

85-1176-14341

12/26

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES	
Rec'd	MAR 10 1985
SUBJECT	_____
FILE	_____
VANCOUVER, B.C.	

ASSESSMENT REPORT
ON
GEOLOGICAL AND GEOCHEMICAL WORK
ON THE FOLLOWING CLAIMS

SKY ANNEX 4705(12)
 RED REEF 1145(2)
 RED REEF NO. 4 1937(12)
 RED REEF NO. 1 ~~1950~~(12)
 1950

located

1 KM EAST OF
 STEWART, BRITISH COLUMBIA
 SKEENA MINING DIVISION

55 degrees ^{55.5} minutes latitude
~~55~~ degrees 58 minutes longitude
 129

FILMED

N.T.S. 103P/13W

PROJECT PERIOD: Sept. 2 - Oct. 27, 1985

ON BEHALF OF **GEOLOGICAL BRANCH**
ASSESSMENT REPORT
 OWNER: TEUTON RESOURCES LTD.
 OPERATOR: VANCOUVER, B.C.

REPORT BY

D. Cremonese, P. Eng
 200-675 W. Hastings
 Vancouver, B.C.

14,341

Date: March 7, 1986

TABLE OF CONTENTS

	Page
1. INTRODUCTION	1
A. Property, Location, Access and Physiography	1
B. Status of Property	1
C. History	1
D. References	2
E. Summary of Work Done	3
2. TECHNICAL DATA AND INTERPRETATION	3
A. Geology	3
B. Mineralization	4
C. Geochemistry	7
D. Field Procedure and Laboratory Analysis	8
E. Conclusions	8
APPENDICES	
I Work Cost Statement	
II Certificate	
III Assay Certificates	
ILLUSTRATIONS	
Fig. 1 Location Map	Report Body
Fig. 2 Claims Map	Report Body
Map 3 Sample Location Map	Map Pocket
Map 4 Geochemistry - Au, Ag	Map Pocket
Map 5 Geochemistry - Cu, Pb, Zn	Map Pocket
Map 6 Soil geochemistry - Au, Ag, Cu, Pb, Zn	Map Pocket

1. INTRODUCTION

A. Property, Location, Access and Physiography

The claims are situated on the western flank of Mount Rainey, directly opposite the town of Stewart. Elevations vary from approximately 200m on the Red Reef claim to 1,700m on the Sky Annex claim. Virtually the entire claim area is characterized by steep rugged topography. A thick forest of spruce and balsam blankets the lower regions of the property, thinning out gradually at higher altitudes. The topmost section features cliffs and screes capped by a permanent icefield.

Climate is typical of the north coast mountains -- frequent precipitation throughout the year with heavy snowfalls in winter.

Transportation of personnel and supplies to Stewart is effected either directly from Vancouver via the B.C. highways network or indirectly from the nearest jet airport at Terrace. Ocean-going vessels occasionally service Stewart by means of the Portland Canal, a long narrow fiord.

Current access to higher levels of the property is by helicopter from the main base situated in the shadow of Mount Rainey on the west bank of the Bear River. Lower levels are accessed by foot, beginning either with a boat crossing over the Bear River or a detour across the Bear River Bridge and thence along an old trail south along the eastern bank.

B. Status of Property

Relevant claim information is summarized below:

Name	Record No.	No. of Units	Record Date
Sky Annex	4705	8	December 10
Red Reef	1145	6	February 19
Red Reef No. 4	1937	1	December 21
Red Reef No. 1	1950	1	December 21

The claims are shown on Fig. 2.

C. History

Earliest recorded work on the property occurred in the area covered by the Red Reef claim, concentrating on silicified zones in Hazelton volcanic rocks near their contact with the Hyder quartz monzonite/hornblende diorite intrusive. Investigation of these zones by trenching and drifting has proceeded at irregular intervals up to the present date. Gold values associated with



TEUTON RESOURCES CORP.			
PROPERTY LOCATION MAP			
DRAWN	PROJECT	DATE	FIG. 1

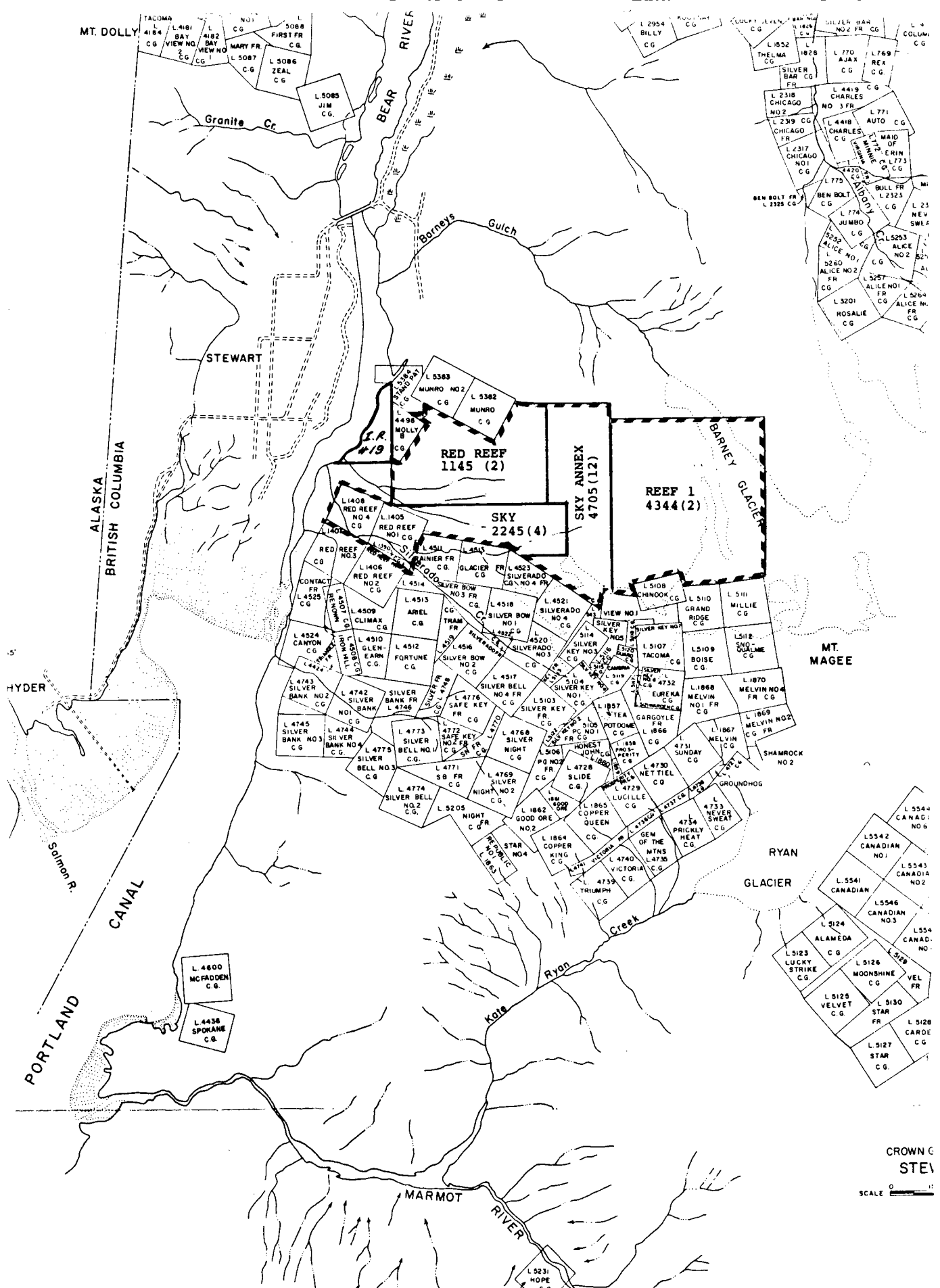


FIG. 2 CLAIMS MAP
 N.T.S. 103P/13W
 Scale 1:50,000

CROWN C
 STEV
 SCALE 0 10

copper mineralization were reported from work carried out in the 1930's.

