bedding at 15.2 m: 75°/core axis		
		at 19.2 m: narrow, chloritic quartz veins		
		with minor Py & Cpy		
	60	20.12-22.86 m: poor recovery (tube not locked)		

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-1 SHEET No. 2 of 3

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		past 26.2 m: unit paler green color due to incipient sericite alteration						
		28.34-28.5 m: white quartz vein with coarsely crystalline epidote						
		29.87-30.01 m: white quartz vein with coarsely crystalline epidote						
32.21-34.52	L.1	Light green, foliated crystal tuff; small quartz eyes locally evident; minor disseminated Py; foliation 70°/core axis						
34.52-35.74	L.1	Pale green, fine-grained, foliated tuff with quartz eyes; scattered coarse pyrite cubes and 4-6% finely disseminated Po ± Py	82008	34.52-35.74 70		13	95	6,333
35.74-37.69	L.1	White to pale green sericitic schist; 10-15% disseminated Py & Po with wisps of light brown very fine grained Sph; foliation 80°/core axis	82007	35.74-36.68 48		1,700	800	31,426
		36.17-36.68 m: grey to light brown dense cherty tuffite with finely disseminated Py, Gn ± Sph; late stage conformable quartz vein evident with abundant galena along vein margins	82006	36.68-37.69 74		1,500	5,200	12,709

DIAMOND DRILL RECORD

G. BELIK & ASSOCIATES LTD.

PROPERTY Tia HOLE No. DDH-1 SHEET No. 3 of 3

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
37.69-38.35	L.1	Light green, fine-grained, foliated tuff; 3-4% Py & Po						
38.35-39.32	L.1	Light green chloritic tuff with quartz eyes; minor disseminated Py & Po						
39.32-75.29		Coarse volcanic fragmental similar to interval 5.49-26.21 m.						
		45.11-45.3 m: quartz vein 30°/core axis						
		50.0-51.41 m: quartz vein with chlorite epidote and tourmaline						
		End of DDH-1 casing pulled						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-2

DIP AND AZIMUTH TEST		
Meters	Corrected	
Footage	Angle	Azimuth
95.71	-52°	

Core Size NQ
Angle of Hole -45°
Claim Tia
Section
Bearing 180°

Total Depth 95.71 m
% Recovery
Elev. Collar 960 approx.
Latitude 15+84 N
Departure 7+55 E

Sheet No 1 of 7
Logged by G. Belik
Date Begun Oct. 16, 1985
Date Finished Oct. 18, 1985
Core Stored At Kamloops

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
Meters	Percent							
0-5.49	95	Overburden (boulder till)						
5.49-13.54	L.1	Light to medium green, coarse volcanic fragmental fragments: angular to well rounded and L.1 cm to + 20 cm in size; compositionally andesitic to dacitic; most fragments contain feldspar, pyroxene (chloritized) ± quartz phenocrysts within a fine-grained, light to pale green groundmass; most fragments contain large blue/grey quartz amygdules (commonly stretched); many fragments have bleached rims and some are totally bleached to a pale cream color (resembling rhyolite) matrix: medium to dark green, fine-grained, chloritic with abundant, coarse, altered feldspar and pyroxene fragments; lapilli-size quartz eyes locally evident						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-2 SHEET No. 2 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		past 10.4 m: fragments and matrix lighter color due to incipient sericite alteration						
		12.7-13.54 m: fragments smaller and less distinct due to moderate to strong hydrothermal sericite overprint; matrix of unit contains 3-5% white feldspar fragments up to 2 mm in size; 5-8% Po in thin discontinuous laminations	082031	12.7-13.54	89	6	79	1763
13.54-14.33	L.1	White to pale green, fine-grained well-foliated, strongly sericitized tuff; 20-30% Po, Py, Sph, Gn as fine disseminations and thin, discontinuous laminations; foliation 68°/core axis	082030	13.54-14.33	79	1200	4700	1705
14.33-14.86	L.1	Moderate to strongly sericitized, coarse fragmental; fragments generally less than 1 cm in size; most fragments bleached and indistinct; 5-10% Po & Py	082029	14.33-14.86	120	74	233	825
14.86-21.64	L.1	Light green coarse volcanic fragmental (frags up to 4 cm); moderate sericite alteration; most frags bleached and indistinct						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-2 SHEET No. 3 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		16.92-17.42 m: 2-8% Po	082028	16.92-17.42	110	27	94	545
		17.42-17.81 m: pale green/grey, strongly	082027	17.42-17.81	89	2200	9800	518
		sericitized tuff; +20% Po, Py, Sph, Gn						
		17.81-18.59 m: 5-8% Po + minor Sph & Gn						
		18.59-19.05 m: feldspathic tuff; 20% white,						
		serrated feldspar fragments						
21.64-22.86	50	Rusty, broken section; poor recovery; possible						
		fault; material recovered coarse fragmental						
		volcanic						
22.86-44.5	L.1	Same as upper section, interval 5.49-13.54 m;						
		red hematitic fractures locally evident						
		bedding at 25.3 m: 59°/core axis						
		past 43.6 m: incipient sericite alteration;						
		fragments less distinct						
44.5-46.03	L.1	Coarse volcanic fragmental; moderate to strong						
		sericite alteration; fragments indistinct and						
		ghost-like						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-2 SHEET No. 4 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		45.64-46.03 m: 2-3% Po						
46.03-50.55	L.1	Pale green, moderately sericitized, well foli-						
		ated, crystal and lapilli tuff; quartz eyes						
		locally evident; a few scattered, altered						
		large fragments						
		46.03-48.08 m: 2-5% disseminated Po;	082026	45.64-46.38	80	22	124	1096
		46.38-46.51 m: sphalerite-rich band	082025	46.38-47.5	91	1400	7200	949
		46.84-46.89 m: sphalerite-rich band	082024	47.5-48.08	80	19	192	711
		47.40-47.5 m: sphalerite-rich band	082023	48.08-49.38	84	30	135	479
		49.38-50.55 m: 5-8% Po, Py; locally signifi-	082022	49.38-50.55	127	179	998	587
		cant Sph evident						
50.55-51.77	L.1	Pale green well foliated sericitic tuff; 10%	082021	50.55-51.77	101	2500	14,700	493
		to +30% Po, Py, Sph, Gn as fine disseminations,						
		thin discontinuous laminations and sulphide-						
		rich bands; folded sulphide laminations and						
		bands evident						
		foliation at 50.9 m: 76°/core axis						
51.77-67.74	L.1	Light green, well foliated, fine-grained ser-	082020	51.77-53.04	86	861	4,252	473
		icitic tuff; L.1% to +6% Po,Py; locally sign-	082019	53.04-54.86	92	19	107	473
		ificant Sph,Gn evident	082018	54.86-56.85	73	55	181	548

