SUMMARY REPORT ON GEOLOGICAL/GEOCHEMICAL WORK ON THE BARITE, BASIN, LUCKY JIM, STROHN, RED REEF AND VON MINERAL CLAIMS SKEENA MINING DIVISION

NTS 104 A/4, 103P/13

LONGITUDE; 55° 45' TO 56° 15'
LATITUDE; 129° 40' TO 130° 00'

ON BEHALF OF
TEUTON RESOURCES CORP.
VANCOUVER, B.C.

REPORT BY
GORDON L. WILSON, P. GEOL.
NICHOLSON AND ASSOCIATES NATURAL
RESOURCE DEVELOPMENT INC.

DATE: OCTOBER 30, 1990

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SUMMARY

The Teuton Resources Ltd. group of properties are located within the Stewart Mining Camp which has been a significant producer of gold, silver, lead, zinc, copper and molybdenum.

The Properties are all located within a 50 km. radius of the town of Stewart and consist of contiguous or isolated four-post (modified grid) claims, excepting the Lucky Jim claims which are under the old two-post system. An examination of individual records by the writer, indicated that minimal grouping has been completed and that many of the claims were still recorded in the original locators names. For the purpose of this report, legal title of all properties will be considered to be that of Teuton Resources Ltd.

Four of the properties examined contain significant precious and base metal mineralization hosted by narrow, steep dipping quartz veins. They are the Basin, Barite, Lucky Jim and Red Reef. Two of these (the Basin and Red Reef) have had limited production or development, which has demonstrated strike and dip continuity.

The Lucky Jim and particularly the Barite, contain several prominent sulphide occurrences within volcanogenic settings. On both properties, well mineralized and altered zones were defined on surface outcrops having suitable widths and open along strike.

Most of the massive sulphide showings and quartz-carbonate veins noted on the above properties are similar, in terms of widths and mineralization, to the narrow veins and massive sulphide lenses and zones found and mined at the nearby past producers. The vein structures at several of these mines had remarkable lateral and dip continuity. These mines were successful operations, especially the Silbak Premier Mine which produced approximately 1.8 million ounces of gold and 41 million ounces of silver.

This similarity between the Barite, Lucky Jim and Basin mineral zones and those developed at the nearby mines, together with wide spread alteration associated with the principal sulphide zones, indicates considerable exploration potential.

A two part exploration program is recommended for the Teuton/Stewart properties for a total cost of $150.000.00. Both parts may run concurrently.

Part 1 will consist of:

i) soil/till sampling over main zones of interest; Barite, Von, Basin and Lucky Jim

ii) Magnetometer and VLF-E16 surveying over main zones of interest with the objective of extending the zones of mineralization on the Barite, Basin and Lucky Jim claims;

iii) Detailed geological mapping and prospecting of established grid over accessible portion of the properties: Lucky Jim, Barite, Basin, Red Reef, Strohn and Von

iv) Deep rock trenching and overburden blast trenching to extend outcrop areas of interest and facilitate channel sampling of existing structures and as a follow up to the geochemical and geophysical surveys: Lucky Jim, Red Reef, Barite, Von and Basin.

Part 2 is designed to explore the potential of the balance of the properties not yet examined:

i) Extended soil/till sampling over the balance of the Basin, Lucky Jim and Barite claim groups;

ii) Extended Magnetometer and EM surveying over the entire Barite, Basin and Lucky Jim claims;

iii) Geological Mapping and prospecting of all claim groups;

iv) Rock geochemical sampling of generated targets;

INTRODUCTION

Nicholson and Associates was retained by Teuton Resources Ltd. to carry out a geological/geochemical evaluation of six mineral properties and to make recommendations as to further work.

Initial ground work carried out by the crew consisted mainly of reconnaissance geochemical silt surveying, prospecting and limited geological mapping. The initial results were successful in locating mineralization on several properties and a more detailed mapping, prospecting and rock sampling program was undertaken which resulted in the location of a prominent epithermal vein system on the Barite/Von claims.

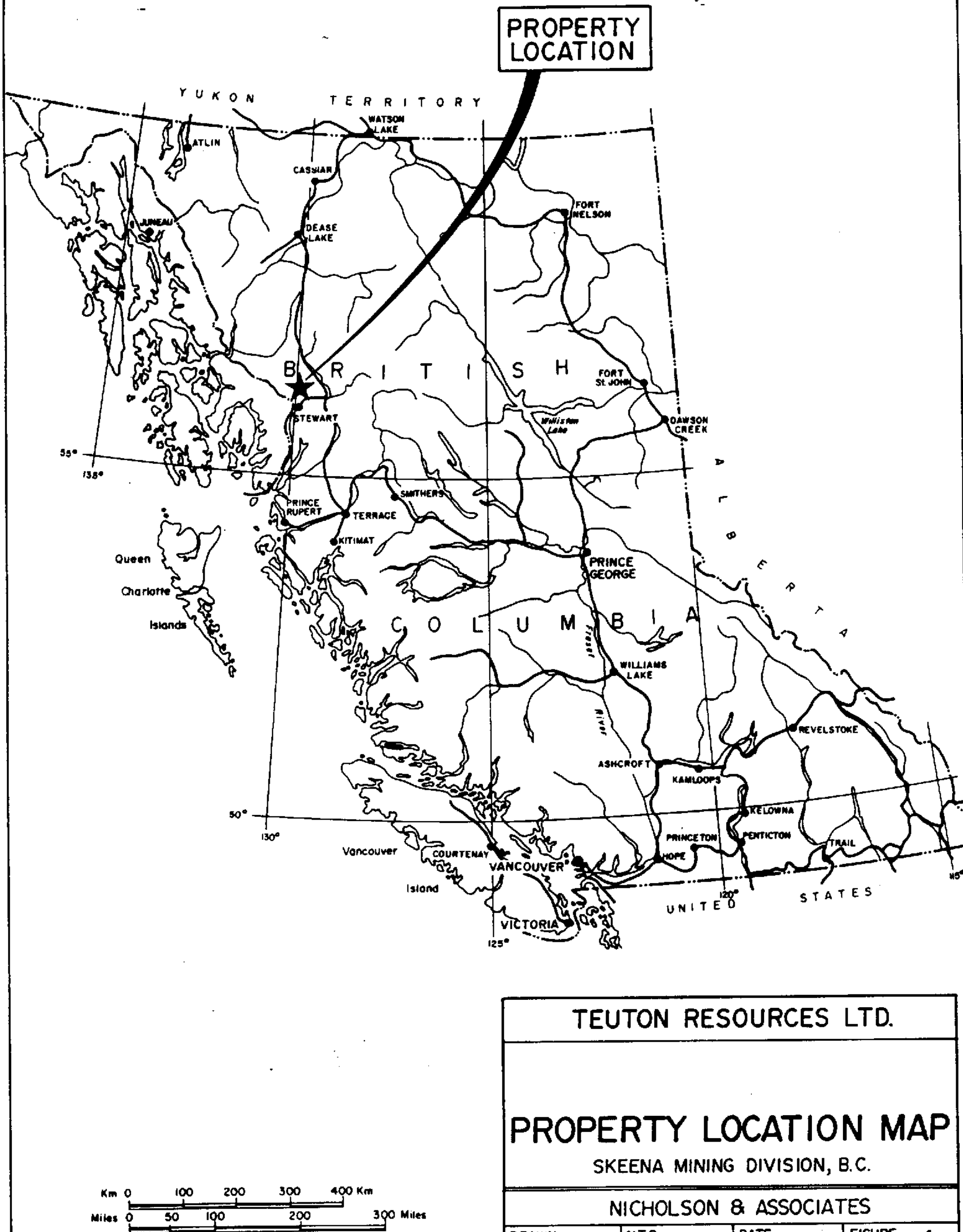
During the months of September and October, the Nicholson and Associates crew, spent a total of 21 days on the project. Field time was divided up according to the individual property requirements and was at times, interrupted due to poor weather conditions and an increasing accumulation of snow. However, the program of prospecting and geochemical sampling did return favourable results. Most notable was the newly discovered showing covered in part, by the Barite 2 and Von 2 mineral claims which returned values of up to .121 oz/ton Av (12.1 oz/ton Ag) and the Red Reef occurrence which had values up to 1.334 oz/ton Av (17.50 oz/ton Ag)

A total of $39,120.60 was expended on the Project Group.

LOCATION AND ACCESS

All claims examined under the project lie within a short distance north of the townsite of Stewart. The area is traversed by the Stewart Highway 37A (Figure 1).

The Von, Barite, Strohn, Horn, Basin, Red Reef and Lucky Jim claim blocks are all situated within the confines of longitude 129^{0} 40' to 130^{0}0' and latitudes 55^{0}45' to 56^{0}15'. The Von, Barite, Strohn, Horn, Basin and Lucky Jim groups are situated on NTS 104A/4 while the Red Reef property is situated in NTS 103^P/13. Most of the claim blocks are accessed only by helicopter from Stewart. The exception is the Strohn 1-4 claims which may be accessed by the Stewart Highway. In this case, only the lower reaches of the claim is accessible by road.



TEUTON RESOURCES LTD.

PROPERTY LOCATION MAP

SKEENA MINING DIVISION, B.C.

NICHOLSON & ASSOCIATES

DRAWN.	N.T.S.	DATE.	FIGURE. 1.

CLAIM STATUS

The Teuton project consisted of 30 mining claims in the Stewart Camp, Skeena Mining Division. The Von, Barite, Strohn and Horn claims located near Bear River Glacier, are all contiguous and were staked in accordance with the new modified grid system. The Basin claims are situated on American Creek, are also contiguous and under the modified grid system of staking. Two hundred metres northwest of the Basin 4 claim are the Lucky Jim 1-5 two-post claims. These are not contiguous with the Basin claims but are grouped.

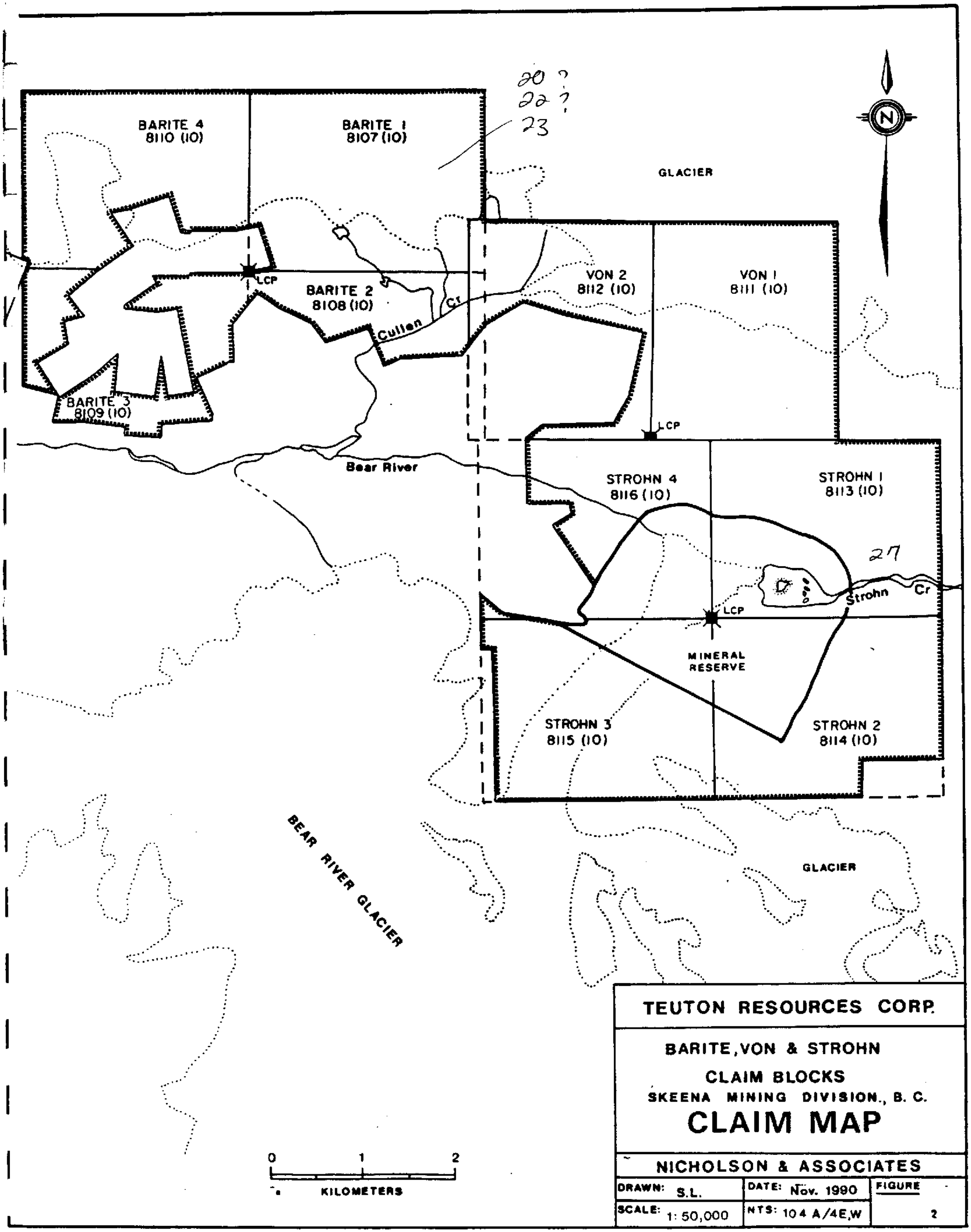
All claim groups are completely surrounded by claims belonging to other interests.

Nicholson and Associates has only completed a basic examination of title to the claims but has not substantiated their physical boundaries and accordingly, expresses no opinion as to the validity of title and property description. As well, some of the claims examined under the project are subject to option agreements. Only preliminary information was made available to the writer, therefore, no opinion is expressed as to their status.