At higher elevations, in the vicinity of the Silverado mine just southwest of the Sky Annex claim, work carried out in the 1940's resulted in the discovery of high-grade silver mineralization in shear zones in Hazelton volcanic rocks. Two old producers in the area (southeast of the property) are currently the subject of an intensive exploration program by Teck Corp., optionee of the old Prosperity/Porter Idaho and Silverado mines from Pacific Cassiar Limited.

Assessment work carried out in 1984 over portions of the property consisted of an airborne Mag and EM survey. The survey was useful in defining contacts between rock types but otherwise did not assist in identification of mineralized zones of economic interest.

D. References

1. ALLDRICK, D.J. (1984): Geological Setting of Precious Metal Deposits in the Stewart Area, Paper 84-1 -- Geological Fieldwork 1983, B.C.M.E.P.R.
2. ALLDRICK, D.J. and KENYON, J.M. (1984): The Prosperity/Porter Idaho Silver Deposits, Paper 1984-1 -- Geological Fieldwork 1983, B.C.M.E.P.R.
3. CREMONESE, D., P.ENG., and SHELDRAKE, R.F. (1985): Assessment Report on Geophysical Work on the Following Claims -- Red Reef, Sky & Reef 1. (On file with the B.C.M.E.P.R.)
4. CRUZ, E.D. (1980): Examination Report on the Red Reef Mineral Property, a corporate report for Komody Resources Ltd.
5. GROVE, E.W. et al (1982): Unuk River - Salmon River - Anyox Area. Geological mapping 1:100,000, B.C.M.E.P.R.
6. GROVE, E.W. (1971): Geology of Mineral Deposits of the Stewart Area, Bulletin 58, B.C.M.E.P.R.
7. STACEY, N.W. (1985): Geological Report on the "Mount Rainey Property", a corporate report for Teuton Resources Corp.
8. Annual Reports of the Minister of Mines (British Columbia): 1913 - p. K89; 1928 - p. C97; 1937 - pp. B4-B7; 1947 - pp. A74-A78.
9. The Northern Miner: January 17, 1985, p.A1; January 24, 1985, p. 20.

E. Summary of Work Done.

Work was carried out on Sept. 2, 1986 and also during the period Oct. 14-17, 1986 by a field crew consisting of geologists Chris Hrkac, Susan Bishop and geological assistant, Jacob Herrero. This work formed part of a four month assessment work program by operator Teuton Resources Corp.'s on certain Stewart area claim groups and was conducted under the supervision of the author. Base camp in Stewart was established on the second floor of a house rented from J. Foerster. The crew was mobilized from Vancouver by truck early in the season and demobilized at the end of October, 1986. Mr. Hrkac had previously worked for several field seasons on many different properties in the Stewart area, primarily while in the employ of Esso Minerals Canada.

On Sept. 2, C. Hrkac and J. Herrero investigated the upper reaches of the property north of the Silverado glacier using mountaineering equipment (both are experienced climbers who had earlier climbed the highest peak in China). Several intriguing silver-bearing mineral occurrences were noted. During the period Oct. 14-17, the crew carried out reconnaissance geological and geochemical investigations of the lower portions of the property a few hundred meters above the Bear River. Soil samples, rock character samples, and heavy mineral stream sediment samples were taken. Several zones of gold-copper mineralization were noted. Geological observations were hampered by recurring snowfalls which came a little earlier than expected for the low elevation involved. Samples were analysed by both Acme Analytical Labs and Min-En Labs.

Geochemical/geological information presented in this report is derived largely from discussions with, and reference to the field notes of, C. Hrkac and S. Bishop.

2. TECHNICAL DATA AND INTERPRETATION

A. Geology

The property is underlain by Lower Jurassic volcanics and sediments of the Unuk River Formation. To the east these rocks are overlain, at times unconformably, by Middle Jurassic sediments of the Salmon River Formation. To the north, south and west, the Unuk River Formation is bounded by Cenozoic quartz diorite intrusives. Jurassic aged southeast-northwest trending zones of schists, semi-schists, gneiss, cataclastites and mylonites also occur within the area.

The dominant rock type within the claim area consists of tuffaceous rocks of the Unuk River Formation. These tuffs are homogeneous throughout the lower section of the property. At

higher elevations, tuffaceous volcanic breccias, at times cut by various dykes, are also apparent.

A large fault trends up Silverado Creek and terminates near the axis of a north-northwesterly trending overturned syncline.

The interested reader is referred to the 1985 assessment report (Ref. 3) for a more detailed description of the property geology. [Although a detailed geological mapping program was planned as part of the 1985 assessment work, prevailing snow conditions made this impossible].

B. Mineralization

The most pervasive form of mineralization observed in the lower lying portions of the property consisted primarily of disseminated pyrite and pyrrhotite in tuffaceous rocks. Several samples of this type were taken at various sites, however, no economic concentrations of minerals were noted.

Localized mineralization occurring in shear zones and quartz veins was also observed within the tuffaceous rocks. Samples from the shear zones contained chalcopyrite, pyrrhotite, pyrite, malachite, azurite, bornite, molybdenite, scheelite and garnet. Gold values ranged from 0.049 to 0.245 oz/ton, silver values from 0.93 to 3.65 oz/ton. Copper values ranged up to 1.91%. The majority of these samples were taken from old adits and trenches put in by oldtimers to test grade and extent of the shear zones.

Mineralization in the quartz veins was somewhat dissimilar: pyrite, pyrrhotite, magnetite and minor arsenopyrite. All of the veins sampled which were of significant width appeared to have been previously worked. Gold values ranged from 0.001 oz/ton to 0.015 oz/ton, silver values from 0.03 to 0.07 oz/ton. Arsenic values ranged to 0.13%.

In the upper reaches of the property (north of the tongue of the Silverado Glacier), several samples of galena-rich quartz vein material were taken. Silver values from veins in place ranged from 0.38 oz/ton to 29.94 oz/ton (Sample #'s 9415 - 9416: veins were all of small dimension). The highest silver value obtained, 70.0 oz/ton, came from a massive galena float boulder discovered on a cliff face just to the north of Silverado Creek (Sample # 9419). An attempt to find the source of the sample was unsuccessful. The area in question was quite steep requiring careful traversing and mountaineering equipment.

Sample locations are shown on Fig. 3. Gold and silver values are presented on Fig. 4 and copper, lead and zinc values on Fig. 5. Values for other elements tested, but not considered

important enough to warrant inclusion on the figures, are available for reference in the appended Assay Certificates.