DIAMOND DRILL RECORD

G. BELIK & ASSOCIATES LTD.

PROPERTY Tia HOLE No. DDH-2 SHEET No. 5 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		56.85-58.37 m: 10-20% Po,Py with Sph ± Gn	082017	56.85-58.37	101	700	2,400	762
		58.37-59.44 m: 3-5% Po,Py; minor Sph & Gn						
		59.44-64.92 m: minor sulphide						
		63.87-64.01 m: feldspar crystal tuff						
		foliation at 61.6 m: 74°/core axis						
		64.92-65.3 m: 5-15% Py,Po, Sph,Gn	082016	64.92-65.3	102	822	3,234	707
		65.3-66.37 m: minor sulphide	082015	65.3-66.37	72	18	106	272
		66.37-67.74 m: 3-8% Po Py; Sph,Gn locally evident; unit contains lapilli-size quartz eyes and dark grey gypsum(?) fragments	082014	66.37-67.74	85	211	690	211
67.74-70.71	L.1	White to pale green fine-grained sericitic tuff; 30% Po Py, Sph, Gn as finer disseminations, laminations and sulphide-rich bands; a few soft dark grey bands and laminations evident (possibly gypsum)	082013	67.74-69.50	89	1800	7,400	549
			082012	69.50-70.71	79	1000	2,400	804
		foliation at 68.6 m: 71°/core axis						

DIAMOND DRILL RECORD

G. BELIK & ASSOCIATES LTD.

PROPERTY Tia HOLE No. DDH-2 SHEET No. 6 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
70.71-77.72	L.1	Light green, fine-grained, well-foliated, sericitic tuff; 1-2% Py, Po	082011	70.71-73.23	86	131	408	552
		71.32-72.24 m: broken section with vein quartz and gouge						
		72.54-72.85 m: feldspar crystal tuff						
		73.23-73.41 m: sulphide-rich band with Sph & Gn	082010	73.23-73.41	83	697	1810	766
		73.41-74.83 m: 4-8% Py, Po; a few grey bands; Sph locally evident	082009	73.41-74.83	89	232	915	870
		past 74.83 m: minor sulphide						
		foliation at 76.2 m: 56°/core axis						
77.172-80.77	L.1	Medium green, coarse, feldspar crystal tuff; unit contains 40% shattered white feldspar fragments, L.1 mm to 5 mm in size; scattered, large, dark grey clasts (gypsum?)						
80.77-94.49	L.1	Green, competent, weakly foliated, fine-grained, feldspathic crystal tuff						

G. BELIK & ASSOCIATES LTD. — DIAMOND DRILL RECORD

PROPERTY Tia. HOLE No. DDH-2 SHEET No. 7 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		80.77-84.74 m: coarse, feldspathic crystal						
		tuff interbeds						
		foliation at 87.2 m: 78°/core axis						
		past 87.2 m: grey tinge to sections of core						
		(argillaceous?)						
94.49-95.71	50	Green, fine-grained, hard, siliceous tuff;						
		poor recovery (tube not locked)						
		End of DDH-2						
		casing pulled						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3

DIP AND AZIMUTH TEST		
Meters	Corrected	
Footage	Angle	Azimuth
119.18	-52°	

Core Size NQ
Angle of Hole -44°
Claim Tia 1
Section
Bearing 180°

Total Depth 119.18 m
% Recovery
Elev. Collar 950 m approx.
Latitude 16+34 N
Departure 7+55 E

Sheet No 1 of 8
Logged by G. Belik
Date Begun Oct. 19, 1985
Date Finished Oct. 22, 1985
Core Stored At Kamloops

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE
Meters	Percent			
0-7.62	95	Overburden (boulder till)		
7.62-19.66	L.1	Coarse fragmental volcanic: fragments: light green andesite to dacite; some fragments pale green to white and finer grained (possible rhyolite); fragments L.1 to +15 cm in size, angular to well-rounded; most fragments contain abundant quartz and feldspar; most quartz occurs in stretched amygdules but locally is primary; feldspars partly to completely sausuritized; mafics chloritized		
		matrix: crystal and lapilli tuff; darker green, more chloritic with abundant lapilli size quartz and feldspar fragments		
		alteration: early stage chlorite/epidote alteration with silicification (deuteric); later stage, incipient sericite alteration developed in matrix and fragments; locally, fragments indistinct due to hydrothermal		

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 2 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		sericite overprint						
		structure: bedding identified by alignment						
		of fragments and compaction structures						
		in matrix; matrix weak to moderately						
		foliated						
		bedding at 13.4 m: 52°/core axis						
		past 14.63 m: sericite overprint stronger;						
		fragments become less distinct						
		16.61-16.76 m: broken, white, drusy quartz						
		vein						
19.66-20.42	L.1	Feldspar crystal and lapilli tuff; unit char-						
		acterized by 20-30% white, sausuritized feld-						
		spars (serrated and shattered), 1-3 mm in						
		size; abundant chloritic quartz amygdules in						
		fragments and matrix; large volcanic fragments						
		up to a few cm in size evident; sericitic						
		overprint						
20.42-22.56	7	Pale to light green coarse fragmental and						
		foliated crystal tuff; fragments indistinct,						
		due to strong sericite overprint						
		20.42-21.13 m: 10-20% Po	081982	20.42-21.13	110	44	106	1286

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 3 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		21.13-22.56 m: 1-3% Po; poor recovery	081981	21.13-22	.56 80	138	375	957
		foliation at 21.9 m: 53°/core axis						
22.56-24.08	20	as 19.66-20.42 m; 2-3% Po locally evident	081980	22.56-24	.08 79	11	132	575
24.08-79.55	L.1	Coarse volcanic fragmental; moderate sericite						
		alteration; many fragments indistinct; abundant						
		quartz in fragments and matrix						
		27.74-28.19 m: white to light brown, well	081979	27.43-27	.74 107	51	212	1216
		foliated, silicified, sericitic quartz eye	081978	27.74-28	.19 99	3,300	11,200	1969
		tuff; 10-20% sulphides (Po,Py,Sph,Gn) as thin	081977	28.19-28	.50 116	93	215	788
		laminations (locally folded), thin, discon-						
		tinuous lines and disseminations; foliation						
		53°/core axis						
		past 39.3 m: unit darker green (less sericite);						
		fragmental texture more distinct; bombs						
		locally exceed 20 cm						
		Thin dense, thinly laminated (grey, pale						
		yellow and light green) tuff beds at 56.8 m						
		& 58.14 m						
		61.42-61.62 m: light green to grey tuff unit	081976	61.42-62	.28 90	3	71	1067

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 4 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		with abundant small quartz eyes; 5-20% dis-						
		seminated Po						
		61.62-62.28 m: light green, uniform feldspar						
		crystal tuff; 30% serrated feldspars;						
		2-3% Po						
		62.28-63.40 m: coarse fragmental with feld-	081975	62.28-63.40	59	19	73	574
		spar crystal tuffs interbeds; 2-5% Po						
		67.12-67.21 m: dense, thinly laminated (pale						
		yellow, grey light green), siliceous tuff						
		band 45°/core axis						
		past 70.7 m: unit lighter (stronger sericite						
		alteration); fragments bleached with less						
		distinct boundaries; abundant quartz in						
		fragments and matrix.						
		76.25-77.32 m: 2-4% Po	081974	76.25-77.32	84	23	117	424
		76.73-77.06 m: strong quartz/sericite						
		alteration zone with 10-20% Po						
79.55-81.69	L.1	Grey, siliceous, strongly sericitized coarse	081973	79.55-81.69	79	12	264	479
		fragmental; fragments bleached and indistinct;						
		minor sulphides						
81.69-82.30	L.1	Pale grey to pale green, fine-grained, strongly	081972	81.69-83.21	66	44	161	769