The claim status is as follows:

CLAIM	NO. OF UNITS	RECORD *	M.D.	EXPIRY DATE
Von 1	20	8111	Skeena	Oct. 5, 1991
Von 2	20	8112	Skeena	Oct. 5, 1991
Barite 1	20	8107	Skeena	Oct. 5, 1991
Barite 2	20	8108	Skeena	Oct. 5, 1991
Barite 3	20	8109	Skeena	Oct. 5, 1991
Barite 4	20	8110	Skeena	Oct. 5, 1991
Strohn 1	20	8113	Skeena	Oct. 5, 1991
Strohn 2	20	8114	Skeena	Oct. 5, 1991
Strohn 3	20	8115	Skeena	Oct. 5, 1991
Strohn 4	20	8116	Skeena	Oct. 5, 1991
Basin 1	20	7591	Skeena	May 5, 1992
Basin 2	12	7592	Skeena	May 5, 1992
Basin 3	12	7593	Skeena	May 5, 1992
Basin 4	20	7594	Skeena	May 5, 1992
Lucky Jim 1	1 (claim)	8518	Skeena	March 22, 1991
Lucky Jim 2	1 (fractional claim)	8517	Skeena	March 22, 1991
Lucky Jim 3	1 (claim)	8516	Skeena	March 22, 1991
Lucky Jim 4	1 (claim)	8515	Skeena	March 22, 1991
Lucky Jim 6	1 (claim)	8513	Skeena	March 22, 1991
Red Reef	6	1145	Skeena	Feb. 19, 1992

* After filing the 1990 work for assessment purposes.



TEUTON RESOURCES CORP.

BARITE, VON & STROHN

CLAIM BLOCKS

SKEENA MINING DIVISION., B. C.

CLAIM MAP

NICHOLSON & ASSOCIATES

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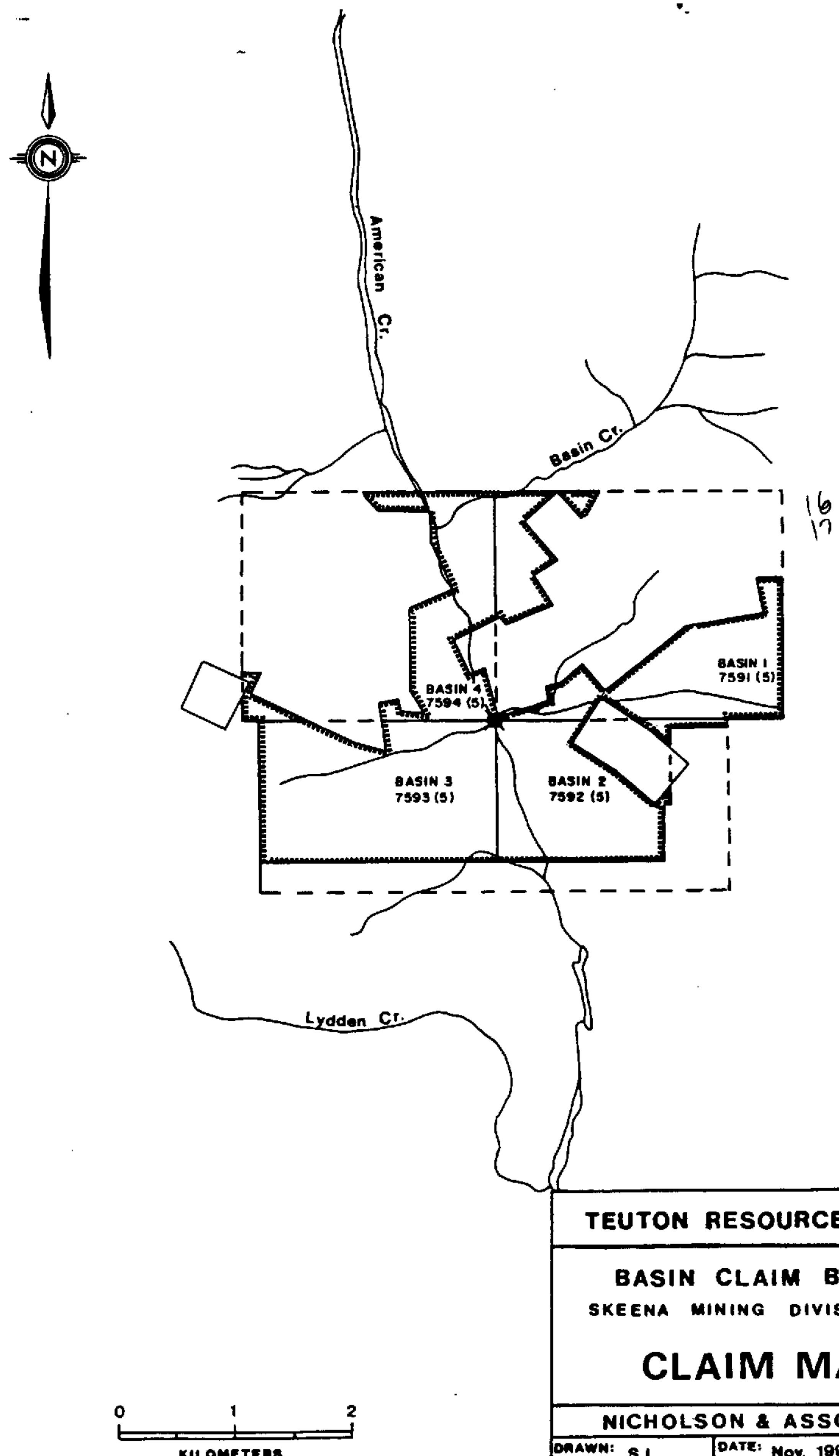
SCALE: 1: 50,000	NTS: 104 A/4E,W		2



TEUTON RESOURCES CORP.

BASIN CLAIM BLOCK

SKEENA MINING DIVISION., B.C.

CLAIM MAP

NICHOLSON & ASSOCIATES

DRAWN: S.L.	DATE: Nov. 1990	FIGURE
SCALE: 1: 50,000	NTS: 104 A/4W	2

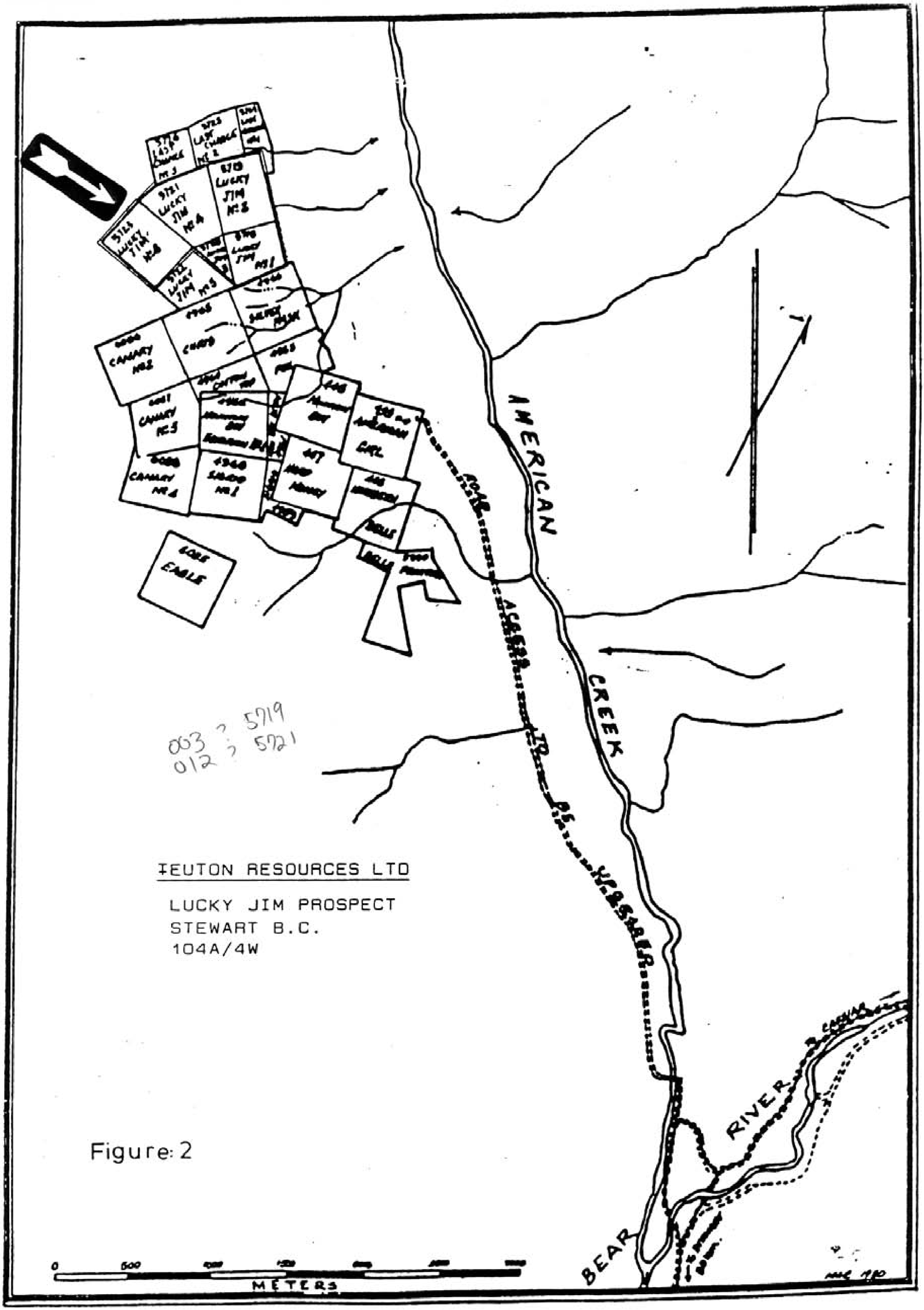
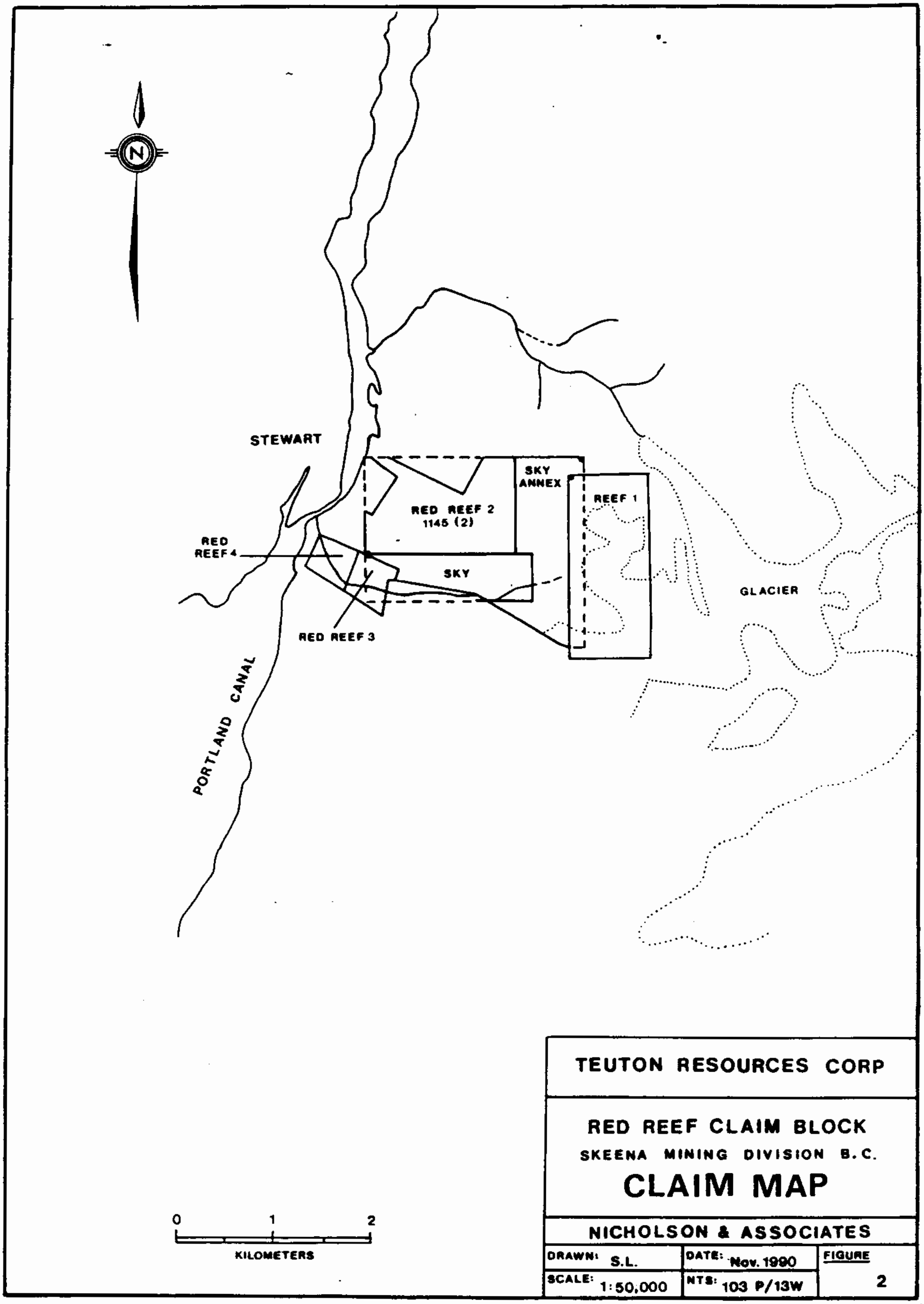

TEUTON RESOURCES LTD
LUCKY JIM PROSPECT
STEWART B.C.
104A/4W
AMERICAN
CREEK
BEAR
RIVER
003 ? 5719
012 ? 5721
0
500
METERS

Figure: 2


N
STEWART
RED REEF 2
1145 (2)
SKY
ANNEX
REEF 1
RED
REEF 4
SKY
RED REEF 3
GLACIER
PORTLAND CANAL
0 1 2
KILOMETERS
TEUTON RESOURCES CORP
RED REEF CLAIM BLOCK
SKEENA MINING DIVISION B.C.
CLAIM MAP
NICHOLSON & ASSOCIATES
DRAWN: S.L.
DATE: Nov. 1990
FIGURE 2
SCALE: 1:50,000
NTS: 103 P/13W

PHYSIOGRAPH AND CLIMATE

The Teuton Claim Groups are situated within the inter coastal mountain belt of the Coast Mountain Batholith Complex. The property elevations vary from 700 ft. in the valleys, to 6000 ft. along the ridges. All claims have varying degrees of permanent snow and glacial ice, with the exception of the Red Reef claims which are clear. The valley walls are steep and occasionally hazardous to traverse. The valley bottoms and walls are covered in part with a veneer of unconsolidated glacial debris ranging in thickness from several centimetres to three metres.