SAMPLE NOTES (LOWER ELEVATIONS ONLY):

9465 -- Sub-angular float boulder, quartz-rich (vein-like), chloritic altered volcanic. Contains chalcopyrite and pyrrhotite, disseminated and as stringers.

9466 -- Subcrop consisting of a hornfelsed sediment with pyrite occurring throughout as discontinuous stringers.

9467 -- Subcrop of silicified volcanic with disseminated pyrite and pyrrhotite.

9468 -- Subcrop of silicified volcanics, some quartz veining with pyrite, pyrrhotite and chalcopyrite. [about 25-50m to the north is a small granitic intrusive plug -- possible heat source for surrounding alteration, e.g., hornfels].

9469 -- Slightly altered volcanic sediment (minor chlorite and hornfels) with discontinuous stringers of pyrite and finely disseminated pyrrhotite (highly magnetic). Rusty weathering (limonite, jarosite, goethite) dark grey to light green on fresh surfaces.

9470 -- Slightly hornfelsed volcanic sediment, well foliated in places. Black on fresh surface with some brown tinge. Minor disseminated pyrite and unidentified metallic black mineral (biotite?).

9471 -- From inside Red Reef adit. Quartz vein with blebs and stringers of chalcopyrite. Also has pyrrhotite disseminated finely throughout and in small blebs. Occasional massive chalcopyrite. Taken at very end of adit on southwest wall.

9472 -- From rusty coloured block on adit floor. Has both malachite and azurite staining, fresh surface reveals minor amounts of chalcopyrite. Host rock a volcanic with quartz carbonate alteration. From 2/3 of the way into adit.

9473 -- Taken from the first 1/3 of the adit walls -- rock is rusty weathering volcanic. Fresh surface reveals quartz carbonate alteration in places. Mineralogy includes chalcopyrite, pyrite, pyrrhotite, malachite, azurite and bornite, garnets (red up to 2 cm in size) and an unidentified white-silvery metallic mineral. General impression - skarn-type mineralogy.

9474 -- From old trench. Rock is well-layered (bedding) with volcanic sediments or layered volcanics. Pyrite (very fine grained) is disseminated throughout and occurs as small stringers. Pyrrhotite also disseminated, finely and in blebs.

9475, 9476 -- From the dump of an adit started but never drifted on. Samples are from a quartz vein containing mineralization that appears to be directly associated with volcanic wall rock that was incorporated in the vein, the rest appears to be bull quartz mineralization including pyrite, pyrrhotite, magnetite and an unidentified silver-coloured mineral (arsenopyrite?).

9477 -- From Oral M adit, front section. Quartz vein in wall with minor pyrite and chalcopyrite. Pyrite occurs as disseminated blebs, chalcopyrite as patches along small fractures.

9478 -- From Oral M adit floor. Silicified green volcanic (tuffs?) with disseminated blebs of chalcopyrite, some minor pyrite. NOTE -- 10m into adit, passage is partially blocked by fallen rock. Further entrance would require hip waders.

9479 -- From 8m long adit located at 10m higher elevation from Oral M adit. Sample represents grab throughout entire adit length of silicified green to purple volcanics with quartz rich sections containing bands of chalcopyrite blebs; some disseminated chalcopyrite occurs in host rock. Also noted, coarse grained lime beds (no matrix) and limonite, goethite, malachite and azurite.

9480 -- Sampled from the base of the Red Reef adit, that is, the dump material. Chalcopyrite occurs in bands, blebs and stringers.

9481 -- Sampled outcrop on south side of creek in volcanic sediments with pyrite and pyrrhotite in stringers and disseminated throughout.

9482 -- Subcrop of volcanic sediments featuring quartz veining. Contains pyrite, chalcopyrite and pyrrhotite in stringers, blebs and loosely disseminated.

9483 -- From 3m higher than #9482. Outcrop of volcanic sediments with quartz vein containing same mineralization as #9482.

9484 -- Silverado Creek gully. Volcanic sedimentary country rock that is locally deformed (sinuous appearance). Sample contained pyrite, pyrrhotite, chalcopyrite, garnet and molybdenite.

9485 -- Same location as #9484. Sample richer in chalcopyrite, also contains pyrite, pyrrhotite and garnet.

9486 -- Silverado Creek canyon in vicinity of large biotite granite intrusion. Sample from vein (zone?) containing quartz with pyrite and molybdenite.

9487 -- From area of large bluff. Much garnet development along seams, area in general heavily altered. One speck of chalcopyrite observed in sample, possibly contains tungsten minerals.

C. Geochemistry

(i) Heavy mineral stream sediment samples -- Five heavy mineral samples were taken from streams draining the western slopes of Mount Rainey. These samples were taken on a reconnaissance basis in order to determine whether anomalous concentrations could serve as pathfinders to undetected mineralized zones. Sample location sites are shown on Fig. 3. Gold and silver values are plotted on Fig. 4 and copper, lead and zinc values on Fig. 5.

With only five samples in the set, it was not possible to make any kind of statistical determination as to threshold and/or anomalous levels. However, comparisons based on reference to other heavy mineral stream sediment surveys in the general Stewart area allow the following observations: Samples S-18 and S-20 appear to be anomalous in gold, registering 20,000 ppb and 3,100 ppb, respectively -- the former could, in fact, be characterized as "highly" anomalous; Sample S-20 (from Silverado Creek) is exceptionally anomalous in silver, registering 294.3 ppm, and shows corresponding elevated levels of lead, 1539 ppm, and zinc, 1906 ppm -- suggesting the presence of important silver - lead - zinc mineralized structures further up the creek (in all likelihood from the Silverado shear system postulated as the extension of the prolific Prosperity/Porter Idaho silver - lead - zinc deposits); Copper values are only slightly elevated and show a somewhat even distribution, in line with the field observations linking chalcopyrite mineralization to zones along the north-south running contact.

(ii) Soil samples -- Twenty-five reconnaissance soil samples were taken in a zig-zag traverse in the vicinity of the copper-gold bearing shear zones in the lower elevations of the property (see Fig. 3). Values for gold, silver, copper, lead and zinc have been plotted on Fig. 6. The interested reader is referred to the assay certificate in the Appendix for values of several other elements assayed for but not considered significant enough to warrant plotting.

The precious metals, gold and silver, showed a rather flat distribution with no "highs" warranting special attention (the same remarks concerning the small size of the sample set in the section on the heavy mineral samples are also valid here). Gold ranged from 5 to 40 ppb parts per billion and silver from 0.3 to 2.5 ppm. Of the base metals, arsenic and copper showed the best distribution profiles, the former varying from 1 ppm to 91 ppm and the latter from 6 to 553 ppm.

D. Field Procedure and Laboratory Analysis

Rock samples were analysed by Acme Analytical Laboratories of 852 E. Hastings Street, Vancouver, B.C.. Preparations for the 16 element multi-assay included: digestion of a representative 1.00 gm sample with 50 ml of 3-1-2 HCl-HNO₃-H₂O at 95 deg C for one hour followed by dilution to 100 ml with water. This method is reportedly sensitive to 0.01% for base metal detection upon subsequent atomic absorption analysis. Golds were treated separately by subjecting representative 10 gm samples to standard fire-assay preconcentration techniques to produce silver beads which were then dissolved prior to AA analysis.