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 5 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		sericitized, well-foliated tuff; sulphide-rich						
		bands (Po, minor Sph, Gn) and laminations;						
		average sulphide content 7-10%; bedding 70°/						
		core axis						
82.30-83.21	L.1	Bleached, sericitized and silicified coarse						
		fragmental; 2-3% Po						
83.21-87.07	L.1	Pale green, strongly sericitic fine-grained,	081971	83.21-84.74	119	113	323	957
		well foliated tuff; L.0.5-15% Po & Py; minor	081970	84.74-87.07	94	7	94	724
		Sph & Gn locally evident						
		foliation at 86.0 m: 73°/core axis						
87.07-89.18	L.1	Pale green, highly sericitic, well foliated,	081969	87.07-89.18	56	900	3,300	643
		fine grained tuff, interlaminated and inter-						
		bedded with blue/grey cherty tuffite; zone						
		contains 20-30% sulphides (Po,Py,Sph,Gn) as						
		disseminations, sulphide-rich bands and massive						
		sulphide laminations and fragments; unit folded						
		and somewhat brecciated; cut by abundant, late						
		state, dense, orange carbonate veinlets						
89.18-90.37		Pale green strongly sericitic, well foliated,	081968	89.18-90.37	129	9	125	587
		fine-grained tuff; 2-3% finely disseminated Po						
90.37-90.98	L.1	As above with 20% white feldspar fragments,	081967	90.37-92.74	69	31	239	381

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 6 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		L. 0.5 to 1 mm in size; 3-5% Po						
90.98-92.74	L.1	Light green, well foliated, fine-grained,						
		sericitic tuff; lapilli size quartz fragments						
		localley evident; 5-10% Po ± Py						
92.74-97.70	L.1	Light greenish grey, strongly sericitized,	081966	92.74-95.4	66	16	89	169
		coarse fragmental; fragments bleached and	081965	95.4-97.70	54	3	110	191
		generally indistinct; minor sulphides						
97.70-100.64	L.1	Cream to pale green strongly sericitized, fine	081964	97.70-99.06	92	400	822	1215
		grained, well foliated tuff; 5-6% Po ± Sph,	081963	99.06-100.64	114	643	851	996
		Py,Gn,Cpy; sulphide rich sections with up to						
		20% total sulphides						
100.64-100.94	L.1	Medium to dark grey siliceous, carbonaceous	081962	100.64-100.94	112	600	3500	910
		tuff with 20-30% Po & Py with Sph & Gn						
100.94-101.8	L.1	Light to medium grey, sericitic, carbonaceous	081961	100.94-101.8	73	700	2200	731
		tuff; +10% Po, Py with Sph & Gn; foliation 73°/						
		core axis						
101.8-105.84	L.1	Pale green, fine-grained, sericitic tuff;	081960	101.8-104.04	96	21	119	540
		variable sulphide content from L.1% to +5%						
		102.11-102.57 m: feldspar crystal tuff						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 7 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		104.04-104.8 m: 20% Po,Py, with Sph & Gn	081959	104.04-104.8	63	700	2400	535
		blue/grey cast to unit						
			081958	104.8-105.84	87	216	717	595
105.84-107.82	L.1	Soft, pale green, fine-grained, sericitic	081957	105.84-107.82	96	97	352	436
		tuff; 20-30% white feldspar fragments, 1-3 mm						
		in size; a few grey carbonaceous laminations;						
		1-2% Po,Py with traces Sph, Gn						
		foliation at 107.3 m: 84°/core axis						
107.82-108.21	L.1	Light green, fine-grained, sericitic tuff;	081956	107.82-108.21	113	1035	2889	936
		5-15% Po, Py + Sph, Gn						
108.21-108.81	L.1	Light green soft sericitic crystal tuff; 20%	081955	108.21-110.03	78	30	112	497
		feldspar fragments 0.5-2 mm in size altered						
		to a dark waxy green color; 1-2% Po & Py						
108.81-110.03	L.1	Cream to buff colored, coarse granular feld-						
		sparthic unit; strong carbonate/sericite						
		alteration masks primary textures; L.1 to +3%						
		Py, Po						
110.03-112.62	L.1	Light greyish green coarse fragmental (?)	081954	110.03-112.62	112	33	159	340
		unit; strong carbonate/sericite alteration						
		masks primary textures						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-3 SHEET No. 8 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
112.62-114.76	15	Medium grey, fine-grained, well foliated,	081953	112.62-114.76	69	37	178	3,328
		sericitic, carbonaceous phyllite; 2-3% Py as						
		fine disseminations & large cubic porphyroblasts						
		foliation at 113.7 m: 68°/core axis						
114.76-115.83	40	Black argillite	081952	114.76-115.83	67	82	.806	4,122
115.83-119.18	90	Light greenish grey, very fine grained, hard,	081951	115.83-119.18	71	45	124	3,502
		siliceous sericitic tuff; 2-3% Py, Po; poor						
		recovery (tube not locked)						
		End of DDH-3						
		casing pulled						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia

HOLE No. DDH-4

DIP AND AZIMUTH TEST		
Meters	Corrected	
Footage	Angle	Azimuth
136.55	-52 1/2°	

Core Size NQ
Angle of Hole -45°
Claim Tia 1
Section
Bearing 142°

Total Depth 136.55 m
% Recovery
Elev. Collar 810 m approx.
Latitude 21+72 N
Departure 7+62 E

Sheet No 1 of 8
Logged by G. Belik
Date Begun Oct. 25, 1985
Date Finished Oct. 29, 1985
Core Stored At Kamloops

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE
Meters	Percent			
0-19.81	95	Overburden		
19.81-33.22	L.1-5	Light to medium green, andestitic, crystal and lapilli tuffs with thin interbeds of light green, very fine-grained, siliceous laminated tuff; coarser tuff units contain abundant large, serrated feldspar and chloritized pyroxene crystals within a fine-grained, foliated feldspar-chlorite-sericite groundmass; graded-type bedding locally evident; generally minor sulphides; occasionally bands with 1-3% disseminated Py & Po; a few sections with hematitic fractures		
		bedding at 22.25 m 56°/core axis		
33.22-60.35	L.1	Fine-grained, andesitic crystal tuff; similar to section above, but more uniform, lighter green, finer grained and well foliated; no distinctive bedding or fine-grained, laminated		