Water is very plentiful on all claims in the form of ground water or from glacial melting. Vegetation ranges from densely forested valley bottoms to tree-less grassy alpine slopes.

Climatically this area is under the influence of the Coastal weather patterns. As a result, the weather varies considerably from warm summer days to cool, very wet fall conditions to an extremely heavy snow cover (15 metres) in the winter. The properties are therefore only workable from late June to mid September.

HISTORY AND SUMMARY OF WORK COMPLETED

The Stewart Mining Camp, first explored during the late 1800's, has seen almost continuous exploration since the 1960's. Prior to World War 11, several small precious metal mines operated intermittently. The largest producer was the Silbak Premier Mine which produced 1.8 million ounces of gold and 41 million ounces of silver. The Big Missouri Mine, which operated from 1927 to 1942 produced 768,936 tonnes of ore averaging 2.4 g/t gold and 2.1 g/t silver. Although these two mines were the most successful out of all the operations, collectively, the various mines have produced substantial quantities of gold ore and made Stewart on of the major gold-silver districts in British Columbia.

Following World War 11, exploration was re-concentrated on large tonnage base metal deposits. Only the Granduc Mine reached commercial production totalling 15.9 million tonnes averaging 1.25% Cu,8.29 g/t Ag and 0.32 g/t Au. Exploration in the 1970's shifted back to precious metals and several deposits have been re-evaluated, resulting in the definition of significant additional gold/silver ore reserves.

Numerous companies are currently exploring for precious and base metal deposits in the area. Much of the activity is still centred around the start-up of Premier Mine (Westmin Mines Ltd.).

Westmin also continued to explore around the Silbak Premier and Big Missouri properties. Tenajon Resources Corp. continued drifting and exploration drilling on the 35, West Kansas and Kansas zones on their Silver Butte property situated just southwest of the Big Missouri. North of Stewart, work on the Korri-Hill property continues and recently a head frame and hoist have been installed in preparation of shaft sinking to explore and develop both massive sulphide zones. East of Stewart, Bond Gold continues to explore both gold discoveries made in 1989.

The Teuton properties have for the most part, seen some exploration activity. Although records of such work are incomplete, there is evidence of past stream sediment, prospecting and blast trenching. This work most likely occurred in recent history on most of the Claims (1970- 80's). Properties which enclose prominent showings and occurrences covered by the old Crown Granted Claims show evidence of extensive surface exploration in terms of pit and trench development. This work was clearly a spillover on to exploration lands outside of the Crown Granted claim.

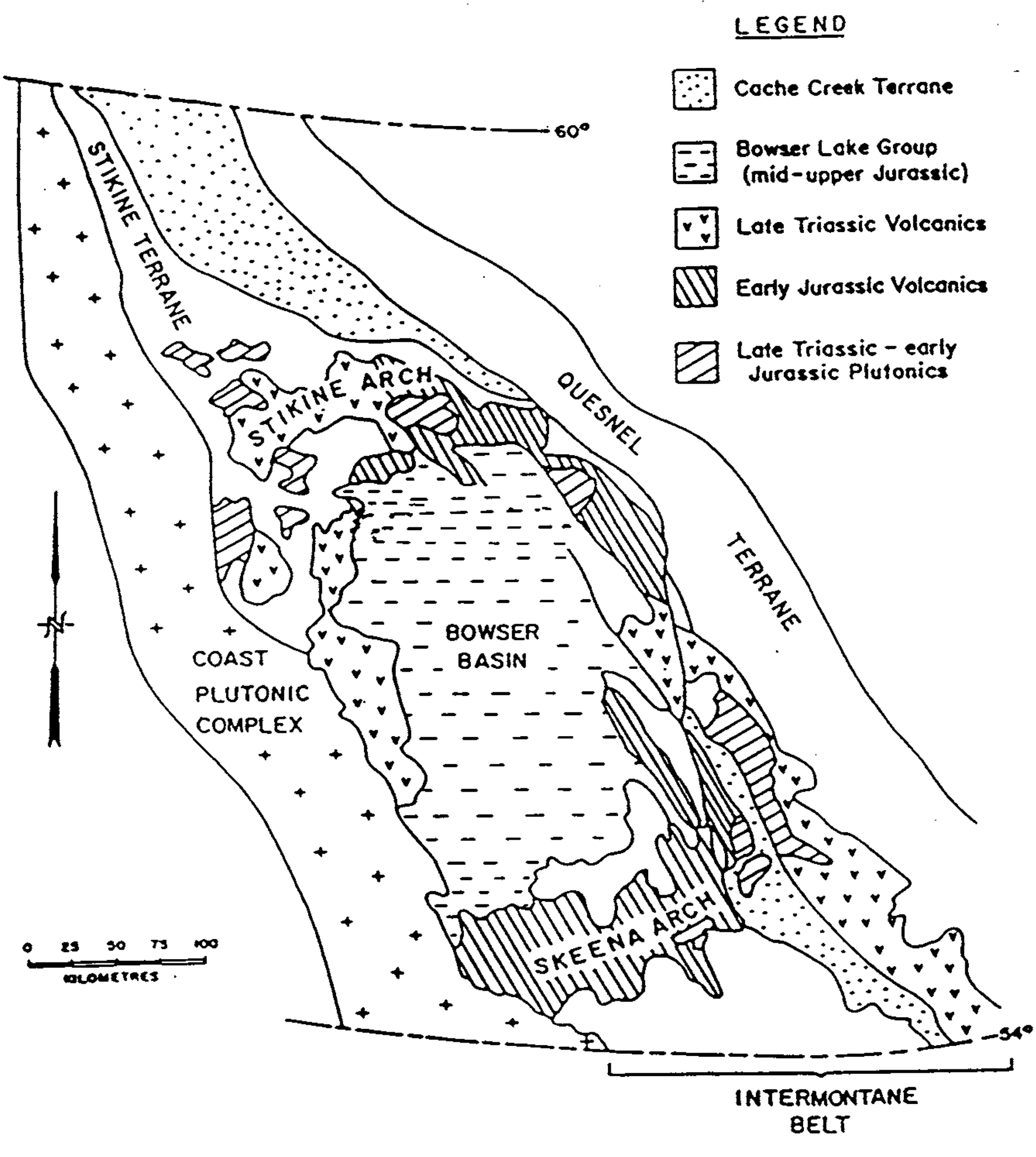
The 1990 field program represents Teuton's first exploration effort on all claims. Work consisted of reconnaissance stream sediment sampling, geological mapping, rock geochemical sampling and prospecting.

REGIONAL GEOLOGY

The Salmon River area, includes part of the contact of the Eastern Coast Plutonic complex with the west central margin of re successor Bowser Basin. Geologically and economically, the country rocks form the well defined Stewart Complex. Sedimentary volcanic and metamorphic rocks bordering the Plutonic Complex, range in age from Middle Triassic to Quaternary.

Within the Stewart Complex, Upper Triassic rocks are found along the Unuk River section only. The Upper Triassic strata are predominantly green epiclastic volcanic units. These include volcanic breccias, sandstones and siltstone which form prominent horizons near the top of the sequence. This succession has a thickness of approximately 900 metres.

Triassic rocks are overlain by sedimentary volcanic and green/grey epiclastic volcanic rocks of the Jurassic Hazelton Group. The contact is generally disconformable to unconformable. All Jurassic rocks in the area are included in the Hazelton Group, which is comprised of four major lithostratigraphic divisions; one Early, two Middle and one Late Jurassic formation. The Lower Hazelton is mainly a volcaniclastic sequence which is characterized by extensive pillow volcanic members and marble lenses. The thick Triassic and Lower Jurassic Hazelton sequences are lithologically similar and difficult to separate without



REGIONAL GEOLOGY
BOWSER BASIN
NW BRITISH COLUMBIA

(Outline of terrane boundaries and major rock groups of the Jurassic and Triassic — modified from Thomson, 1985).

FIG. 3

structural and fossil data. The Lower Jurassic units extend from the Unuk River, south to Alice Arm. These rocks overlie the Lower Hazelton and Triassic with angular discordance (E. Grove 1986). The lower Middle Jurassic Betty Creek Formation consists of a thick succession of red-green epiclastic volcanic rocks that lie unconformably on the lower Jurassic rocks.

The Betty Creek Formation is overlain conformably by the Upper Middle Jurassic, bedded Salmon River Formation which is comprised of grey-green siltstones, sandstone, greywacke and minor volcanic units. Overlying the Salmon River Formation is the marine Nass River Formation which outcrops extensively in the western Bowser Basin (Grove, 1971). These rocks are in turn overlain by the thick marine to continental sedimentary rocks of Tertiary Skeena Group, elsewhere in the basin.

Small Quaternary volcanic piles are scattered throughout the Stewart complex. The west side of the Salmon River area is dominated by the Coastal Plutonic complex of Middle Jurassic and Tertiary age. Granodiorite is the most common rock type. Extensive dyke systems are prominent features throughout the Stewart Complex, ranging from Jurassic to Tertiary in age.

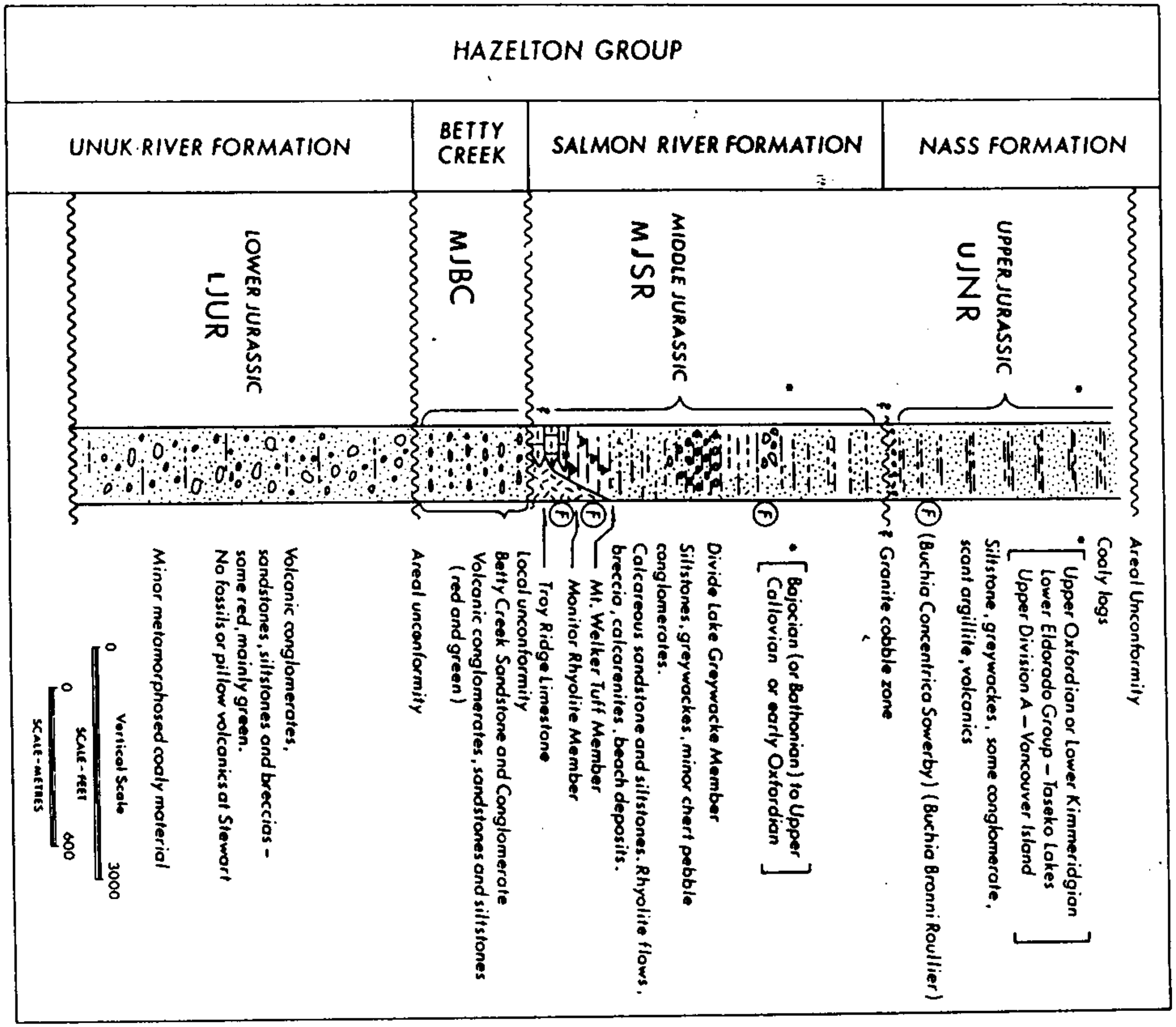


Figure 4. General stratigraphic column, Stewart area.

Deformational metamorphism is common and formed cataclasite and prominent shear zones that are restricted to the more competent Triassic and Lower Jurassic rocks. The shear zones are characterized by extensive, weathered alteration zones.

PROPERTY GEOLOGY

A) VON CLAIMS

The Von claims are largely covered by glacial ice and debris resulting in very little bedrock exposure. What was examined, indicates that the northwesterly-trending contact between southerly dipping beds of the Betty Creek Formation (mJBC) volcanic sediments, underlain to the south by the northerly, dipping Unuk River LJUR volcanic sediments, passes through the key claims of this property.