Soil samples were collected in the field using a mattock to dig to the "B" horizon. In general this horizon was poorly developed, not untypical of alpine terrain in the Stewart area. Samples were collected in individual standard kraft bags. Heavy mineral stream sediment samples were collected in the field using a gold pan specially adapted for the purpose. These samples were also placed in individual standard kraft bags. Both the soil and heavy mineral samples were analysed by Min-En Laboratories of North Vancouver, B.C.. Preparation for the heavy mineral samples included separation of the heavy mineral fraction by specific gravity flotation. Representative amounts of both soil and heavy mineral samples were then subjected to 30 element analysis using standard Inductively Coupled Argon Plasma techniques. Golds were analysed separately by atomic absorption after pre-treatment with aqua regia solutions.

E. Conclusions

Although the scope of the planned program was curtailed by snowfalls in late October, the 1985 assessment work uncovered much useful information. A cursory investigation of the property just north of the old "Silverado" showings on Pacific Cassiar ground revealed several well-mineralized silver-bearing veins. The discovery of high-grade float in the vicinity of these veins not only confirmed values reported by previous explorers but also gave credence to the supposition that Prosperity/Porter Idaho type shear systems may yet be located in the area. The more thorough reconnaissance of the lower levels of the property also confirmed work by oldtimers: several well-defined shear systems along the contact zone showed good potential for hosting economic copper-gold mineralization. The highly anomalous heavy mineral stream sediment sample that registered 20,000 ppb in gold also augurs well for the location of an as yet undetected gold-bearing mineralized zone upstream, possibly within the property boundaries.

Careful follow-up work is warranted to test both the contact related gold-copper mineralization at lower levels and the

silver-lead-zinc shear zones/veins at higher levels. Initial work should concentrate on base-map preparation augmented by air photo enlargements and stereoset and fracture analysis. Thereafter systematic prospecting, sampling and geological mapping will be necessary in order to establish a framework for further exploration. Although the property is excessively steep in places, a baseline should be put in to establish ground control. Surveys may also be required in several areas to determine property boundaries (particularly around the Oral M adit and Silverado Mine shears). Two or three helipads should also be constructed in order to facilitate transport of heavy items necessary for blast trenching. Experienced mountaineering personnel will be required to test promising zones of ablation just north of the known shear zones on the Pacific Cassiar ground in the vicinity of the Silverado Glacier.

Respectfully submitted,



D. Cremonese, P.Eng.
March 7, 1986

APPENDIX I --- WORK COST STATEMENT

Field Personnel:

C. Hrkac, Geologist - Sept. 2, Oct. 14, 21, 24 4 days @ \$200/day	\$	800
S. Bishop, Geologist - Oct. 20, 21, 24, 27 4 days @ \$200/day		800
J. Herrero, Assistant - Sept. 2, Oct. 20, 21, 27 4 days @ \$100/day		400

NOTE: Period Oct. 14-27, 1985 --- most days crew on standby because of bad weather.

Helicopter - Vancouver Island Hel./Stewart base Sept. 2 --- 0.4 hrs @ \$616/hr.		247
--	--	-----

Food --- 12 man-days @ \$30/man-day		360
-------------------------------------	--	-----

Field supplies --- sample bags, ribbon, etc.		25
--	--	----

Base camp/Stewart accomodation: Sept. 2, Oct. 14-27 15 days @ \$10/day		150
---	--	-----

Truck rental - 15 days @ \$20/day (all-found)		300
---	--	-----

Crew -- Mob/demob Vancouver-Stewart-Vancouver 10% of \$2800		280
--	--	-----

Assays

28 -- 16 element ICP assay @ \$20/unit (Acme)		560
28 -- rock sample preparation @ \$2.75 (Acme)		77
25 -- soil geochem, 32 elem. ICP, Au @ \$12 (Min-En)		300
25 -- soil sample prep. @ \$0.85 (Min-En)		21
5 -- heavy min. flotation prep. @ \$20 (Min-En)		100
5 -- heavy min., 32 elem. ICP, Au @ \$12 (Min-En)		60

Report Costs

Preparation and compilation, maps and report D. Cremonese, P.Eng. -- 2 days @ \$300/day		600
Draughting - F. Chong		150
Word processor, 4 hrs @ \$25/hr.		100
Copies, xerox, blow-ups, jackets, etc.		60

TOTAL	\$	<u>5,390</u>
-------------	----	--------------

APPENDIX II - CERTIFICATE

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at Suite 200--675 W. Hastings, Vancouver, B.C.
2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).
3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.
4. I have practiced my profession since 1979.
5. This report is based upon work carried out on the Red Reef Group mineral claims, Skeena Mining Division, in September and October of 1985.
6. I am a principal of Teuton Resources Corp., operator of the work program on the Red Reef Group claims: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 7 day of March, 1986.



D. Cremonese, P.Eng.

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: ROCK CHIPS AU: 10 GRAM REGULAR ASSAY

DATE RECEIVED: NOV 19 1985 DATE REPORT MAILED: *Nov. 21/85* ASSAYER: *J. Saundry* DEAN TOYE OR TOM SAUNDY, CERTIFIED B.C. ASSAYER

TEUTON RESOURCES FILE # 85-3146

PAGE 1

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag OZ/T	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au OZ/T
09465	.001	.04	.01	.01	.01	.01	.01	.05	3.93	.01	.002	.01	.010	.010	.010	.001
09466	.001	.01	.01	.01	.02	.01	.01	.11	6.50	.01	.002	.01	.010	.010	.010	.001
09467	.001	.01	.01	.01	.01	.01	.01	.02	4.30	.01	.002	.01	.010	.010	.010	.001
09468	.001	.01	.01	.01	.01	.01	.01	.03	2.52	.01	.002	.01	.010	.010	.010	.001
09469	.001	.09	.01	.01	.05	.01	.01	.04	8.69	.01	.002	.01	.010	.010	.010	.002
09470	.001	.01	.01	.01	.01	.01	.01	.09	6.05	.01	.002	.01	.010	.010	.010	.001
09471	.001	1.16	.01	.04	1.28	.01	.01	.02	4.58	.01	.002	.01	.010	.010	.010	.049
09472	.001	.57	.01	.01	.93	.01	.01	.02	3.44	.01	.002	.01	.010	.010	.010	.108
09473	.001	1.91	.01	.22	3.65	.01	.01	.03	8.96	.01	.002	.01	.010	.010	.010	.130
09474	.001	.03	.01	.02	.07	.01	.01	.01	4.60	.01	.002	.01	.010	.010	.010	.001
09475	.001	.02	.01	.01	.03	.01	.01	.07	4.69	.13	.002	.01	.010	.010	.010	.001
09476	.001	.01	.01	.01	.07	.01	.01	.01	3.93	.05	.002	.01	.010	.010	.010	.015
09477	.001	.08	.01	.01	.44	.01	.01	.01	1.11	.01	.002	.01	.010	.010	.010	.101
09478	.001	1.54	.01	.05	1.59	.01	.01	.01	4.33	.01	.002	.01	.010	.010	.010	.245
09479	.001	1.42	.01	.03	.82	.01	.01	.09	4.51	.01	.002	.01	.010	.010	.010	.059
09480	.001	1.85	.01	.03	1.39	.01	.01	.03	6.07	.01	.002	.01	.010	.010	.010	.096
09481	.001	.03	.01	.01	.05	.01	.01	.06	7.29	.01	.002	.01	.010	.010	.010	.004
09482	.001	.03	.01	.01	.04	.01	.01	.02	3.07	.01	.002	.01	.010	.010	.010	.001
09483	.001	.02	.01	.01	.04	.01	.01	.03	3.34	.01	.002	.01	.010	.010	.010	.001
09484	.022	.03	.01	.08	.01	.01	.01	.10	4.93	.01	.002	.01	.010	.010	.010	.001
09485	.006	.38	.01	.02	.09	.01	.01	.04	16.27	.01	.002	.01	.010	.010	.010	.001
09486	.212	.01	.01	.01	.01	.01	.01	.01	.55	.01	.002	.01	.010	.010	.010	.001
09487	.002	.01	.01	.01	.01	.01	.01	.07	2.32	.01	.002	.01	.010	.010	.010	.001
STD R-1	.090	.89	1.37	2.38	2.98	.03	.02	.08	7.01	.91	.015	.01	.040	.170	.030	-