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 2 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
Meters	Percent							
		tuff interbeds						
		foliation at 42.67 m: 42°/core axis						
		47.85-56.39 m: 10-15% scattered, large (1-3						
		mm) altered pyroxene crystals; ground-						
		mass less chloritic, more feldspathic						
		foliation at 54.86 m: 56°/core axis						
		57.61-58.22 m: grey to light green moderately						
		sericitized section cut by numerous,						
		dense, cream colored, carbonate veins;						
		locally brecciated						
		58.22-60.35 m: abundant, stretched, dark						
		green, fine-grained mafic fragments up						
		to 2 cm wide and 5 cm long						
60.35-63.40	L.1	Greenish grey, laminated andesitic crystal						
		tuff; pyroxenes altered to chlorite & epidote;						
		fine-grained, grey moderately sericitized						
		matrix; progressively finer-grained and more						
		sericitic towards base; appearance of finely						
		disseminated Po & Py at 63.09 m.						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 3 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
3.40-64.26	L.1	Dark greenish grey, very fine-grained, well foliated tuff; flooded with very fine chlorite which may be secondary; 2-5% disseminated Po	082005	63.40-64	.26 26	15	71	811
64.26-65.69	L.1	White to pale green, fine-grained, sericitic phyllite; 20% finely disseminated Po & Py; foliation 40°/core axis	082004	64.26-65	.69 44	412	749	983
65.69-72.09	L.1	Medium to dark green well foliated chloritic tuff; most chlorite, which is very dark green, may be secondary foliation at 68 m: 51°/core axis						
72.09-74.63	5	White, siliceous, fine-grained rhyolite; sericitic, moderately well foliated; minor sulphides	082003	72.09-74	.63 10	20	119	540
74.63-77.72	5	Similar to above unit; softer, more sericitic well foliated; 2-6% Py as fine disseminations and thin, discontinuous laminations foliation at 75.9 m: 45°/core axis	082002 082001	74.63-76 76.51-77	.51 31 .72 36	94 118	193 86	1015 1134
77.72-80.49	25	White, vuggy, fractured sericitic quartz vein with pyritic sericitic phyllite inclusions	082000 081999	77.72-79 79.25-80	.25 14 .49 17	16 297	24 25	359 431

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 4 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		and bands; vein appears to be conformable to						
		main foliation; zone contains +70% quartz;						
		minor Gn locally evident						
80.49-83.90	10	White to pale grey/green, soft highly seri-	081998	80.49-82.30	64	44	88	2159
		citic unit; 2-8% Py as fine disseminations,	081997	82.30-83.90	83	95	170	1789
		thin laminations and large cubic porphyro-						
		blasts; broken sections with numerous thin						
		gouge seams; a few narrow vuggy quartz veins						
83.90-86.26	15	Broken, highly fractured white quartz (+car-	081996	83.90-86.26	16	4	180	535
		bonate) vein with abundant sericitic phyllite						
		inclusions; numerous gouge seams; locally						
		pyritic						
86.26-87.02	70	Fault zone; sheared, broken light green phyllite						
87.02-89.31	50	Light green well foliated, feldspar crystal						
		tuff; zone badly broken with poor recovery;						
		minor sulphides; at 89.31 m, gouge zone marks						
		fault contact with lower unit						
89.31-89.76	5	Resistant, white to pale green, siliceous,						
		sericitic unit (rhyolite?); quartz 'eyes'						
		locally evident; minor Py, trace Gn						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 5 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		foliation: 57°/core axis						
89.76-91.06	40	as 87.02 m - 89.31 m						
91.06-95.10	L.1	Resistant, white to cream colored sericitic rhyolite with scattered quartz eyes up to 3 mm in size; minor Py; sharp contact with overlying and underlying units						
95.10-97.69	L.1	Light to medium green, well foliated, siliceous, andesitic tuff; quartz eyes locally evident; minor Py; gradational with underlying unit						
97.69-98.15	L.1	as 91.06m - 95.10m						
98.15-98.40	90	Fault zone; some gouge recovered; most core lost						
98.40-105.06	L.1	Light green well foliated, andesitic crystal tuff; moderately sericitized						
		101.70-103.63 m: strongly sheared with numerous gouge seams parallel & cross-cutting foliation						
		foliation at 104.5 m: 52°/core axis						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 6 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
105.06-107.60	L.1	Light grey to pale green moderately to	081995	105.06-106.38	28	48	77	499
		strongly sericitized section; well foliated;	081994	106.38-107.60	26	79	113	552
		generally minor Py						
		105.31-105.56 m: 10-20% disseminated Py						
		106.53-106.83 m: 10-20% disseminated Py						
107.60-111.25		Light green, well foliated, moderately seri-	081993	107.60-111.25	21	14	131	424
		citized, andesitic(?) crystal tuff; minor						
		pyrite						
	70	109.12-111.25 m: poor recovery; tube not						
		locked						
111.25-118.26	L.1	Hard, siliceous, white to cream colored,						
	except	sericitic, quartz eye rhyolite; sections with						
	as noted	2-5% Py						
	75	111.25-111.86 m: poor recovery	081992	111.25-111.86	21	23	106	251
			081991	111.86-113.39	17	20	78	353
		113.39-113.79 m: Py-rich laminations; brec-	081990	113.39-113.79	22	48	63	394
		ciated						
	70	113.79-114.10 m: high core loss; core re-	081989	113.79-114.10	32	71	93	410

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 7 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		covered consists of partly brecciated rhyo-	081988	114.10-116.44	26	50	83	448
		lite with Py-rich laminations and fragments	081987	116.44-118.26	38	67	62	430
		past 113.08 m: broken sections with gouge						
		past 115.5 m: unit grades into quartz-sericite						
		schist with no distinctive quartz eyes						
		116.44-117.20 m: badly broken zone with gouge						
		and 60% quartz vein material						
118.26-122.53	40	White to cream colored, highly fractured,	081986	118.26-119.48	16	13	105	379
		siliceous, sericitic, rhyolitic tuff with	081985	119.48-121.01	23	177	261	451
		numerous thin gouge seams and zones parallel	081984	121.01-122.23	19	44	121	371
		and cross-cutting foliation; minor Py						
		foliation at 118.57 m: 45°/core axis						
		121.01-121.77 m: gouge zone						
		foliation at 121.9 m: 57°/core axis						
122.53-123.60	45	Gouge; strong fault zone	081983	122.23-123.60	24	104	480	354
123.60-136.55	L.1	Light green, foliated, andesitic crystal tuff;						

G. BELIK & ASSOCIATES LTD.

DIAMOND DRILL RECORD

PROPERTY Tia HOLE No. DDH-4 SHEET No. 8 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Meters	Percent							
		minor Py						
		foliation at 125.9 m: 55°/core axis						
		foliation at 132.6 m: 53°/core axis						
		at 132.89 m: 3-4 cm conformable quartz vein						
		with 30% brown Sph + Gn						
		End of DDH-4						
		casing pulled						

APPENDIX II

ASSAY CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: NOV 12 1985

DATE REPORT MAILED: Nov 20/85

ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 50ML OF 3-1-2 OF HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR.
AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .01%.
- SAMPLE TYPE: CORES AU* 10 GRAM REGULAR ASSAY BA* .1GM LIBO2 FUSION. 5% HNO3 LEACH & ICP ANALYSIS.