In the northern part of Von 2, the Betty Creek formation is characterized by planer bedded purple to green volcanic sandstone and siltstone with sporadic, intercalated andesitic volcanic flows, chert and minor carbonate lenses. The prominent sandstone, which underlies the purple siltstone on the west side of this ridge extends easterly into Von 1, where it lenses out. The green siltstone unit continues eastward along the upper part of the ridge to the eastern boundary of Von 1. All along the ridge, the beds are easily traceable and unconformably overlie the Unuk River sedimentary units. A cherty transition zone marks the contact between both formations. The Unuk River rocks are dominated by green-grey coloured, argillaceous siltstones and lithic greywackes, intercalated with coarsely layered volcanic sandstone and tuff. The sequence also includes Pyritic, propylitized and deformed amygdaloidal andesitic flows and lenses which are irregularly intercalated with the siltstones. Close to the contact, thin lenticular rhyodacite flows inter-finger within the more thinly bedded siltstone sequence which in turn is unconformably overlain by the Betty Creek sediments.

Rocks of the Betty Creek Formation show weak foliation, minor folding and some lineation. On the Von claims, the strata blanket the folded and faulted Unuk River Sequence. As they fill in the old erosional surface of the Unuk River, they represent irregular, erosional remnants displaying very slight warping.

Structure within both formations is generally limited to minor local folding and weak foliation. The one exception is a northerly trending structural zone situated in the northwest corner of Von 2. Here, a strong fracture zone has developed, oblique to the Cullen Creek Fault/Shear Zone. The Cullen Creek Valley represents the main shear zone and appears to have been a corridor of major non-compressive stress. The fractures which developed peripheral to this zone appear to have remained open during a subsequent hydrothermal event. The zone is characterized by strong vein development, and moderate sulphidation and attendant silicification. Well developed red alteration is also present. Although only a small portion of the zone was examined there is evidence of major dip slip and strike slip movement typical of non-compressive stress regimes, which could give rise to large, throughgoing open conduits. The fractures which host the mineralization (semi-massive galena, chalcopyrite, pyrite) appear to be semi-continuous, although somewhat narrow in places. What is important here as well, is the establishment of gold and silver within the system, as evidenced by channel samples Bar-6WR-17 and 18, collected over a section of the veining.

B) BARITE CLAIMS

Geological mapping was carried out on the Barite claims primarily on a need to know basis related to the mineral showing identified primarily on the Von 2 claim. The reason for this action was due to the initial discovery of a heavy concentration of massive pyrite-pyrrhotite-chalcopyrite boulders all along Cullen Creek. The source of these boulders was later found to be the fracture zone on the Von 2 claim. As much of the Barite claims are snow and ice covered, examinations were restricted to major bedrock exposures.

The Barite claims are entirely underlain by rocks of the lower Jurassic, Unuk River formation, predominately the upper member, consisting of reddish coloured, thinly layered argillaceous siltstones with intercalated pyritic (to 10%) and propylitized fine-grained andesitic flows. Silicification is generally minor. Here, the formation is weakly folded but extensively faulted and sheared due to the influence of the

Cullen Creek fault which transects the eastern portion of the property. On Barite 2, considerable silicified float was located along the tributary to Cullen Creek, mineralized with disseminated pyrite. Higher up the creek, narrow gossanous zones are present. These appear to be developed along a north-westerly trending fracture zone. There is some evidence of invasion of quartz along singular fractures and these zones are bordered by variably propylitized rocks which contain in excess of 10% pyrite. Some of the wallrocks are silicified and weak vein development was noted in places. Mineralization associated with these veins is mainly disseminated pyrite and minor malachite staining.

STROHN CLAIMS

The Strohn Group was traversed and sampled on a regional scale (Figure). The claim group straddles the Strohn Creek Valley and was found to be underlain by two main rock types; sedimentary and volcanic.

The sedimentary package observed on the property consists of fine to medium grained, grey to black interbedded argillites and siltstones of the Betty Creek Formation. Minor quartz veins and graphitic sections occur throughout and generally display no preferred orientation. The argillites are northerly dipping and are thinly bedded. This package was found to exist mainly on the northern flank of Strohn Mountain.

The volcanic rock package consists of fine to medium grained andesitic lapilli and lithic tuffs, greenish-grey in colour, with interbedded grey andesite flows. Both units show siliceous alteration and contain distinctive pyritic horizons throughout. The volcanic succession is found throughout the balance of the property and downdropped relative to the southern sedimentary succession. Prominent gossanous zones within the volcanics occur north of Strohn Creek and are mainly associated with quartz carbonate veining carrying minor disseminated pyrite.

Structural features noted on the property include a number of high angle fracture sets and shears striking 020° - 030°. Splay faulting occurs north of Strohn Lake trending 130°, with associated fracture shear zones characterized by strong gossan development.

Sulphide mineralization on the group was noted within these fracture/shear zones only. The most dominant sulphide is fine grained pyrite which occurs along fractures as narrow veinlets.

D) RED REEF CLAIMS

The Red Reef claim is underlain by andesitic lapilli and lithic tuff, with thinly interbedded grey argillite belonging to the Upper Unuk River Formation. The rocks are well bedded and range from maroon to light grey in colour and are generally very siliceous and pyritic. Cataclasite was noted on one traverse, showing only in isolated outcrops, the extent of which was not defined.

Structural features noted on the property included a series of high angle fracture sets and shears trending 125° dipping 75°S. The most prominent set hosts the "Oral M" gold bearing quartz veins which are present on the Red Reef and were previously developed by an exploration adit along the 480 foot level. Detailed examination of the underground workings and surface stripping indicate the main structure consists of a series of silicified open and closed fractures and quartz lenses hosted by a highly oxidized shear zone. Sulphide mineralization is erratic, consisting of disseminated to semi-massive pyrite, galena and chalcopyrite. The most common oxide along the structure is malachite staining and to a lesser extent, hydrozincite staining. Previous sampling (1937) produced gold values ranging from .026 to .27 oz/ton underground and .05 to .36 oz/ton on surface (sketch map - Oral 17 Group, 1937). Although gold values are sporadic, previous work has demonstrated sufficient lateral and down dip continuity on the main gold bearing structure to allow for crude tonnage and grade calculations, currently reported to be 11,365 tons averaging 0.196 oz. gold and 0.62 oz. silver. Although no visible gold has as yet been found on the property, the presence of gold and silver in assays collected from the structure during this program from surface exposures, clearly reaffirm the presence of the elements within the system. The likely correlation for the gold is with the chalcopyrite, as proven by the higher grades along the richer copper sections. Silver values are probably associated with tetrahedrite contained within the galena. Galena rich sections correspond directly with the chalcopyrite rich sections and thus explain the elevated gold/silver grades through the well mineralized portions of the structure.

E) LUCKY JIM CLAIMS

The north-trending contact between the Lower Jurassic Unuk River Formation and the Middle Jurassic Betty Creek Formation passes through the property. Unuk River Formational rocks consist of red to green, fine grained to porphyritic andesites with lithic tuffs and lithic tuff units interlaminated within the andesite. The andesites are the primary host rocks of the veins located on the Lucky Jim during the program. Overlying the Unuk River Formation is the Betty Creek Formation, consisting of red to green volcanic siltstone, well bedded and dipping to the west from 10^{0} - 45^{0}.

The property is extensively faulted with two prominent trends being 1) the high angle block faults roughly perpendicular to the American Creek valley and 2) the steep relaxation faults parallel to the slopes along the valley.

On the Lucky Jim Claims, a total on 5 mineralized veins have been discovered to date. They vary in width from 12 to 30 feet and are mineralized with variable amounts of chalcopyrite, tetrahedrite and galena. None of the showings are well documented, however Mathew (1942) mentions the existence of a strong copper mineralized vein on the Lucky Jim No. 3 claim and a silver-lead-zinc vein on the Lucky Jim No. 2 claim. The later vein, situated at 3000' in elevation, is reported to be the lowest in elevation of the five presently know. Sampling carried out on this structure in 1942 returned values of 93.25 oz Ag, Nil Au, .97% Zn, .31%P6, 2.14% Cu. over 5 ft. One part of this vein was located and resampled in October 1990, returning values of up to .244 oz Au, 1.01 oz Ag, Nil Cu, 8.14% P6 and 19.91% Zn. over one metre sample lengths. The vein is hosted by a 12 foot wide zone of intense fracturing and shearing, infilled and in part replaced by quartz, calcite and barite. Disseminated to semi-massive galena, chalcopyrite and minor tetrahedrite mineralization occurs along narrow veins and quartz seams.

The vein structure situated on the Lucky Jim No. 3 was located but not mapped or sampled due to fresh snowfall. The vein is apparently exposed by a series of deep rock trenches over a strike length of 900 feet on the claim. According to previous reports, the structure is open to the northwest and has been exposed by trenching and overburden stripping over an overall strike length of 3500 feet from the Mountain Boy fractional claim to the south, to the Lucky Jim No. 3 claim, within this group. According to Matthews (1942), the vein system strikes at 117^0 through the claim and consists of a 13 feet wide "silicified replacement zone" hosting a series of narrow quartz veins. Chalcopyrite, bornite and minor galena is reported along the veins.

Three other veins are reported to be on the property, carrying pyrite and galena however, the location of these is not known.

F) BASIN CLAIMS

The local geology of the property was mapped by A. Roberts in 1974 for Van Sea Resources Ltd. Roberts shows the area to be entirely underlain by the volcaniclastics of the Lower Jurassic Unuk River Formation. The rocks are described as green andesitic crystal and lithic tuffs, generally well bedded, siliceous and weakly pyritic. According to Roberts, these rocks have been broken and sheared and the shears and fractures replaced and infilled with vein material. The Basin Claims enclose a number of Crown Granted claims which cover important precious/base metal bearing veins of this type. During the 1990 program, one structure was located in the extreme north-east corner of the Basin 1 mineral claim. Here, a silicified fracture/shear zone, 5.5. feet wide trends 153^0 and dips 72^0 west.. The structure is traceable over a strike length of 650 feet. Fissure type quartz-breccia veins up to 1.5 feet wide and irregular quartz lenses are present throughout and are variably mineralized with galena, chalcopyrite and minor pyrite. Grad samples collected from several mineralized sections returned strong silver values (up to 15.89 oz/ton) but low gold and lead/zinc values.

GEOCHEMICAL SAMPLING RESULTS

During the period of September 26 to October 11, 1990, a total of 127 rock and 37 silt samples were collected by the crew on the various claim groups.

Silt samples were randomly collected from creeks on the property and in some cases over 50 metre intervals. The majority of samples were collected in Kraft bags and submitted to Eco-Tech Laboratories Ltd. in Kamloops, B.C.

Rock samples were collected through both random and systematic sampling procedures. Detailed sampling was carried out on all workings and hand stripped areas of interest. These rock samples were also submitted to Eco-Tech Labs for analysis.

All samples were analyzed for 30 elements - Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, P6, Sb, Sn, Sr, Ti, U, V, W, Y, Zn. by inductively coupled plasma analyzer (ICP) (See Appendix 11 for Analytical Procedures). Twenty five samples were also analyzed by fire assay and atomic absorption. Results for each silt and rock are plotted on the Figures: 5 - 8 in the Map Pocket.

ROCK GEOCHEMISTRY

The rock sample results were encouraging on several properties. On the Red Reef Claim, encouraging results were obtained from samples collected in an area of inferred strike length of the main vein structure. The most notable of these was sample GWR-4, a chip sample collected from the vein in outcrop which returned values of 0.201 oz Au, 3.35 oz Ag and 3.60% Cu. This sample was collected approximately 200 metres along strike from the last developed trench. Approximately 210 metres to the west, the crew located a narrow silicified shear zone, carrying disseminated pyrite mineralization. A grab sample (GWR-5), returned a high silver value (17.50 oz Ag) but nil gold, copper, lead or zinc. Samples GWR-1 and DLR-3 were collected from stripped sections of the main vein and returned values of .167 oz Au, 1.20 oz Ag and 1.21% Cu and 1.334 oz Au, 2.63 oz Ag and 9.27% Cu respectively. Both were continuous chip samples over 1.5 and 1.0 metre intervals and contained galena (5%) and chalcopyrite (3%) mineralized quartz vein material.

On the Lucky Jim claims, anomalous values were returned in gold, silver, lead, and zinc from samples taken from a silicified shear zone, hosting a series of sub-parallel veins containing copper/lead/zinc mineralization. Chip samples taken over the structure returned anomalous values in gold (<0.244 oz), silver (1.01 oz), lead (8.14%) and zinc (19.91%). Other samples taken from the same area also returned anomalous values in base metals. True width of the structure is estimated at 10 feet.

SILT GEOCHEMISTRY

A total of 38 silt samples were obtained from most major tributaries on the properties (Figures 5 - 8). The initial plan was to sample creeks at 500m so that anomalies with low dispersion would not go undetected. this proved impossible since most creeks became to steep to negotiate.

The silt sample results were generally low in most elements. Few anomalous values were obtained, except for zinc and lead for which some anomalous values were obtained. The generally low results were due in part to the immature nature of the streams in the area.

CONCLUSIONS AND RECOMMENDATIONS

The occurrence of highly anomalous values in silver, gold, copper, lead, zinc, mercury, antimony and barium in the mineralized zones on the Barite, Von, Lucky Jim, Red Reef and Basin claims warrants detailed geological, geochemical and geophysical follow-up. The emphasis on the brief program conducted in 1990 was on a limited regional sampling program of the property. Several accessible gossans and major stream drainage were sampled. It should be stressed however, that the 1990 geochemical program was designed to spot-check drainages and outcrops on the various properties and by no means represents a comprehensive, systematic approach to the evaluation of these claims.

The result of this program is the delineation of several mineralized trends on five of the Teuton Claim Blocks. In each case, the mineralization is associated with quartz fissure veins similar to those found at successful nearby operations.

A follow-up program of detailed geological mapping accompanied by extensive geochemical sampling is strongly recommended on all properties. Grid sampling of both soils and outcrop could delineate an anomalous to highly anomalous mineralized zone. A geophysical program would be invaluable to determine if these mineralized trends extended under the icefield and/or the bounding ridges.

A ground geophysical program could be initiated in the spring, followed by a thorough geological and geochemical program. Such a program would allow sufficient time in the summer to permit a brief interval of drilling if warranted, during the latter part of the summer to determine the extent of any mineralized zone located.