TEUTON RESOURCES FILE # 85-2250A

PAGE 2

SAMPLE #	Mb %	Cu %	Pb %	Zn %	Ag OZ/T	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au OZ/T	
9406E	.001	.03	.10	.26	1.25	.01	.01	.18	19.25	.37	.002	.01	.010	.030	.010	.072	T-6
9407E	.001	.27	1.35	1.37	9.40	.01	.01	.35	18.86	.23	.002	.01	.010	.220	.010	.140	T-6 (GRAB)
9408E	.001	.01	.03	.07	.24	.01	.01	.10	28.75	.21	.002	.01	.010	.010	.010	.062	T-1A
9409E	.001	.02	.03	.08	.17	.01	.01	.28	12.74	.04	.002	.01	.010	.010	.010	.016	T-1A
9410E	.001	.67	.01	.01	.06	.01	.01	.05	7.96	.01	.002	.01	.010	.010	.010	.008	P.P.
9411E	.001	.01	.14	.31	.22	.01	.01	.01	16.40	.19	.002	.01	.010	.010	.010	.036	T-7
9412E	.001	.04	1.74	.81	1.44	.01	.01	.01	21.35	.67	.002	.01	.010	.080	.010	.014	T-7
9413E	.001	.01	.78	.91	.53	.01	.01	.01	12.41	.25	.002	.01	.010	.030	.010	.010	T-7
9414E	.003	1.41	2.38	3.25	39.47	.01	.01	.11	22.95	.13	.002	.01	.020	.910	.010	.570	T-8
9415E	.002	.02	9.62	6.67	29.94	.01	.01	.32	3.88	.01	.002	.01	.090	.040	.010	.014	VEIN A - MT RAINY
9416E	.001	.01	.17	.15	.84	.01	.01	.77	11.30	.01	.002	.01	.010	.010	.010	.003	VEIN B - MT RAINY
9417E	.001	.01	.09	.07	.38	.01	.01	.63	5.32	.01	.002	.01	.010	.010	.010	.001	VEIN C - MT RAINY
9418E	.004	.01	7.38	19.12	8.54	.01	.01	.65	3.09	.01	.002	.01	.280	.020	.010	.003	VEIN D - MT RAINY
9419E	.001	.11	29.10	.10	70.00	.01	.01	.05	5.83	.02	.002	.01	.010	.240	.010	.042	SUBCRD - MT. RAINY

MT. RAINY

PROPERTY

(owned by PACIFIC)

CASSIAR

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: S-903

ATTENTION: DIND CREMONESE

(604)990-5914 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: NOV 29, 1988

(VALUES IN PPM)	AG	AL	AR	B	BA	BE	BI	CA	CD	CO	CU	FE
C-054	.3	1460	1	3	22	.8	5	720	.2	1	6	9260
C-057	1.0	29610	1	25	65	3.5	27	1160	.1	8	39	85110
C-058	2.1	37460	1	34	239	5.9	51	1610	.1	14	553	139810
C-059	1.8	27480	1	26	81	3.7	37	810	.1	10	77	109720
C-060	2.2	53250	1	45	97	6.2	41	2340	.1	18	247	128240
C-061	1.6	59470	1	49	119	5.1	45	1160	.1	11	131	131020
C-062	1.5	46980	1	38	88	4.6	37	570	.1	10	351	105090
C-063	2.0	37110	1	33	103	4.3	41	1710	.1	13	171	133800
C-064	2.5	27390	1	26	81	4.8	41	1600	.1	9	96	140740
C-065	.8	67250	41	54	41	4.1	25	11210	.2	62	256	62500
C-066	.7	8720	1	10	56	1.3	14	1520	.1	4	31	40280
C-067	1.3	40010	42	35	60	4.6	28	470	.1	6	66	76390
C-068	1.7	35750	7	31	45	3.6	27	740	.1	6	57	85570
C-069	1.6	19850	1	20	52	4.0	32	1550	.1	12	63	104170
C-070	2.0	47380	1	40	75	5.5	39	2120	.1	19	258	114810
C-071	.8	35560	5	29	35	3.5	23	480	.1	6	104	62500
C-072	1.6	62260	1	50	139	4.7	35	5230	.1	30	132	117130
C-073	1.6	43570	1	40	66	4.5	42	1490	.1	31	369	117130
C-074	2.0	59720	1	48	116	4.6	40	1660	.1	19	79	125460
C-075	1.3	38340	91	33	65	3.4	31	2330	.1	17	50	95830
C-076	1.4	47160	37	39	36	4.5	27	3220	.1	13	75	70370
C-077	1.4	40840	47	35	53	4.3	35	1940	.1	15	70	104170
C-078	1.5	51460	37	43	67	5.4	31	2200	.1	32	110	79630
C-079	1.4	29120	29	29	32	7.3	36	2240	.5	18	306	89350
C-080	2.0	44130	30	37	74	3.5	23	2870	.1	9	67	59720

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7N 1T2

FILE NO: 5-903

ATTENTION: DINO CREMONESE

(604)990-5814 OR (604)999-4524

* TYPE SOIL GEOCHEM * DATE: NOV 29, 1985

(VALUES IN PPM)	K	LI	MB	MN	MO	NA	NI	P	PE	SE	SR	TH
C-054	250	1	210	32	2	110	6	240	6	1	8	2
C-057	880	13	5250	465	11	180	4	660	22	4	39	1
C-058	2780	19	11170	1064	17	190	3	600	34	7	52	1
C-059	1030	13	7300	432	14	110	3	570	21	4	37	1
C-060	1270	17	7240	1062	17	140	4	980	45	7	67	1
C-061	1860	27	9610	366	18	120	3	360	40	6	91	1
C-062	930	18	6530	397	13	90	4	390	33	5	54	1
C-063	910	15	8360	373	17	80	3	440	23	5	50	1
C-064	560	11	6590	261	17	80	4	400	17	5	37	1
C-065	1170	12	3490	1351	12	50	20	930	73	6	69	1
C-066	930	3	3440	69	6	210	6	500	19	2	21	1
C-067	540	14	4270	166	15	50	12	590	52	6	49	1
C-068	610	14	4350	324	13	40	4	910	30	4	40	1
C-069	650	7	5800	417	14	50	6	450	19	4	32	1
C-070	2190	26	9550	906	14	420	5	690	41	6	62	1
C-071	1310	11	4580	192	6	30	6	500	36	4	40	1
C-072	1880	38	10990	497	15	360	9	380	36	6	77	1
C-073	1030	24	4820	354	16	70	5	360	24	5	51	1
C-074	1130	31	10590	273	18	200	4	240	42	5	73	1
C-075	1670	47	11060	607	13	190	11	470	36	4	53	1
C-076	410	18	3260	198	12	500	10	590	58	6	62	1
C-077	970	32	6580	301	17	90	5	410	37	5	53	1
C-078	350	15	3710	743	13	150	14	650	68	6	61	1
C-079	260	10	7460	406	15	30	25	710	63	8	49	1
C-080	790	11	4060	338	10	60	12	1060	51	5	56	1