ASSAYER: ..D. Toye..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

G. BELIK FILE # 85-3078A

SAMPLE#	Cu %	Pb %	Zn %	Ag OZ/T	Au* FPB	Ba* PPM
81959	.01	.07	.24	.04	15	535
81961	.01	.07	.22	.05	5	731
81962	.02	.06	.35	.06	60	910
81969	.01	.09	.33	.05	4	643
81978	.01	.33	1.12	.07	7	1969
82006	.01	.15	.52	.04	2	12709
82007	.01	.17	.08	.05	3	31426
82012	.01	.10	.24	.10	3	804
82013	.01	.18	.74	.06	7	549
82017	.01	.07	.24	.03	2	762
82021	.01	.25	1.47	.06	9	493
82025	.01	.14	.72	.04	2	949
82027	.01	.22	.98	.13	2	518
82030	.01	.12	.47	.07	3	1705
STD R-1/AU 0.5	.89	1.37	2.41	2.97	510	-

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: NOV 12 1985

DATE REPORT MAILED: Nov 20/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. BA* .1GM LIBO2 FUSION. 5% HNO3 LEACH & ICP ANALYSIS.

ASSAYER: ..... DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

G. BELIK FILE # 85-3078 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB	Ba PPM
81951	71	45	124	.7	82	1	3502
81952	67	82	806	1.0	273	2	4122
81953	69	37	178	.3	25	2	3328
81954	112	33	159	.1	27	1	340
81955	78	30	112	.1	10	1	497
81956	113	1035	2889	.9	38	2	936
81957	96	97	352	.1	16	1	436
81958	87	216	717	.1	9	1	595
81960	96	21	119	.1	8	1	540
81963	114	643	851	.6	8	2	996
81964	92	400	822	.5	12	1	1215
81965	54	3	110	.2	11	1	191
81966	66	16	89	.1	20	1	169
81967	69	31	239	.1	23	2	381
81968	129	9	125	.1	6	1	587
81970	94	7	94	.1	8	1	724
81971	119	113	323	.3	14	1	957
81972	66	44	161	.1	13	1	769
81973	79	12	264	.3	16	2	479
81974	84	23	117	.2	16	1	424
81975	59	19	73	.2	6	1	574
81976	90	3	71	.1	3	2	1067
81977	116	93	215	.1	2	1	788
81979	107	51	212	.2	2	1	1216
81980	79	11	132	.3	7	1	575
81981	80	138	375	.1	9	1	957
81982	110	44	106	.2	4	7	1286
81983	24	104	480	.3	16	1	354
81984	19	44	121	.2	17	1	371
81985	23	177	261	.7	25	1	451
81986	16	13	105	.1	50	1	379
81987	38	67	62	.3	32	1	430
81988	26	50	83	.4	18	1	448
81989	32	71	93	.5	26	2	410
81990	22	48	63	.1	7	1	394
81991	17	20	78	.1	8	1	353
STD C/AU 0.5	60	38	137	7.0	39	490	-

G. BELIK FILE # 85-3078

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB	Ba PPM
81992	21	23	106	.1	21	2	251
81993	21	14	131	.1	39	4	424
81994	26	79	113	.4	8	1	552
81995	28	48	77	.3	7	1	499
81996	16	4	180	.1	7	2	535
81997	83	95	170	.5	6	1	1789
81998	64	44	88	.3	9	1	2159
81999	17	297	25	.8	6	1	431
82000	14	16	24	.2	20	2	359
82001	36	118	86	.3	14	2	1134
82002	31	94	193	.1	7	1	1015
82003	10	20	119	.2	8	1	540
82004	44	412	749	.8	5	3	983
82005	26	15	71	.1	7	1	811
82008	70	13	95	.1	7	1	6333
82009	89	232	915	.2	10	1	870
82010	83	697	1810	.5	8	4	766
82011	86	131	408	.2	18	2	552
82014	85	211	690	.4	17	1	211
82015	72	18	106	.1	13	1	272
82016	102	822	3234	.7	31	2	707
82018	73	55	181	.1	9	1	548
82019	92	19	107	.1	14	1	473
82020	86	861	4252	.8	82	4	473
82022	127	179	998	.2	54	1	587
82023	84	30	135	.1	19	1	479
82024	80	19	192	.1	13	1	711
82026	80	22	124	.1	8	2	1096
82028	110	27	94	.3	12	1	545
82029	120	74	223	.4	14	1	825
82031	89	6	79	.1	9	2	1763
STD C/AU 0.5	59	38	136	7.0	38	500	-

APPENDIX III

STATEMENT OF EXPENDITURES

Statement of Expenditures

Tia Project, October 9 to November 8, 1985

1) Labour:

G. Belik, M.Sc., Project Supervisor

1.0 days road layout (Aug. 29, 1985)
1.0 days road supervision (Sept. 27, 1985)
17.0 days drill supervision, core logging (Oct. 9,11-13,15-18,20-29, 1985)
19.0 days at $250/day $4,750.00

D. Arens, Assistant

(Oct. 28,30, Nov. 5-8, 1985)
5.0 days at $150/day 750.00

E. Lacasse, Cat Operator (Oct. 21-22, 1985)

- re completion of drill sites
- 24.0 hrs. at $21/hr. 504.00 $6,004.00

2) Road Construction Costs:

-re completion of 2.8 km of road for drill access

a. paid to D.R. Tremblay Contracting for contract logging and road construction (Sept. 17- Oct. 10, 1985) $9,763.50

b. paid to Geoquest Consulting for road supervision 1,494.80 11,258.30

3) Diamond Drill Costs

a. paid to Core Enterprises Ltd. for 1400 ft. of NQ drilling (Oct. 10-31, 1985) $23,400.00

b. paid to Band K Contractors Ltd. for rental of JD550 cat for drill moves during drilling program 2,928.00

c.	lowbed charges for hauling JD550 cat	330.00	
d.	truck rental (Oct. 9-31, 1985) 4X4 Jimmy -rental, mileage,gas, insurance maintanence	1,818.03	
e.	lodging and meals	798.47	
f.	misc. supplies, freight, long distance calls	303.20	$29,577.70

4) Geochemical Analyses & Assays 1,522.85

5) Report Preparation

-professional fees, drafting, secretarial, map prints, Xerox, binding 1,500.00

Total Herein $49,862.85

APPENDIX IV

STATEMENT OF QUALIFICATIONS:

G. D. Belik

GARY D. BELIK, M.Sc.
Consulting Geologist
Mineral Exploration

664 Sunvalley Drive
Kamloops, B. C. V2B 6S4

B.C. V2C 2P5 • PHONE (604) 374-4247

CERTIFICATE

I, GARY D. BELIK, OF THE CITY OF KAMLOOPS, BRITISH COLUMBIA,

DO HEREBY CERTIFY THAT:

(1). I am a member of the Canadian Institute of Mining and Metallurgy and a fellow of the Geological Association of Canada.

(2). I am employed by G. Belik and Associates Ltd. with my office at 664 Sunvalley Drive, Kamloops, B. C.