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APPENDIX 1

STATEMENT OF COSTS

STATEMENT OF COSTS

PROJECT: VON — **FOR TEUTON RESOURCES CORP.**

PERSONNEL	
15 man days @ $240/day . . . . $	3,600.00
1 man day @ $220/day	200.00
HELICOPTER	
26 hours @ $713.50/hr (fuel included)	1,855.10
ROOM AND BOARD	
8 man days @ $97.72/day	781.76
8 man days @ $40.00/day	320.00
VEHICLE	
@ $1,350/month/7 days/p. diem $50	350.00
1 day/Sept. 30 - 2 trucks.	50.00
FIELD SUPPLIES	
16 days @ $20/man/day	320.00
SAMPLES	
11 Rock @ $20/sample	220.00
9 Silt @ $20/sample	180.00
MOB./DEMOB	511.75
OFFICE	250.00
MISCELLANEOUS	
1. RADIO	128.00
2. PRO/RATE - MISC. SUPP.	62.05
3. BUS. TEL. & FAX	35.33
4. REPORT	552.00
TOTAL TO DATE	**$9,415.99**

STATEMENT OF COSTS

PROJECT: BARITE | FOR TEUTON RESOURCES CORP.

PERSONNEL	
2 man days @ $240/day . . . . $	480.00
2 man days @ $200/day	400.00
HELICOPTER	
1.9 hours @ $713.50/hr (fuel included)	1,355.65
ROOM AND BOARD	
4 man days @ $97.72/day	390.88
VEHICLE	
@ $1,350/month/2 days/p. diem $50	100.00
FIELD SUPPLIES	
4 days @ $20/man/day	80.00
SAMPLES	
23 Rock @ $20/sample	460.00
MOB./DEMOB	511.75
OFFICE	250.00
MISCELLANEOUS	
1. RADIO - 2 DAYS @ 2 DAYS X $8	32.00
2. PRO/RATE - MISC. SUPP.	62.05
3. BUS. TEL. & FAX	35.33
4. REPORT	552.00
TOTAL TO DATE	**$4,709.66**

STATEMENT OF COSTS

PROJECT: RED REEF — FOR TEUTON RESOURCES CORP.

PERSONNEL	
1 man days @ $240/day . . . . $	240.00
1 man days @ $200/day	200.00
HELICOPTER	
.4 hours @ $713.50/hr (fuel included)	285.40
ROOM AND BOARD	
2 man days @ $97.72/day	195.44
VEHICLE	
@ $1,350/months/p. diem $50.	50.00
FIELD SUPPLIES	
2 days @ $20/man/day	40.00
SAMPLES	
11 Rock @ $20/sample	220.00
MOB./DEMOB	511.75
OFFICE	250.00
MISCELLANEOUS	
1. DRAFTING MAPS	33.92
2. RADIO - 2 DAYS X $8	16.00
3. PRO/RATE - MISC. SUPP.	62.05
4. BUS. TEL. & FAX	35.33
5. REPORT	552.00
TOTAL TO DATE	**$2,691.89**

STATEMENT OF COSTS

PROJECT: LUCKY JIM | **FOR TEUTON RESOURCES CORP.**

PERSONNEL	
2 man days @ $240/day . . . . $	480.00
HELICOPTER	
.6 hours @ $713.50/hr (fuel included)	428.10
ROOM AND BOARD	
2 man days @ $97.72/day	195.44
FIELD SUPPLIES	
2 days @ $20/man/day	40.00
SAMPLES	
16 Rock @ $20/sample	320.00
MOB./DEMOB	511.75
OFFICE	250.00
MISCELLANEOUS	
1. FUEL & OIL	73.74
2. RADIO - 2 DAYS X $8	16.00
3. PRO/RATE - MISC. SUPP.	62.05
3. BUS. TEL. & FAX	35.33
4. REPORT	552.00
TOTAL TO DATE	**$2,664.41**

STATEMENT OF COSTS

PROJECT: STROHN **FOR TEUTON RESOURCES CORP.**

PERSONNEL	
2 man days @ $240/day . . . . $	480.00
1 man day @ $200/day	200.00
HELICOPTER	
4.5 hours @ $713.50/hr (fuel included)	3,210.75
ROOM AND BOARD	
3 man days @ $97.72/day	293.16
VEHICLE	
@ $1,350/Month/per diem/$50	50.00
FIELD SUPPLIES	
3 days @ $20/man/day	60.00
SAMPLES	
43 Rock @ $20/sample	860.00
13 Silt @ $20/sample	260.00
MOB./DEMOB	511.75
OFFICE	250.00
MISCELLANEOUS	
1. RADIO - 3 DAYS X $8	24.00
2. PRO/RATE - MISC. SUPP.	62.05
3. BUS. TEL. & FAX	35.33
4. REPORT	552.00
TOTAL TO DATE	**$6,849.04**

STATEMENT OF COSTS

PROJECT: BASIN | **FOR TEUTON RESOURCES CORP.**

PERSONNEL	
8 man days @ $240/day	$ 1,920.00
4 man days @ $200/day	800.00
HELICOPTER	
2.9 hours @ $713.50/hr (fuel included)	2,069.15
ROOM AND BOARD	
12 man days @ $97.72/day	1.172.64
VEHICLE	
@ $1,350/Month/per diem/$50 X 4 days	200.00
FIELD SUPPLIES	
12 days @ $20/man/day	240.00
SAMPLES	
23 Rock @ $20/sample	460.00
15 Silt @ $20/sample	300.00
MOB./DEMOB	511.75
OFFICE	250.00
MISCELLANEOUS	
1. Food	30.00
2. RADIO 12 X $8.00	96.00
3. PRO/RATE - MISC. SUPP.	62.05
4. BUS. TEL. & FAX	35.33
5. REPORT	552.00
TOTAL TO DATE	**$8,698.92**

APPENDIX 11

ASSAY TECHNIQUES AND RESULTS

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

ASSAY PROCEDURES

GOLD	Conventional fire assay with Atomic Absorption finish
ARSENIC	Aqua regia digestion, I.C.P. finish
COPPER, ZINC	Aqua regia digestion, Atomic Absorption finish

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13. Tin

Digestion	Finish
Ammonium Iodide Fusion	Hydride generation - A.A.S.

14. Tungsten

Digestion	Finish
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

15. Gold

Digestion	Finish
a) Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

b) 10g sample is roasted at 600°C then digested with hot Aqua Regia. The gold is extracted by MIBK and determined by A.A.

16. Platinum, Palladium, Rhodium

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Graphite Furnace - A.A.S.

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5. **Beryllium**

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. **Bismuth**

Digestion	Finish
Hot aqua regia	Atomic Absorption

7. **Chromium**

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. **Fluorine**

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

9. **Mercury**

Digestion	Finish
Hot aqua regia	Cold vapor generation - A.A.S.

10. **Phosphorus**

Digestion	Finish
Lithium Metaborate Fusion	I.C.P. finish

11. **Selenium**

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

12. **Tellurium**

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

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ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh nylon sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

3. Heavy Mineral Separation: Samples are screened to -20 mesh, washed and separated in Tetrabromothane. (SG 2.96)

METHODS OF ANALYSIS

All methods have either certified or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion	Finish
Hot aqua-regia	Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion	Finish
Hot aqua-regia	ICP

2. Antimony

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

3. Arsenic

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

4. Barium

Digestion	Finish
Lithium Metaborate Fusion	I.C.P.

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10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

OCTOBER 29, 1990

CERTIFICATE OF ASSAY ETS 90-9173

TEUTON RESOURCES
602 - 675 W. HASTINGS
VANCOUVER, B.C.

ASSAYS

SAMPLE IDENTIFICATION: 116 ROCK samples received OCTOBER 13, 1990
PROJECT: TEUTON S.A.

	ET#	Description		AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	CU (%)	PB (%)	ZN (%)
LUCKY JIM	9173 - 3	L.J.-J.M.R -	3	-	-	-	-	-	1.63	2.62
	9173 - 4	L.J.-J.M.R -	4	8.35 *	.244	-	-	-	8.14	5.24
	9173 - 5	L.J.-J.M.R -	5	2.71	.079	-	-	-	-	8.07
	9173 - 6	L.J.-J.M.R -	6	-	-	-	-	-	-	9.50
	9173 - 7	L.J.-J.M.R -	7	-	-	34.6	1.01	-	1.63	4.46
	9173 - 8	L.J.-J.M.R -	8	-	-	-	-	-	-	3.41
	9173 - 9	L.J.-J.M.R -	9	-	-	-	-	-	3.75	19.91
	9173 - 11	L.J.-J.M.R -	11	-	-	-	-	-	-	4.96
	9173 - 14	L.J.-G.W.-	3	-	-	-	-	-	3.30	13.40
BASIN	9173 - 17	B.A.S.-J.M.R.-	1	-	-	390.0	11.37	-	1.75	-
	9173 - 18	B.A.S.-J.M.R.-	2	-	-	419.2	12.23	-	-	-
	9173 - 19	B.A.S.-J.M.R.-	3	-	-	228.0	6.65	-	-	-
BARITE	9173 - 89	B.A.R.-G.W.R-	17	-	-	120.0	3.50	-	-	7.15
	9173 - 90	B.A.R.-G.W.R-	18	4.14	.121	415.0	12.10	-	-	16.24
BASIN	9173 - 97	B.A.S.-G.W.R-	6	-	-	128.0	3.73	-	-	2.34
	9173 - 98	B.A.S.-G.W.R-	7	-	-	410.0	11.96	-	-	7.81
	9173 -103	B.A.S.-G.W.R-	12	-	-	545.0	15.89	-	-	-
RED REEF	9173 -104	RED - G.W.R.-	1	5.74 *	.167	41.0	1.20	1.21	-	-
	9173 -105	RED - G.W.R.-	2	1.02	.030	-	-	-	-	-
	9173 -106	RED - G.W.R.-	3	3.11	.091	-	-	-	-	-
	9173 -107	RED - G.W.R.-	4	6.90 *	.201	115.0	3.35	3.60	-	-
	9173 -108	RED - G.W.R.-	5	-	-	600.0	17.50	-	-	-
	9173 -110	RED - D.L.R.-	1	1.68	.049	37.6	1.10	-	-	-
	9173 -112	RED - D.L.R.-	3	45.73 *	1.334	90.1	2.63	9.27	-	-
	9173 -113	RED - D.L.R.-	4	3.03	.088	-	-	-	-	-

NOTE: * SAMPLE SCREENED AND METALLIC ASSAYED

Jutta Jealouse

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/TEUTON#4

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

TEUTON RESOURCES - ETS 90-9173

602 - 675 WEST HASTINGS
VANCOUVER, B.C.
V6B 1N2

OCTOBER 25, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PROJECT:TEUTON S.F.
116 ROCK SAMPLES RECEIVED OCTOBER 13, 1990

	ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
	9173 - 1	L.J.-J.M.R. - 1	230	9.1	.17	11	2	86	7	.09	30	4	198	126	.89	.05	<10	.07	245	16	.04	5	50	1249	5	<20	6	<.01	<10	4	<10	2	2496
LUCKY	9173 - 2	L.J.-J.M.R. - 2	55	3.9	.31	36	3	115	<5	.05	5	2	41	47	1.17	.17	22	.04	324	4	.02	5	260	1030	11	<20	4	<.01	<10	4	<10	2	825
JIM	9173 - 3	L.J.-J.M.R. - 3	170	2.2	1.37	21	<2	66	<5	.53	169	8	114	421	3.02	.15	23	.76	3254	10	.24	4	239	>10000	<5	<20	7	<.01	36	7	<10	4	>10000
	9173 - 4	L.J.-J.M.R. - 4	>1000	21.9	.07	<5	<2	46	10	<.01	254	4	41	661	3.18	.02	13	.49	1715	2	.34	3	30	>10000	<5	<20	10	<.01	60	6	<10	<1	>10000
	9173 - 5	L.J.-J.M.R. - 5	>1000	3.3	.05	34	<2	23	<5	.03	74	1	10	159	.42	<.01	<10	.05	179	2	.12	<1	<10	1077	<5	<20	15	<.01	59	<1	<10	3	>10000
	9173 - 6	L.J.-J.M.R. - 6	195	13.3	2.79	<5	2	77	<5	.13	271	29	25	433	9.56	.08	59	1.97	5449	14	.48	<1	333	2838	<5	<20	21	.01	89	43	<10	<1	>10000
	9173 - 7	L.J.-J.M.R. - 7	130	>30.0	.31	10	<2	840	20	.21	318	4	157	587	2.16	.06	<10	.04	541	21	.32	3	1040	>10000	40	<20	11	<.01	10	26	<10	9	>10000
	9173 - 8	L.J.-J.M.R. - 8	35	2.6	.25	<5	<2	5	<5	6.00	263	3	93	24	2.31	.07	14	.25	4633	14	.16	4	429	5108	<5	<20	124	<.01	<10	14	<10	6	>10000
	9173 - 9	L.J.-J.M.R. - 9	360	19.9	.86	<5	<2	132	<5	.24	1034	13	41	855	3.36	.20	16	.50	2100	8	1.39	4	880	>10000	5	<20	<1	<.01	194	16	<10	5	>10000
	9173 - 10	L.J.-J.M.R. - 10	95	11.0	.19	86	<2	57	<5	.01	65	3	133	149	5.46	.04	21	.13	182	14	.11	4	349	8487	45	<20	65	<.01	20	12	<10	<1	8703
	9173 - 11	L.J.-J.M.R. - 11	80	3.9	.54	<5	3	54	<5	.18	413	9	139	94	3.41	.13	21	.38	2022	16	.58	5	432	7723	<5	<20	9	.01	52	23	<10	1	>10000
	9173 - 12	L.J.-G.W.- 1	5	.2	.22	<5	<2	58	<5	.29	3	<1	109	3	.44	<.01	<10	.02	140	9	.01	4	66	91	<5	<20	106	.02	<10	13	<10	<1	357
	9173 - 13	L.J.-G.W.- 2	10	1.3	.27	13	5	130	<5	.01	2	4	153	24	1.21	.23	23	.02	77	12	.01	2	380	634	<5	<20	11	<.01	<10	1	<10	1	315
	9173 - 14	L.J.-G.W.- 3	345	16.3	1.10	<5	<2	97	<5	.18	782	15	31	305	4.62	.21	22	.68	3571	5	1.13	4	1042	>10000	<5	<20	6	<.01	130	25	<10	2	>10000
	9173 - 15	L.J.-G.W.- 4	5	.5	.02	13	<2	23	<5	.42	7	11	46	87	3.60	.28	21	.30	717	1	.01	18	1610	154	5	<20	<1	.08	<10	23	<10	5	895
	9173 - 16	L.J.-G.W.- 5	220	9.1	.18	22	3	245	<5	<.01	12	1	87	40	.97	.11	<10	.02	28	204	.02	4	60	3703	14	<20	3	<.01	<10	<1	<10	<1	1691
BASIN	9173 - 17	B.A.S.-J.M.R.- 1	15	>30.0	.37	15	<2	<5	<5	4.56	13	3	34	643	3.21	.06	14	1.00	1282	5	<.01	1	295	>10000	166	<20	168	<.01	<10	9	<10	1	296
	9173 - 18	B.A.S.-J.M.R.- 2	40	>30.0	.02	17	<2	17	<5	.33	154	<1	13	215	.63	.05	<10	.18	138	<1	.08	<1	334	3473	121	<20	25	<.01	<10	<1	<10	<1	8015
	9173 - 19	B.A.S.-J.M.R.- 3	30	>30.0	.06	41	<2	16	<5	2.06	12	4	22	545	2.12	.05	<10	.66	421	2	<.01	3	235	8214	239	<20	66	<.01	26	2	<10	<1	240
	9173 - 20	B.A.S.-J.M.R.- 4	20	7.3	<.01	14	<2	6	<5	.02	1	<1	1	19	.10	.01	<10	.03	15	<1	<.01	1	115	453	10	<20	7	<.01	22	<1	<10	<1	10
	9173 - 21	B.A.S.-J.M.R.- 5	25	10.0	<.01	13	<2	<5	<5	.02	8	<1	11	63	.04	.03	<10	.02	9	1	<.01	1	336	233	40	<20	13	<.01	<10	<1	<10	<1	693
	9173 - 22	B.A.S.-J.M.R.- 6	5	3.2	1.14	<5	<2	31	11	1.65	3	280	55	22	19.04	<.01	69	1.89	497	2	<.01	4	258	114	9	<20	8	.04	86	8	<10	<1	88
	9173 - 23	B.A.S.-J.M.R.- 7	25	.8	.85	15	<2	21	6	.27	1	13	27	48	5.10	.05	21	.76	275	3	.02	5	1234	34	<5	<20	12	.10	39	82	<10	<1	34
	9173 - 24	B.A.S.-J.M.R.- 8	<5	.9	2.09	<5	2	26	<5	.33	1	8	17	28	5.84	.05	31	1.97	373	1	.03	4	1621	23	5	<20	11	.08	31	139	<10	<1	33
	9173 - 25	B.A.S.-J.M.R.- 9	<5	.7	2.35	<5	8	25	10	.42	1	18	5	183	12.44	.66	49	.50	291	12	<.01	2	571	<2	<5	<20	38	.04	56	4	<10	<1	13
STROHN	9173 - 26	S.T.R.-D.L.R.- 1	5	.2	.64	<5	<2	76	<5	2.09	15	6	27	2	1.77	.23	13	.20	942	2	<.01	4	633	38	<5	<20	44	.02	<10	8	<10	1	261

ECO-TECH LABORATORIES LTD. TEUTON RESOURCES - ETS 90-9173

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ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9173 - 27	S.T.R.-O.L.R- 2	5	.2	.84	<5	<2	57	<5	1.39	2	9	17	3	2.87	.26	17	.30	661	2	<.01	4	854	9	<5	<20	39	.03	<10	28	<10	1	118
9173 - 28	S.T.R.-O.L.R- 3	<5	<.2	.56	<5	<2	70	<5	.70	<1	4	27	<1	1.35	.25	26	.17	549	2	<.01	1	560	5	<5	<20	20	.01	<10	4	<10	1	68
9173 - 29	S.T.R.-O.L.R- 4	<5	<.2	.51	<5	<2	85	<5	3.93	1	9	8	3	3.67	.12	19	.46	2454	<1	<.01	3	1151	<2	<5	<20	82	<.01	23	24	<10	1	38
9173 - 30	S.T.R.-O.L.R- 5	<5	1.0	.25	14	<2	43	<5	2.66	1	24	3	63	5.29	.21	24	.79	2841	1	<.01	4	1504	9	7	<20	118	<.01	13	30	<10	1	66
9173 - 31	S.T.R.-O.L.R- 6	<5	.9	.18	7	<2	58	<5	1.97	1	12	3	41	3.21	.17	18	.51	1412	1	<.01	1	1337	7	<5	<20	113	<.01	<10	7	<10	<1	82
9173 - 32	S.T.R.-O.L.R- 7	15	2.5	.29	12	<2	135	<5	2.49	2	18	6	16	3.72	.24	18	.36	2427	2	<.01	3	1520	58	10	<20	70	<.01	<10	8	<10	1	86
9173 - 33	S.T.R-G.W.R.- 1	5	.4	.22	<5	<2	93	<5	1.57	1	6	34	5	1.94	.15	25	.06	1053	13	<.01	2	670	21	<5	<20	25	<.01	<10	3	<10	7	65
9173 - 34	S.T.R-G.W.R.- 2	<5	.5	.32	<5	3	64	<5	.13	1	8	42	2	2.23	.19	26	.08	347	6	<.01	2	718	10	<5	<20	6	<.01	<10	5	<10	4	86
9173 - 35	S.T.R-G.W.R.- 3	<5	.5	.24	<5	<2	54	<5	.58	1	3	46	2	2.02	.13	30	.09	827	6	<.01	1	767	5	5	<20	12	<.01	<10	9	<10	7	70
9173 - 36	S.T.R-G.W.R.- 4	<5	.5	.30	<5	<2	43	<5	.69	1	4	59	6	2.05	.19	27	.07	538	7	.01	4	750	11	<5	<20	12	.01	<10	9	<10	5	164
9173 - 37	S.T.R-G.W.R.- 5	15	.6	.17	<5	<2	82	<5	.64	1	3	45	6	1.88	.15	30	.03	811	7	<.01	3	785	11	5	<20	15	<.01	<10	7	<10	5	260
9173 - 38	S.T.R-G.W.R.- 6	10	.2	.26	<5	<2	50	<5	1.16	1	5	37	7	2.22	.19	28	.11	991	6	<.01	2	823	9	<5	<20	30	<.01	<10	12	<10	5	308
9173 - 39	S.T.R-G.W.R.- 7	5	<.2	.14	<5	<2	165	<5	4.56	1	3	113	3	1.28	.09	7	.45	607	9	<.01	4	133	7	<5	<20	317	<.01	<10	1	<10	4	65
9173 - 40	S.T.R-G.W.R.- 8	5	<.2	1.67	<5	<2	131	<5	.70	1	6	182	8	2.73	.07	10	1.19	431	11	.03	5	303	<2	<5	<20	68	<.01	<10	28	<10	<1	33
9173 - 41	S.T.R-G.W.R.- 9	15	.5	1.11	<5	<2	46	<5	.91	1	16	41	197	3.56	.64	18	.72	379	73	.08	3	2233	<2	<5	<20	11	.22	16	88	<10	4	43
9173 - 42	S.T.R-G.W.R.- 10	5	.2	1.23	<5	<2	696	<5	1.52	1	8	68	7	2.34	.34	29	.72	453	5	.02	4	950	19	<5	<20	83	.01	<10	20	<10	<1	134
9173 - 43	S.T.R-G.W.R.- 11	5	1.0	1.17	18	<2	39	<5	5.05	3	28	15	144	5.65	.35	27	1.34	4664	1	<.01	2	1202	54	5	<20	117	.03	<10	84	<10	<1	207
9173 - 44	S.T.R-G.W.R.- 12	5	<.2	.04	7	<2	15	<5	26.94	14	5	4	163	1.30	.07	17	.25	8667	1	<.01	<1	63	<2	6	<20	332	<.01	17	<1	<10	4	1156
9173 - 45	S.T.R-G.W.R.- 13	<5	4.3	.26	9	<2	39	<5	5.41	6	9	26	2733	3.52	.19	19	.43	3929	3	<.01	<1	1161	17	24	<20	122	<.01	<10	3	<10	2	61
9173 - 46	S.T.R-G.W.R.- 14	38	1.2	.33	39	<2	130	<5	4.84	3	14	8	73	2.92	.24	17	.11	2581	4	<.01	<1	1137	44	5	<20	536	<.01	<10	11	<10	4	543
9173 - 47	S.T.R-G.W.R.- 15	<5	<.2	.61	<5	<2	45	<5	16.76	2	3	30	<1	1.71	.02	13	.67	10133	1	<.01	<1	217	<2	<5	<20	3393	<.01	<10	14	<10	12	72
9173 - 48	S.T.R-G.W.R.- 16	<5	.2	.15	<5	<2	69	<5	3.27	<1	1	44	5	.29	.18	11	.03	1867	4	<.01	<1	425	114	<5	<20	43	<.01	<10	2	<10	4	49
9173 - 49	S.T.R.-J.M.R- 1	15	1.3	2.38	<5	<2	33	<5	.42	1	37	10	5	8.20	.20	29	2.22	546	4	.03	2	960	55	<5	<20	9	.01	43	39	<10	<1	162
9173 - 50	S.T.R.-J.M.R- 2	35	.6	.91	<5	6	61	<5	.13	3	7	17	1	1.76	.40	19	.42	96	4	.03	2	944	22	<5	<20	11	<.01	<10	17	<10	<1	38
9173 - 51	S.T.R.-J.M.R- 3	<5	1.2	.35	<5	6	45	<5	.07	2	13	11	2	2.32	.23	16	.11	8	4	.07	1	738	58	<5	<20	10	<.01	<10	4	<10	<1	54
9173 - 52	S.T.R.-J.M.R- 4	<5	2.2	1.36	<5	7	22	<5	.17	28	21	13	9	5.42	.22	23	1.15	360	4	.06	<1	1110	194	<5	<20	10	<.01	<10	45	<10	<1	598
9173 - 53	S.T.R.-J.M.R- 5	10	7.6	2.66	<5	<2	47	<5	.26	1	19	7	4	7.49	.10	35	2.19	699	1	.07	<1	1502	52	<5	<20	8	.01	33	115	<10	<1	101
9173 - 54	S.T.R.-J.M.R- 6	5	3.4	2.51	<5	3	47	<5	.15	1	20	15	6	6.90	.24	31	2.04	695	1	.04	11	1231	57	<5	<20	5	.01	41	64	<10	<1	115
9173 - 55	S.T.R.-J.M.R- 7	<5	.8	1.31	<5	4	39	<5	.13	1	10	24	3	3.62	.13	17	1.13	284	4	.05	<1	843	65	<5	<20	3	<.01	11	20	<10	<1	103
9173 - 56	S.T.R.-J.M.R- 8	<5	.5	1.19	<5	2	25	<5	.14	1	9	27	4	3.51	.16	18	1.00	247	5	.05	1	863	27	<5	<20	6	<.01	<10	19	<10	<1	58
9173 - 57	S.T.R.-J.M.R- 9	45	10.5	1.45	49	5	32	8	.03	2	44	43	62	11.53	.08	41	1.45	529	11	.05	2	379	212	18	<20	27	.01	69	27	<10	<1	124
9173 - 58	S.T.R.-J.M.R- 10	5	.9	1.33	<5	3	35	<5	.12	1	11	20	5	3.51	.10	17	1.21	512	6	.05	1	812	33	<5	<20	6	.01	29	24	<10	<1	57
9173 - 59	S.T.R.-J.M.R- 11	30	2.8	2.07	59	2	29	<5	.12	1	42	24	21	8.30	.10	30	1.97	449	7	.06	3	835	126	<5	<20	4	.01	55	37	<10	<1	75
9173 - 60	S.T.R.-J.M.R- 12	5	.5	1.25	<5	3	32	<5	.09	<1	6	25	3	3.25	.12	18	1.09	278	4	.05	<1	782	19	<5	<20	16	<.01	<10	19	<10	<1	67
9173 - 61	S.T.R.-J.M.R- 13	20	1.0	2.35	<5	3	30	6	.08	1	25	6	3	7.68	.14	27	2.27	508	3	.04	1	723	51	<5	<20	3	.01	42	46	<10	<1	168
9173 - 62	S.T.R.-J.M.R- 14	20	3.1	2.37	31	4	28	<5	.13	1	22	14	30	9.83	.15	38	1.88	742	6	.05	1	1110	257	<5	<20	5	.01	42	100	<10	<1	207
9173 - 63	S.T.R.-J.M.R- 15	15	11.7	.05	28	9	21	<5	.24	3	<1	133	14	.94	<.01	5	.04	410	15	.02	2	204	2166	5	<20	158	<.01	<10	20	<10	<1	340