COMPANY: TETON RESOURCES
PROJECT NO:
ATTENTION: DINO CREMONESE

MIN-EN LABE ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)993-5814 OR (604)993-4524

(ACT:GEO27) PAGE 3 OF 3
FILE NO: 5-903
* TYPE SOIL GEOCHEM * DATE: NOV 29, 1985

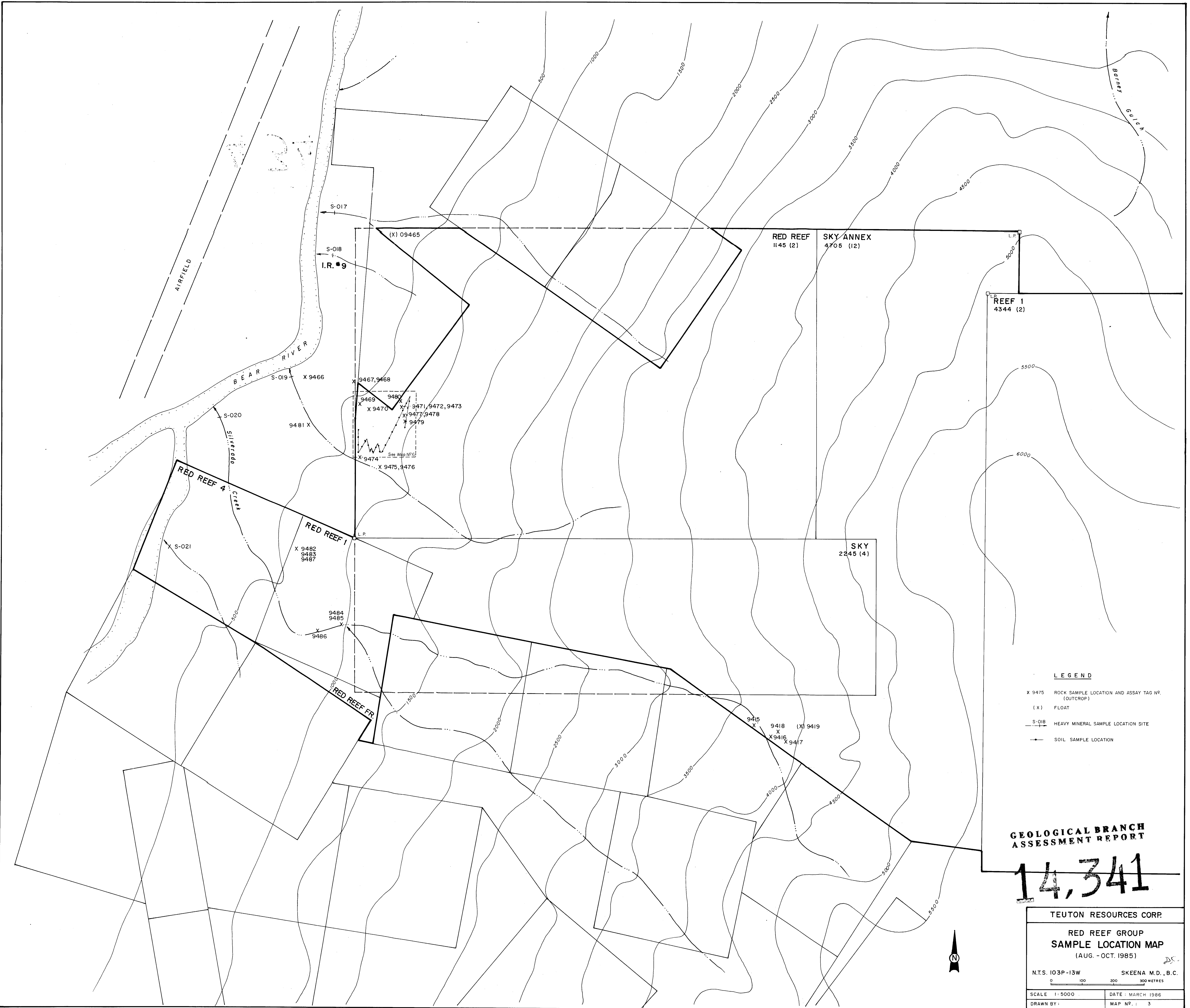
(VALUES IN PPM)	U	V	ZN	BA	GE	SE	SM	W	AU-PPB
C-056	1	19.6	9	1	2	1	11	1	40
C-057	1	125.4	34	1	4	1	4	1	15
C-058	1	224.2	49	1	6	1	1	3	20
C-059	1	148.6	32	1	2	1	1	4	5
C-060	1	193.7	46	1	8	1	10	5	40
C-061	1	202.9	53	1	2	1	6	6	30
C-062	1	157.3	41	1	4	1	5	4	30
C-063	1	188.8	40	1	2	1	1	1	5
C-064	1	181.5	27	1	1	1	1	1	10
C-065	1	53.8	62	4	12	1	21	12	20
C-066	1	86.4	22	1	3	1	7	1	5
C-067	1	105.9	47	1	7	1	12	5	10
C-068	1	133.4	45	1	2	1	3	1	5
C-069	1	198.5	31	1	5	1	1	2	5
C-070	1	167.1	47	1	9	1	6	5	15
C-071	1	99.3	27	1	6	1	10	3	5
C-072	1	181.1	118	1	5	1	1	6	10
C-073	1	179.9	337	1	2	1	1	2	5
C-074	1	231.4	109	1	2	1	1	2	5
C-075	1	171.7	91	1	4	1	4	6	10
C-076	1	98.2	56	2	9	1	14	7	10
C-077	1	194.0	82	1	4	1	1	5	5
C-078	1	105.1	115	2	10	1	9	8	5
C-079	1	78.4	77	13	19	1	11	11	5
C-080	1	103.3	70	3	7	1	9	6	5

ATTENTION: BING DRENCHSE

(A001PFB-BE14 OR A001PFB-A524

* TYPE HEAVY MINERAL * DATE: NOV 27, 1985

(PPM)	517	518	519	520	521
AS	4.6	4.4	27.9	294.3	9.2
AL	27320	24310	22970	33010	26360
AR	43	49	936	203	12
B	35	37	23	103	102
BA	343	88	204	427	358
BE	2.7	3.9	6.3	7.9	6.1
BI	25	22	33	53	50
CA	38520	59990	32080	35030	40150
CD	2.9	.4	4.0	23.3	1.1
CO	31	34	61	113	46
CU	296	364	508	582	115
FE	86840	84110	122060	132670	190080
K	2180	960	910	2230	1000
LI	8	5	6	11	5
MG	6280	3900	5390	8470	6430
MN	1186	1108	1183	4174	1465
MO	10	13	23	40	22
NA	820	310	540	280	220
NI	2	5	13	9	6
P	1610	7940	1240	2100	1310
PB	11	17	464	1539	18
SB	6	10	23	62	11
SR	143	119	119	311	224
TH	1	2	4	1	1
U	1	1	1	1	1
V	92.2	106.4	82.8	131.2	142.0
ZN	293	57	363	1906	142
BA	1	6	6	1	1
BE	3	5	10	10	5
SE	1	1	1	1	1
BN	1	6	15	1	1
W	15	9	13	22	9
AU-PFB	195	20000	275	3100	40
HMX	7.27	2.89	4.49	1.13	1.14