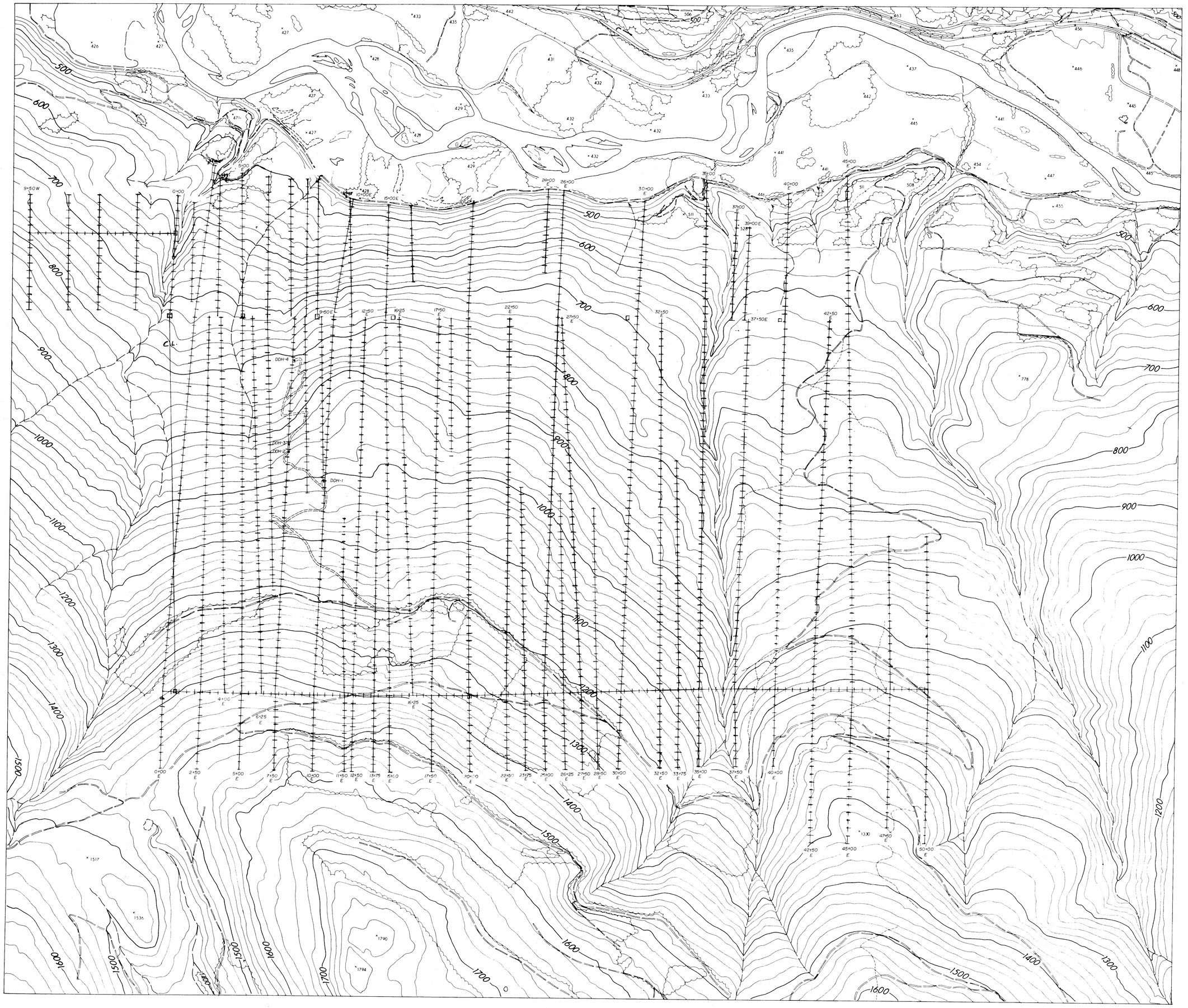
(3). I am a graduate of the University of British Columbia with a B.Sc. in Honors Geology and a M.Sc. in Geology.

(4). I have practised continuously as a geologist since May, 1970.

(5). This report is based on results of work carried out on the Tia claims, under my direct supervision during October 9 to November 8, 1985.

Gary D. Belik, M.Sc.,
GEOLOGIST

KAMLOOPS, B. C.
December 14, 1985



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,206

NU CROWN RESOURCES INC.

DIAMOND DRILL HOLE LOCATIONS

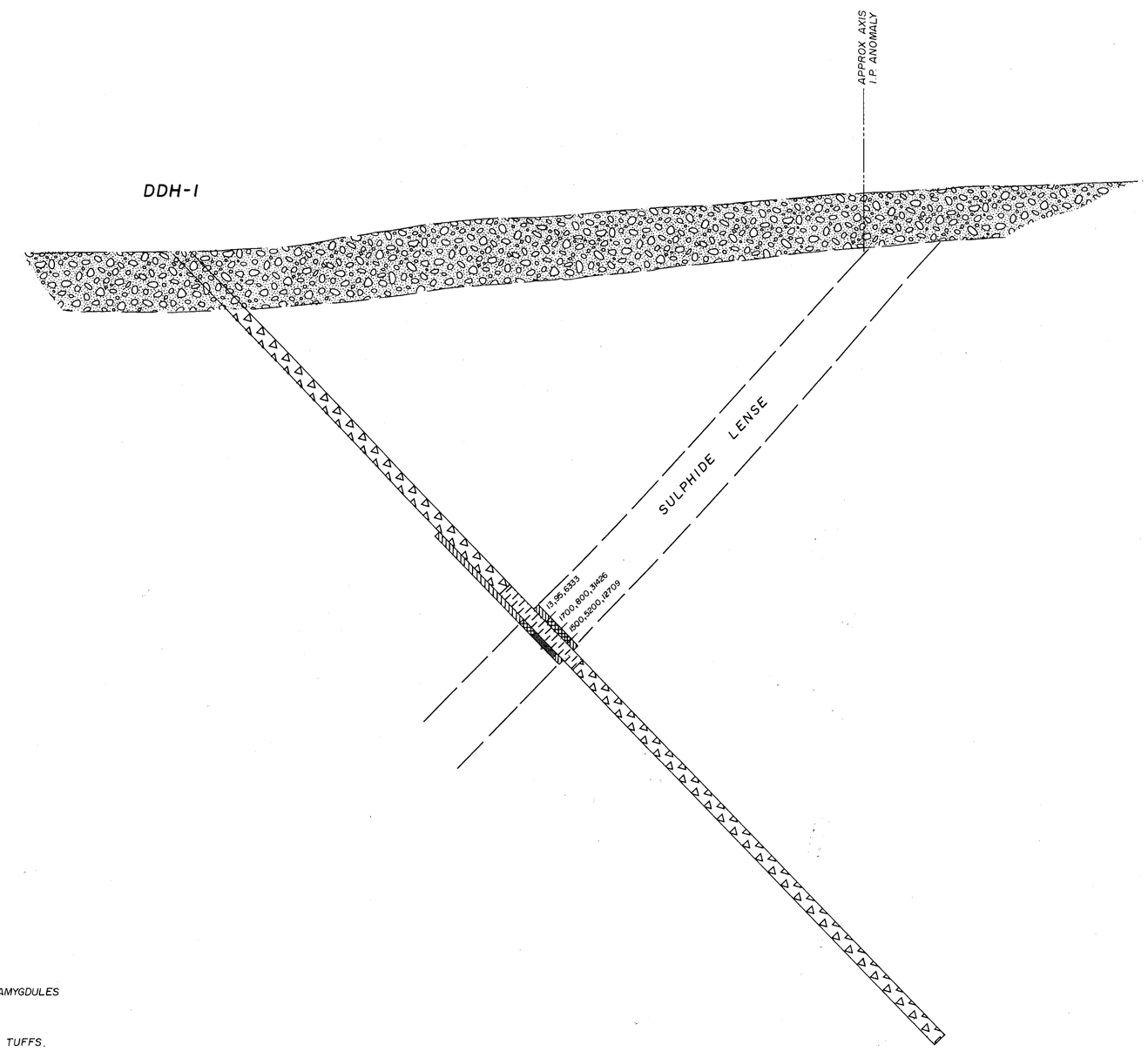
TIA CLAIMS

KAMLOOPS MINING DIVISION, B.C.