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	ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
	9173 - 64	S.I.R.-J.M.R.- 16	15	4.9	.14	11	<2	92	<5	1.39	1	4	150	10	5.87	<.01	22	.21	833	19	<.01	3	207	542	5	<20	126	.01	<10	43	<10	<1	387
STROHN	9173 - 65	S.I.R.-J.M.R.- 17	15	.8	1.26	6	2	15	<5	.37	1	28	42	65	4.78	.15	19	.88	787	10	.03	78	641	88	<5	<20	83	<.01	<10	40	<10	<1	141
	9173 - 66	S.I.R.-J.M.R.- 18	5	.2	.78	<5	<2	58	<5	1.06	1	5	38	7	1.70	.15	11	.60	387	2	.02	1	814	5	<5	<20	89	.06	<10	16	<10	<1	69
	9173 - 67	S.I.R.-J.M.R.- 19	15	1.3	.56	36	<2	25	<5	2.32	<1	9	49	6	3.06	.14	18	.22	595	23	<.01	2	774	21	5	<20	81	.03	<10	30	<10	2	81
	9173 - 68	S.I.R.-J.M.R.- 20	5	2.6	.12	<5	<2	387	<5	2.30	1	3	62	6	.85	.13	6	.13	849	4	<.01	1	359	8	<5	<20	54	<.01	<10	4	<10	<1	28
	9173 - 69	B.A.R.-D.L.R.- 1	10	5.3	.06	60	2	<5	<5	.04	<1	2	56	5	1.29	.08	5	.02	19	6	.01	<1	74	39	21	<20	1	<.01	<10	<1	<10	<1	8
BARITE	9173 - 70	B.A.R.-D.L.R.- 2	15	.4	.11	<5	2	32	<5	.04	<1	1	42	<1	1.03	.11	12	.02	78	4	.01	1	565	50	<5	<20	8	<.01	<10	<1	<10	<1	54
	9173 - 71	B.A.R.-D.L.R.- 3	15	1.4	.15	53	2	44	<5	.04	1	1	56	3	1.80	.10	16	.05	41	5	.01	3	564	52	<5	<20	8	<.01	<10	2	<10	<1	74
	9173 - 72	B.A.R.-D.L.R.- 4	15	1.2	.12	43	2	53	<5	.02	1	2	22	24	2.01	.08	10	.06	58	3	.01	1	556	51	9	<20	<1	<.01	<10	2	<10	<1	42
	9173 - 73	B.A.R.-G.W.R.- 1	30	3.4	.59	45	<2	10	<5	.45	1	7	72	47	3.55	.04	22	.08	134	9	.03	3	489	66	10	<20	6	<.01	<10	1	<10	<1	126
	9173 - 74	B.A.R.-G.W.R.- 2	10	13.0	.14	228	2	6	<5	.07	30	7	43	32	3.62	.05	19	.08	35	2	.02	<1	561	1121	81	<20	7	<.01	<10	<1	<10	<1	1504
	9173 - 75	B.A.R.-G.W.R.- 3	15	.3	2.14	<5	4	33	<5	.21	1	29	14	769	8.15	.11	30	1.39	1561	<1	.01	4	1045	<2	<5	<20	16	.02	11	146	<10	<1	239
		B.A.R.-G.W.R.- 4	15	18.5	1.48	<5	4	43	<5	.16	77	22	43	9296	8.86	.09	31	1.03	1053	1	.10	4	250	367	<5	<20	15	.04	16	132	<10	<1	9741
		B.A.R.-G.W.R.- 5	<5	.9	1.08	<5	<2	42	7	.26	1	11	64	26	4.94	.15	25	.91	858	6	.03	4	819	8	8	<20	15	.02	<10	83	<10	<1	184
		B.A.R.-G.W.R.- 6	30	3.9	2.56	<5	5	92	6	.19	3	18	20	3195	11.93	.16	47	1.70	1093	<1	.02	2	965	7	<5	<20	17	.09	59	184	<10	<1	244
		B.A.R.-G.W.R.- 7	15	5.9	.17	35	5	<5	8	.07	5	3	106	37	4.08	.12	21	.10	169	12	.02	4	248	250	27	<20	7	<.01	<10	11	<10	<1	398
		B.A.R.-G.W.R.- 8	35	2.5	.07	88	3	21	7	.10	4	6	70	14	3.29	.13	23	.08	64	11	.02	4	578	242	16	<20	19	<.01	<10	4	<10	<1	213
		B.A.R.-G.W.R.- 9	45	12.6	.16	64	4	19	<5	.09	1	5	101	22	4.61	.16	21	.10	55	12	.02	3	418	592	15	<20	17	<.01	20	2	<10	<1	34
		B.A.R.-G.W.R.- 10	<5	7.5	1.64	37	<2	16	7	1.62	3	5	72	130	5.51	1.79	30	.19	194	10	.03	3	619	5761	27	<20	24	.01	<10	26	<10	<1	119
		B.A.R.-G.W.R.- 11	28	4.3	.19	46	6	6	11	.02	2	4	137	9	4.26	.20	22	.08	37	31	.02	4	265	537	28	<20	12	<.01	<10	4	<10	<1	145
		B.A.R.-G.W.R.- 12	10	3.0	.21	20	5	94	<5	.00	1	<1	124	12	1.43	.24	19	.04	28	11	.02	6	167	1445	<5	<20	8	<.01	<10	5	<10	<1	34
		B.A.R.-G.W.R.- 13	25	15.5	.92	345	<2	29	19	1.04	9	12	127	74	19.61	.04	49	.40	55	32	.04	4	138	254	147	<20	2	.01	56	<1	<10	<1	548
		B.A.R.-G.W.R.- 14	10	1.6	.41	31	4	101	7	.13	1	3	166	10	2.85	.27	26	.10	73	13	.02	8	738	37	6	<20	20	<.01	<10	13	<10	<1	39
		B.A.R.-G.W.R.- 15	<5	7.7	.21	140	6	7	10	.10	2	9	142	30	7.98	.15	33	.16	19	16	.02	4	594	104	22	<20	17	<.01	<10	5	<10	<1	83
		B.A.R.-G.W.R.- 16	15	24.5	1.23	40	<2	47	46	2.19	14	9	100	203	13.10	1.91	44	.28	71	21	.03	13	319	1123	141	<20	<1	.01	107	<1	<10	<1	948
		B.A.R.-G.W.R.- 17	300	>30.0	.27	46	<2	27	37	.58	157	4	13	246	6.09	.46	20	.13	67	2	.21	7	117	2319	91	<20	<1	<.01	28	5	<10	<1	>10000
		B.A.R.-G.W.R.- 18	>1000	>30.0	.03	68	<2	5	5	.01	258	<1	8	406	.77	<.01	4	.03	88	1	.39	3	175	3336	154	<20	6	<.01	<10	<1	<10	<1	>10000
		B.A.R.-G.W.R.- 19	<5	4.8	.32	624	5	26	16	.13	12	10	15	26	7.44	<.01	28	.21	55	4	.02	3	936	396	73	<20	13	.01	53	8	<10	<1	1204
		B.A.S.-G.W.R.- 1	<5	2.2	.42	<5	<2	52	<5	1.97	2	4	24	4	2.33	.15	12	.72	802	2	<.01	1	832	266	<5	<20	70	<.01	<10	10	<10	<1	178
BASIN		B.A.S.-G.W.R.- 2	5	.2	.71	<5	4	5	<5	.05	1	2	82	4	1.53	.07	14	.55	260	4	.04	4	316	26	<5	<20	3	<.01	<10	9	<10	<1	84
		B.A.S.-G.W.R.- 3	<5	<.2	1.65	<5	<2	55	<5	1.70	1	11	21	20	3.65	.14	17	1.31	927	1	.01	5	837	32	<5	<20	22	.06	<10	104	<10	<1	66
		B.A.S.-G.W.R.- 4	15	.4	.99	<5	<2	10	<5	.21	1	41	32	1	2.98	.06	14	.91	275	4	.04	10	796	13	<5	<20	32	.08	<10	35	<10	<1	47
		B.A.S.-G.W.R.- 5	5	9.6	1.03	6	<2	<5	<5	.63	2	35	20	40	4.32	.06	21	1.07	449	3	.03	3	713	392	9	<20	35	.05	<10	46	<10	<1	50
		B.A.S.-G.W.R.- 6	20	>30.0	.31	143	<2	19	<5	.51	505	13	20	497	3.61	.00	13	.36	245	5	.28	2	360	6387	360	<20	47	.01	<10	13	<10	<1	>10000
		B.A.S.-G.W.R.- 7	55	>30.0	.01	36	<2	40	<5	.22	288	<1	11	225	.49	.04	0	.09	109	<1	.19	4	168	3469	168	<20	<1	<.01	91	<1	<10	<1	>10000
		B.A.S.-G.W.R.- 8	30	2.6	4.52	<5	<2	42	9	1.10	8	131	7	13	17.24	.07	67	4.82	1796	1	.02	<1	803	118	<5	<20	61	.06	46	47	<10	<1	370
		B.A.S.-G.W.R.- 9	20	2.5	4.15	<5	11	40	25	.75	4	62	22	32	16.02	.16	64	3.79	1794	4	.02	4	823	50	6	<20	99	.11	73	60	<10	<1	173

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	ETS	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
BASIN	9173 - 101	B.A.S.-G.W.R- 10	<5	1.5	3.58	<5	7	31	22	.67	3	85	14	216	15.19	.05	61	3.49	1330	5	.03	3	1062	19	6	<20	74	.11	59	51	<10	<1	181
	9173 - 102	B.A.S.-G.W.R- 11	<5	7.1	.29	55	36	56	30	.06	2	57	30	517	34.42	<.01	120	.99	165	<1	.04	3	290	27	<5	<20	4	.02	139	<1	<10	<1	34
	9173 - 103	B.A.S.-G.W.R- 12	15	>30.0	.41	200	<2	13	8	1.46	24	28	25	372	4.45	.07	26	.58	509	4	.01	3	740	2702	696	<20	113	.01	10	5	<10	<1	882
RED REEF	9173 - 104	RED - G.W.R.- 1	>1000	>30.0	1.76	<5	<2	56	<5	.43	8	40	98	>10000	5.33	.55	18	.59	336	13	.01	6	426	29	5	<20	74	.13	<10	104	<10	<1	199
	9173 - 105	RED - G.W.R.- 2	>1000	9.7	3.78	<5	<2	47	<5	2.83	4	25	41	3394	5.67	1.32	20	1.22	589	4	.04	9	1779	<2	<5	<20	52	.19	<10	179	<10	<1	93
	9173 - 106	RED - G.W.R.- 3	>1000	25.2	.07	18	<2	105	<5	.26	5	10	127	7099	3.04	.17	10	.25	125	16	.01	6	166	10	<5	<20	16	.05	<10	53	<10	<1	125
	9173 - 107	RED - G.W.R.- 4	>1000	>30.0	1.19	<5	<2	53	<5	1.70	14	13	29	>10000	9.32	.21	32	.84	724	2	<.01	4	<10	30	<5	<20	34	.04	<10	41	<10	<1	288
	9173 - 108	RED - G.W.R.- 5	45	>30.0	2.33	<5	<2	11	<5	4.90	33	24	70	1655	6.33	.19	32	2.99	1170	1	<.01	33	1450	7998	875	<20	249	.01	11	74	<10	<1	1137
	9173 - 109	RED - G.W.R.- 6	105	3.0	4.51	<5	<2	32	18	2.16	2	24	42	268	7.83	1.82	26	1.37	603	1	.03	6	1532	24	<5	<20	153	.19	40	134	<10	<1	47
	9173 - 110	RED - D.L.R.- 1	>1000	>30.0	1.46	23	<2	39	<5	.38	8	64	68	5374	4.62	.47	16	.50	230	4	.02	6	1205	131	11	<20	24	.05	<10	67	<10	<1	37
	9173 - 111	RED - D.L.R.- 2	150	3.6	2.71	<5	<2	66	10	.64	2	21	29	1033	5.46	1.25	19	1.07	324	<1	.02	9	2151	<2	<5	<20	8	.15	31	186	<10	<1	[illegible]
	9173 - 112	RED - D.L.R.- 3	>1000	>30.0	1.21	<5	5	86	<5	.31	36	18	51	>10000	10.33	.25	35	.56	200	14	<.01	9	310	30	5	<20	9	.06	<10	42	<10	<1	8[illegible]
	9173 - 113	RED - D.L.R.- 4	>1000	25.7	3.85	<5	<2	50	<5	2.26	6	14	55	8571	4.17	1.16	15	.88	199	5	<.01	6	1466	<2	<5	<20	187	.16	33	126	<10	<1	
	9173 - 114	RED - D.L.R.- 5	320	4.2	1.91	<5	<2	100	<5	1.44	3	14	55	2164	3.44	.51	13	.41	355	4	.01	5	1806	<2	<5	<20	32	.13	<10	105	<10	<1	
BASIN	9173 - 115	B.A.S -DL-R- 1	<5	.3	.13	<5	<2	728	<5	8.30	<1	1	108	35	.47	.05	5	.30	1091	8	<.01	14	93	<2	5	<20	139	.00	<10	2	<10	3	
	9173 - 116	B.A.S -DL-R- 2	<5	.2	.34	<5	<2	228	<5	6.34	<1	3	71	28	.92	.00	9	.26	919	7	<.01	1	234	<2	4	<20	86	.00	<10	4	<10	2	

NOTE: < = LESS THAN
> = GREATER THAN

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TEUTON RESOURCES - ETS 90-9172

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
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602 - 675 W. HASTINGS
VANCOUVER, B.C., V6B 1N2