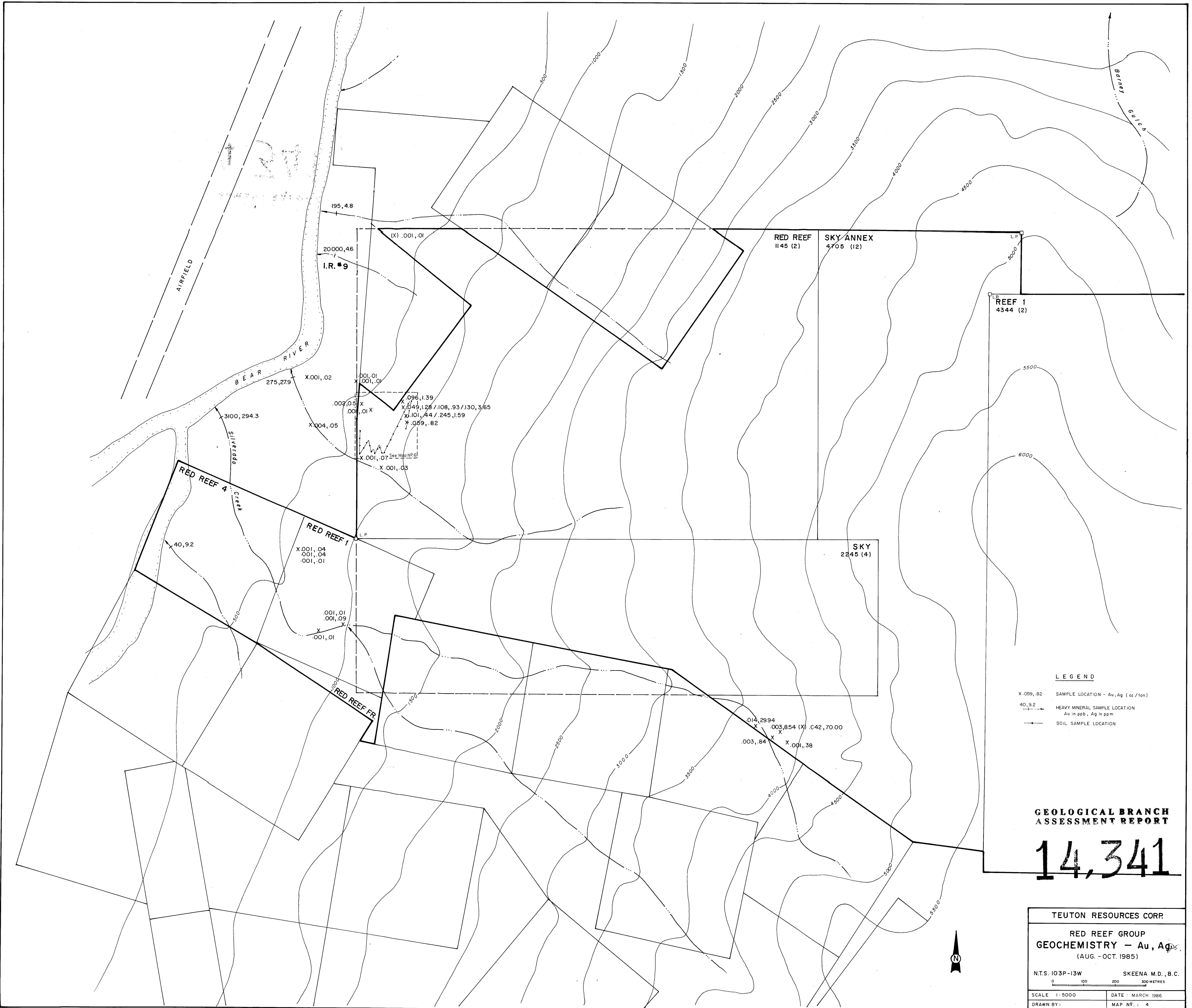
LEGEND

- X 9475 ROCK SAMPLE LOCATION AND ASSAY TAG NO. (OUTCROP)
- (X) FLOAT
- S-018 HEAVY MINERAL SAMPLE LOCATION SITE
- SOIL SAMPLE LOCATION

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,341

TEUTON RESOURCES CORP.	
RED REEF GROUP SAMPLE LOCATION MAP (AUG. - OCT. 1985)	
N.T.S. 103P-13W	SKEENA M.D., B.C.
SCALE 1:5000	DATE: MARCH 1986
DRAWN BY:	MAP NO.: 3