Tech. Work By: G. Belik and Associates Ltd.	Scale: 1:10,000 0 100 200m 400
Drawn By:	Date: Nov., 1985.
	Figure No. 1041-3

NORTH

SOUTH



LEGEND

- OVERBURDEN
- COARSE, INTERMEDIATE TO FELSIC AGGLOMERATE; QUARTZ AMYGDULES AND LAPILLI COMMON.
- MEDIUM TO DARK GREEN, ANDESITIC CRYSTAL AND LAPILLI TUFFS.
- LIGHT GREEN, FINE GRAINED, INTERMEDIATE TO FELSIC TUFF, QUARTZ EYES LOCALLY EVIDENT.
- COARSE, FELDSPATHIC CRYSTAL TUFF.
- LIGHT GREEN, DENSE, SILICEOUS TUFF.
- WHITE TO PALE GREEN, DENSE, SILICEOUS RHYOLITE, QUARTZ EYES LOCALLY EVIDENT.
- WHITE TO PALE GREEN, WELL FOLIATED, SERICITIC, RHYOLITIC TUFF.
- LIGHT TO DARK GREY, CARBONACEOUS TUFF.
- BLACK ARGILLITE
- LATE STAGE QUARTZ VEIN; COMMONLY VUGGY

SERICITE ALTERATION / LITHOLOGY / SULPHIDE CONTENT

WEAK	2-5%
MODERATE	5-15%
STRONG	>15%

ASSAY INTERVAL
ppm Pb, Zn, Ba

NU CROWN RESOURCES INC.

CROSS SECTION DDH-1

TIA CLAIMS

KAMLOOPS MINING DIVISION, BRITISH COLUMBIA.

Technical Work By: G. Belik and Associates Ltd.	Scale: 1:250 0 5m 10m
Drawn By: W.G.	Date: November, 1985.
	Fig. No. 1041-4

NORTH

SOUTH

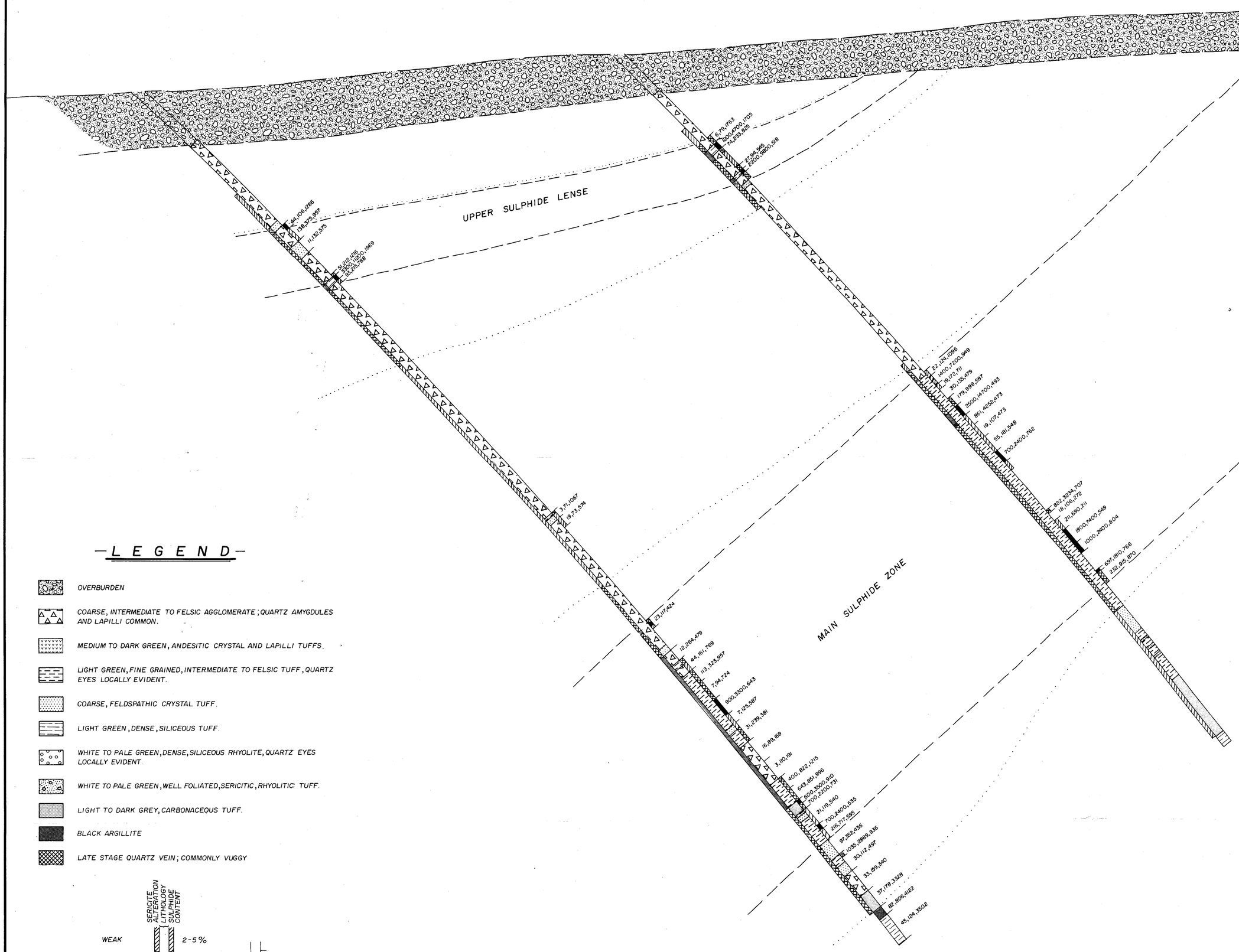
DDH-3

DDH-2

APPROX. AXIS STRONG I.P ANOMALY

UPPER SULPHIDE LENSE

MAIN SULPHIDE ZONE



—LEGEND—

- OVERBURDEN
- COARSE, INTERMEDIATE TO FELSIC AGGLOMERATE; QUARTZ AMYGDULES AND LAPILLI COMMON.
- MEDIUM TO DARK GREEN, ANDESITIC CRYSTAL AND LAPILLI TUFFS.
- LIGHT GREEN, FINE GRAINED, INTERMEDIATE TO FELSIC TUFF, QUARTZ EYES LOCALLY EVIDENT.
- COARSE, FELDSPATHIC CRYSTAL TUFF.
- LIGHT GREEN, DENSE, SILICEOUS TUFF.
- WHITE TO PALE GREEN, DENSE, SILICEOUS RHYOLITE, QUARTZ EYES LOCALLY EVIDENT.
- WHITE TO PALE GREEN, WELL FOLIATED, SERICITIC, RHYOLITIC TUFF.
- LIGHT TO DARK GREY, CARBONACEOUS TUFF.
- BLACK ARGILLITE
- LATE STAGE QUARTZ VEIN; COMMONLY VUGGY

SERICITE ALTERATION
LITHOLOGY
SULPHIDE CONTENT

WEAK	2-5%
MODERATE	5-15%
STRONG	>15%

ASSAY INTERVAL
ppm Pb, Zn, Ba

NU CROWN RESOURCES INC.

CROSS SECTION
DDH-2, DDH-3
TIA CLAIMS

KAMLOOPS MINING DIVISION, BRITISH COLUMBIA.

Technical Work By: G. Belik and Associates Ltd.
Drawn By: W.G.
Scale: 1:250 0 5m 10m
Date: November, 1985.
Fig. No. 1041-5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

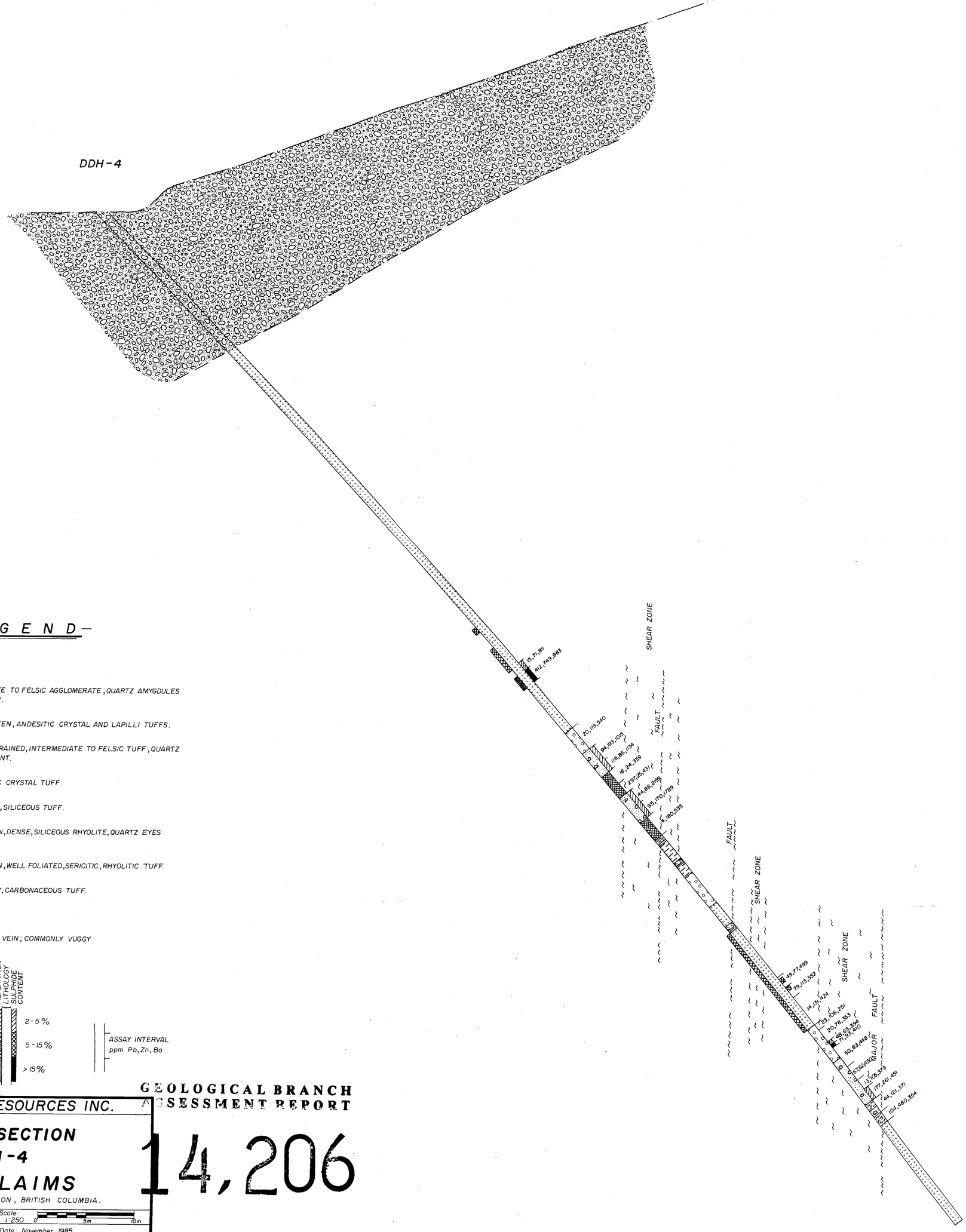
14,206

NORTHWEST

SOUTHEAST

APPROX TRACE OF AXIS OF STRONG VLF-EM CONDUCTOR AND STRONG I.P. ANOMALY

DDH-4



—LEGEND—

- OVERBURDEN
- COARSE, INTERMEDIATE TO FELSIC AGGLOMERATE; QUARTZ AMYGDULES AND LAPILLI COMMON.
- MEDIUM TO DARK GREEN, ANDESITIC CRYSTAL AND LAPILLI TUFFS.
- LIGHT GREEN, FINE GRAINED, INTERMEDIATE TO FELSIC TUFF, QUARTZ EYES LOCALLY EVIDENT.
- COARSE, FELDSPATHIC CRYSTAL TUFF.
- LIGHT GREEN, DENSE, SILICEOUS TUFF.
- WHITE TO PALE GREEN, DENSE, SILICEOUS RHYOLITE, QUARTZ EYES LOCALLY EVIDENT.
- WHITE TO PALE GREEN, WELL FOLIATED, SERICITIC, RHYOLITIC TUFF.
- LIGHT TO DARK GREY, CARBONACEOUS TUFF.
- BLACK ARGILLITE
- LATE STAGE QUARTZ VEIN; COMMONLY VUGGY

SERICITE ALTERATION / LITHOLOGY / SULPHIDE CONTENT

WEAK	2-5%
MODERATE	5-15%
STRONG	>15%

ASSAY INTERVAL
ppm Pb, Zn, Ba

NOTE: ORIENTATION OF FAULTS AND SHEAR ZONES UNCERTAIN, PLOTTED AS SHOWN FOR ILLUSTRATION ONLY

NU CROWN RESOURCES INC.

CROSS SECTION DDH-4 TIA CLAIMS

KAMLOOPS MINING DIVISION, BRITISH COLUMBIA.

Technical Work By: G. Belik and Associates Ltd.	Scale: 1:250 (0, 5m, 10m)
Drawn By: W.G.	Date: November, 1985.
	Fig. No. 1041-6