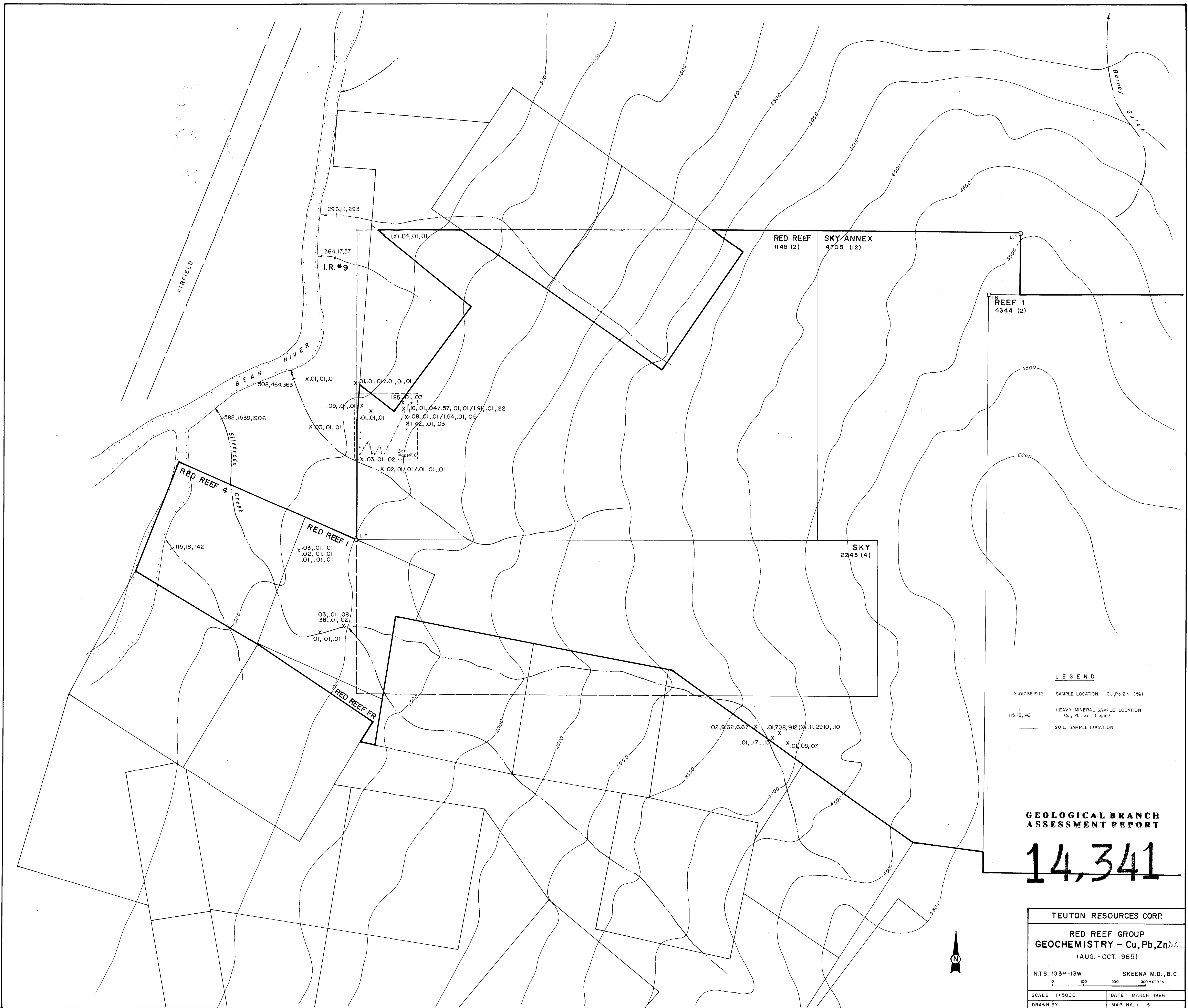
LEGEND

- X.059,82 SAMPLE LOCATION - Au, Ag (oz/ton)
- 40,92 HEAVY MINERAL SAMPLE LOCATION
Au in ppb, Ag in ppm
- SOIL SAMPLE LOCATION

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,341

TEUTON RESOURCES CORP.	
RED REEF GROUP GEOCHEMISTRY - Au, Ag (AUG. - OCT. 1985)	
N.T.S. 103P-13W	SKEENA M.D., B.C.
0 100 200 300 METRES	
SCALE 1:5000	DATE: MARCH 1986
DRAWN BY:	MAP NO.: 4



LEGEND

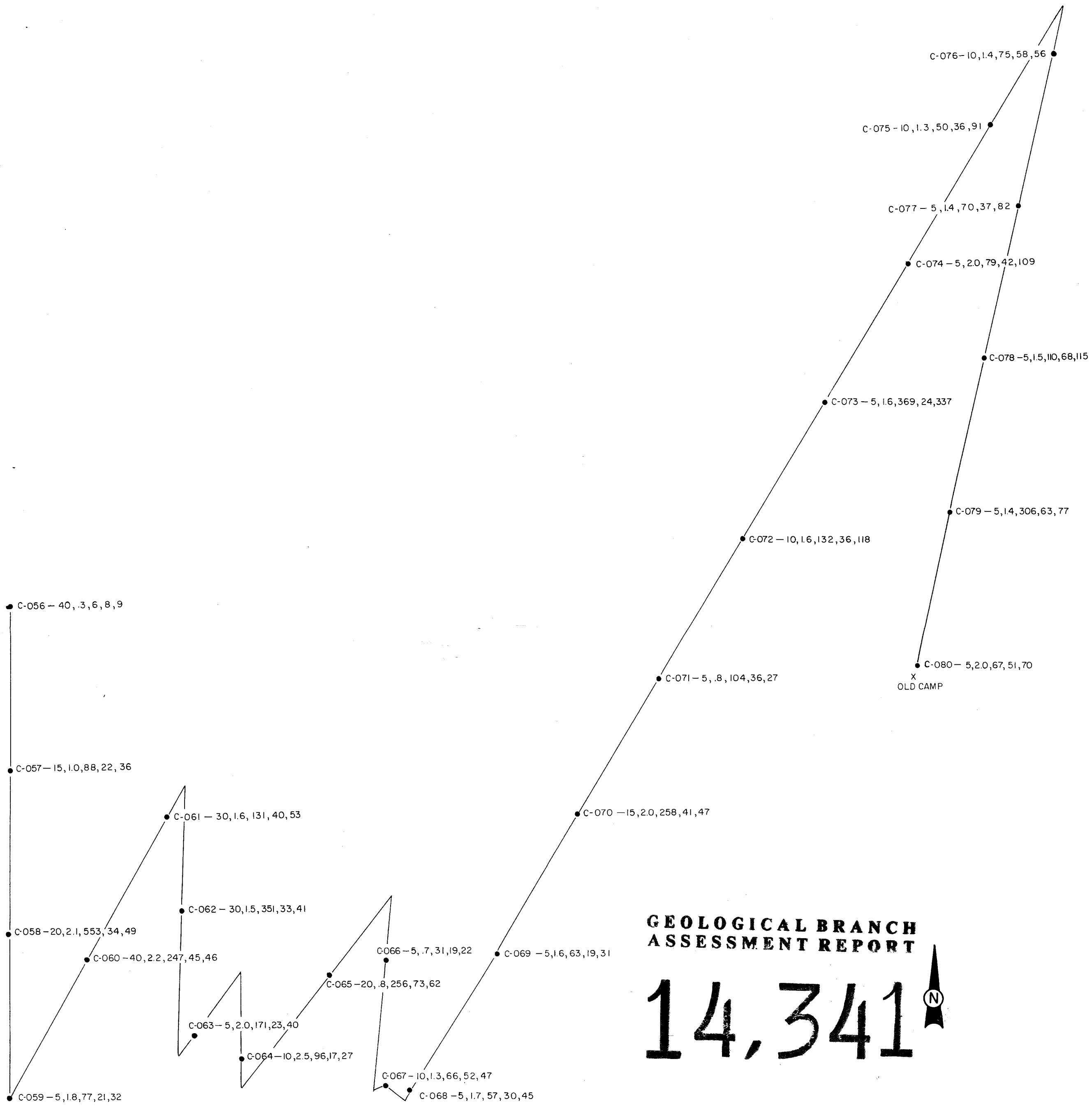
- X 01738,19,12 SAMPLE LOCATION - Cu,Pb,Zn (%)
- HEAVY MINERAL SAMPLE LOCATION
Cu, Pb, Zn (ppm)
- SOIL SAMPLE LOCATION

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**


14,341

TEUTON RESOURCES CORP.	
RED REEF GROUP	
GEOCHEMISTRY - Cu, Pb, Zn (%)	
(AUG. - OCT. 1985)	
N.T.S. 103P-13W SKEENA M.D., B.C.	
SCALE 1:5000	DATE: MARCH 1986
DRAWN BY:	MAP NO.: 5





**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,341 

LEGEND

C-062 - 30, 1.5, 351, 33, 41 SOIL SAMPLE NO. - Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm

TEUTON RESOURCES CORP.	
RED REEF GROUP SOIL GEOCHEMISTRY <i>DC</i> Au, Ag, Cu, Pb, Zn (AUG. - OCT. 1985)	
N.T.S. 103P-13W	SKEENA M.D., B.C.
0 10 20 30 METRES	
SCALE 1:500	DATE: MARCH 1986
DRAWN BY:	MAP NO.: 6