NOVEMBER 1, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: TEUTON S.A.J
30 SILT SAMPLES RECEIVED OCTOBER 13, 1990

Area	ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
STROHN	9172 - 1	DL-STR- 1	5	.7	1.11	33	9	83	<5	.43	2	15	2	24	3.71	.12	34	.51	2001	5	<.01	4	927	59	5	<20	24	.03	<10	31	10	3	367
	9172 - 2	DL-STR- 2	10	.3	1.15	15	11	83	<5	.25	1	12	<1	29	3.19	.11	42	.35	1500	3	<.01	3	736	38	<5	<20	13	.01	<10	21	12	1	310
	9172 - 3	DL-STR- 3	5	3.8	1.33	31	9	117	<5	.39	5	14	4	23	4.23	.08	44	.57	2697	3	<.01	11	963	109	7	<20	23	.02	<10	85	14	3	549
	9172 - 4	DL-STR- 4	<5	1.0	1.63	34	12	156	<5	.39	11	22	1	24	4.24	.09	47	.74	3662	4	<.01	4	981	119	<5	<20	32	.02	<10	115	36	5	967
	9172 - 5	DL-STR- 5	<5	1.4	2.41	5	<2	185	<5	2.01	8	34	<1	54	8.17	.13	57	1.15	5620	5	<.01	4	1292	178	<5	<20	44	.01	18	93	<10	<1	863
	9172 - 6	DL-STR- 6	<5	1.1	.79	<5	6	144	<5	.63	3	12	1	26	3.28	.08	35	.42	3672	3	<.01	1	646	107	<5	<20	38	.06	<10	50	17	2	627
	9172 - 7	DL-STR- 7	<5	.5	.34	11	16	548	<5	.46	1	12	1	25	5.73	.09	44	.22	2157	2	<.01	3	1629	50	8	<20	15	.05	<10	74	<10	4	153
	9172 - 8	DL-STR- 8	5	.4	.30	8	14	564	<5	.43	1	9	<1	25	4.11	.09	38	.17	1874	1	<.01	<1	1444	32	6	<20	14	.04	<10	52	<10	5	14[illegible]
STROHN	9172 - 9	STR-JNS- 1	5	.9	1.02	33	11	311	<5	.59	3	16	2	26	4.31	.10	32	.71	1636	3	<.01	12	1441	40	7	<20	24	.06	<10	44	<10	6	[illegible]
	9172 - 10	STR-JNS- 2	<5	3.4	1.34	40	11	324	<5	.49	7	19	2	46	4.34	.14	35	.86	2360	4	<.01	8	1339	270	8	<20	21	.07	<10	44	<10	9	513
	9172 - 11	STR-JNS- 3	5	1.7	1.03	21	3	192	<5	1.05	2	15	2	38	3.78	.11	28	.72	1544	3	<.01	10	1154	48	<5	<20	27	.06	<10	41	<10	3	238
BASIN	9172 - 12	BAS-JNS 1	5	.2	2.01	15	18	137	<5	.59	1	24	2	46	5.00	.06	34	1.71	1271	1	<.01	4	1342	8	5	<20	23	.09	<10	104	<10	3	86
	9172 - 13	BAS-JNS 2	<5	.2	2.11	14	16	150	<5	.60	1	26	4	48	5.16	.09	36	1.80	1440	1	<.01	5	1396	9	2	<20	23	.06	<10	104	<10	4	87
STROHN	9172 - 14	STR-GWS- 1	5	1.3	1.26	41	12	344	<5	.33	4	13	3	32	3.95	.06	29	.75	1382	5	<.01	18	1046	82	6	<20	14	.06	<10	26	<10	7	349
	9172 - 15	STR-GWS- 2	20	2.6	1.96	21	9	218	<5	.41	6	22	16	80	4.70	.22	47	.85	6028	3	<.01	13	1280	252	6	<20	16	.07	<10	65	21	15	774
	9172 - 16	STR-GWS- 3	<5	3.2	.89	44	4	771	<5	1.29	4	36	1	88	5.73	.21	44	.39	7457	4	<.01	3	1603	143	7	<20	41	.03	<10	45	<10	6	423
	9172 - 17	STR-GWS- 4	10	7.7	1.05	48	<2	960	<5	2.32	6	36	4	102	5.34	.22	43	.51	7304	3	<.01	4	1476	290	8	<20	38	.03	<10	51	16	8	621
BASIN	9172 - 18	BWS-DL-S- 1	5	7.0	1.70	90	32	230	<5	.63	3	22	4	43	4.71	.05	32	.94	2212	4	<.01	4	1003	234	8	<20	25	.02	<10	51	<10	2	359
	9172 - 19	BWS-DL-S- 2	15	.7	1.91	71	18	144	<5	.63	2	16	2	31	4.16	.04	27	.96	1874	2	<.01	3	887	49	<5	<20	29	.03	<10	51	<10	<1	226
	9172 - 20	BWS-DL-S- 3	8	.2	2.14	22	16	116	<5	.77	1	32	9	34	4.12	.06	25	1.17	1335	2	<.01	6	775	17	<5	<20	25	.04	<10	66	<10	<1	240
	9172 - 21	BWS-DL-S- 4	8	<.2	2.11	33	17	101	<5	1.20	3	29	<1	143	7.94	.03	41	1.16	754	9	<.01	3	668	12	5	<20	46	.04	28	81	<10	<1	258
	9172 - 22	BWS-DL-S- 5	10	3.6	1.53	23	6	632	<5	.60	4	17	5	100	3.96	.13	41	.74	4041	1	<.01	4	1238	97	<5	<20	33	.04	<10	68	15	8	447
	9172 - 23	BWS-DL-S- 6	5	8.7	1.01	91	17	201	<5	.19	5	20	<1	76	5.94	.13	79	.31	4016	3	<.01	3	1098	236	25	<20	16	.02	<10	31	19	8	610
	9172 - 24	BWS-DL-S- 7	15	1.9	1.07	<5	<2	421	<5	2.19	2	16	5	80	4.79	.07	33	.78	3018	8	<.01	2	1137	61	6	<20	20	.07	<10	89	<10	2	293
BARITE	9172 - 25	DL SILT- 1 BAR	5	18.5	.86	38	13	92	<5	.53	3	11	1	87	4.26	.07	33	.46	1278	2	<.01	3	1107	90	29	<20	21	.04	<10	45	<10	2	332
	9172 - 26	DL SILT- 2 BAR	35	2.5	2.28	35	18	251	<5	.32	23	35	22	575	14.00	.07	80	1.57	>10000	3	<.01	5	894	459	9	<20	39	.05	31	194	87	<1	1849

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PAGE 2

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
9172 - 27	DL SILT- 3 BAR	>190	2.4	2.17	34	6	240	<5	.51	34	35	20	492	13.85	.07	75	1.43	>10000	3	<.01	4	917	730	8	<20	44	.05	35	170	133	<1	2825
9172 - 28	DL SILT- 4 BAR	*305	2.9	2.03	41	5	283	<5	.56	37	33	18	538	12.95	.06	75	1.32	>10000	3	<.01	4	936	924	8	<20	55	.04	19	155	126	1	2811
9172 - 29	DL SILT- 5 BAR	5	1.4	.81	34	13	113	<5	.31	3	16	<1	30	3.70	.07	32	.40	1490	1	<.01	1	947	98	5	<20	16	.03	<10	40	<10	2	275
9172 - 30	DL SILT- 6 BAR	5	2.8	.86	36	13	129	<5	.38	4	10	<1	43	3.66	.08	31	.38	1523	1	<.01	1	985	76	6	<20	20	.03	<10	45	<10	3	457
9172 - 31	DL SILT- 7 BAR	<5	2.0	.47	153	15	157	<5	.20	7	14	<1	32	4.02	.08	43	.19	1004	3	<.01	<1	987	243	18	<20	18	.01	<10	15	<10	2	585
9172 - 32	DL SILT- 8 BAR	<5	2.1	.63	39	16	113	<5	.27	5	12	<1	29	3.43	.09	39	.22	1643	2	<.01	2	1197	114	11	<20	21	.02	<10	20	<10	4	369
9172 - 33	DL SILT- 9 BAR	<5	8.8	1.08	93	18	155	<5	.13	5	17	<1	64	5.80	.09	53	.30	3263	3	<.01	2	924	247	27	<20	14	.02	<10	25	14	4	531
9172 - 34	DL SILT- 10 BAR	15	3.4	.66	43	15	94	<5	.18	5	10	<1	33	3.60	.07	37	.24	1479	2	<.01	<1	342	108	13	<20	15	.01	<10	24	<10	3	395
9172 - 35	DL SILT- 11 BAR	30	2.2	.89	41	8	46	<5	.90	4	11	<1	75	4.51	.06	34	.48	1367	2	<.01	6	1322	195	9	<20	30	.06	<10	26	16	3	342
9172 - 36	DL SILT- 13 BAR	10	3.4	1.11	57	14	203	<5	.43	8	15	3	39	4.24	.13	41	.48	2502	3	<.01	9	1263	167	10	<20	26	.04	<10	35	22	6	497
9172 - 37	DL SILT- 14 BAR	20	4.4	1.06	34	14	175	<5	.41	6	13	4	39	4.05	.10	37	.48	1985	3	<.01	10	1269	169	11	<20	24	.04	<10	34	29	5	612
9172 - 38	DL SILT- 15 BAR	<5	2.1	1.02	31	13	150	<5	.39	5	13	8	23	3.79	.07	33	.54	1985	2	<.01	10	1268	123	8	<20	23	.03	<10	44	33	4	573

BARITE

NOTE: < = LESS THAN
* = INSUFFICIENT SAMPLE

cc: J. MCCAFFERY
NICHOLSON & ASSOCIATES
606 - 675 W. HASTINGS, VANCOUVER, B.C.
V6B 2N1

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JUTTA JEALOUSE
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SC90/TEUTON #5

APPENDIX 111

CERTIFICATE

STATEMENT OF QUALIFICATIONS

I, Gordon Wilson, do hereby certify that:

1. I am a consulting geologist with offices at #606 - 675 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of Calgary, with a Bachelor of Science, Geology.

3. I have worked in geology in B.C., Manitoba, Saskatchewan, Ontario, Yukon and Idaho, U.S.A. since 1973.

4. I am the author of this report and my findings are based on work undertaken on the property between September 27 and October 14, 1990.

5. I have no interest in the properties or securities of Teuton Resources Corporation, nor do I anticipate any.

6. Teuton resources Corp. and affiliates are hereby authorized to use this report in, or in conjunction with, any prospectus or statement of material facts.

Dated at Vancouver, B.C., this 31st day of December, 1990.

Gordon Wilson

Gordon Wilson

* See Appendix 11 for Analytical Results

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

LOCATION: STEWART

SAMPLE NO.	LOCATION	DESCRIPTION
VON-JMR-1	VON CLAIMS	Cherty, altered Arg. TR. CAg, Pg, Brecciated, Float
VON-JMR-2	VON CLAIMS	Diss. Py in very silicious Arg. Float
VON-JMR-3	VON CLAIMS	SAME AS ABOVE
VON-JMR-4	VON CLAIMS	SAME AS ABOVE
VON-JMR-5	VON CLAIMS	Silicious, w/o, vuggy altered Arg.

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

LOCATION: STEWART

SAMPLE NO.	LOCATION	DESCRIPTION
BAS-JMR-1	BASIN	Pbs, CPy, in altered sandstone/volcanic contact, some Breccia, Grab
BAS-JMR-2	BASIN	SAME AS ABOVE
BAS-JMR-3	BASIN	SAME AS ABOVE
BAS-JMR-4	BASIN	SAME AS ABOVE
BAS-JMR-5	BASIN	SAME AS ABOVE
BAS-JMR-6	BASIN	HIGHGRADE GRAB OF MASSIVE, WEATHERED OUT SULPHIDES
BAS-JMR-7	BASIN	ALTERED VOLCANICS WITH Py. TR.CPy IN SMALL SHEAR
BAS-JMR-8	BASIN	SAME AS ABOVE
BAS-JMR-9	BASIN	QUARTZ STRINGERS IN ALTERED SANDSTONES. Py, ARSENO

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

LOCATION: STEWART

SAMPLE NO.	LOCATION	DESCRIPTION
LJ-JMR-1	LUCKY JIM	CHALCODONIC QUARTZ VEIN 3.75 M. WIDE CPbs, ARSENO IN STRINGERS, TRENDING 120^0
LJ-JMR-2	LUCKY JIM	SAME AS ABOVE
LJ-JMR-3	LUCKY JIM	CHALCADONIC QUARTZ, VUGGY, HONEY COMBED, Pbs, 2ns, CPy
LJ-JMR-4	LUCKY JIM	SAME AS ABOVE
LJ-JMR-5	LUCKY JIM	SAME AS ABOVE
LJ-JMR-6	LUCKY JIM	HYDROZINCITE IN ALTERED ARG. C DISS. Pbs AND CHALC QTZ. VEINLETTE, LENS, CONTACT ROCK. WEAKLY MAGNETIC
LJ-JMR-7	LUCKY JIM	GALENA IN ALTERED, SILICIOUS META-SED, SILICIOUS, BRECCIATED, GRAPHITIC
LJ-JMR-8	LUCKY JIM	SAME AS ABOVE
LJ-JMR-9	LUCKY JIM	SAME AS ABOVE
LJ-JMR-10	LUCKY JIM	VUGGY, CHALCADONIC QUARTZ
LJ-JMR-11	LUCKY JIM	SAME AS ABOVE

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

LOCATION: STEWART

SAMPLE NO.

STR-JMR-1	STROHN	Py STR. CPy IN ALTERED W/O VOLCANICS, GRABS — where is this from??
STR-JMR-2	STROHN	SAME AS ABOVE
STR-JMR-3	STROHN	SAME AS ABOVE
STR-JMR-4	STROHN	SAME AS ABOVE
STR-JMR-5	STROHN	SAME AS ABOVE
STR-JMR-6	STROHN	SAME AS ABOVE
STR-JMR-7	STROHN	SAME AS ABOVE
STR-JMR-8	STROHN	SAME AS ABOVE
STR-JMR-9	STROHN	SAME AS ABOVE
STR-JMR-10	STROHN	SAME AS ABOVE
STR-JMR-11	STROHN	SAME AS ABOVE
STR-JMR -12	STROHN	SAME AS ABOVE
STR-JMR-13	STROHN	Py, IN HAZELTON VOLCANICS
STR-JMR-14	STROHN	SAME AS ABOVE
STR-JMR-15	STROHN	Py, IN SILICIOUS HAZELTON VOL
STR-JMR-16	STROHN	CHERTY, JASPERIOD,C Py,TR,CPy, FLOAT
STR-JMR-17	STROHN	PHYLILLITIC, Py, QTZ STRINGERS FLOAT, GRAB FROM ABOVE O/C
STR-JMR-18	STROHN	PHYLILITIC,Py, QTZ, STRINGERS FLOAT, GRAB FROM ABOVE O/C
STR-JMR-19	STROHN	SAME AS ABOVE
STR-JMR-20	STROHN	SAME AS ABOVE

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC	DESCRIPTION
GW-R-1	VON	grab sample from qtz. lense in shear. Siltstone host. Pyrite and minor malachite
GW-R-2	VON	grab sample from quartz-carbonate vein, .5 to 1.2 metres wide. Pyrite and galena blebs throughout
GW-R-3	VON	grab sample from intensively altered siltstone outcrop. diss. py to 3% throughout
GW-R-4	VON	grab: silicified lithic tuff with graphitic stringers and carbonate veinlets; trace of pyrite
GW-R-5	VON	grab. quartz vein (8" wide) limonitically stained, disseminated pyrite to 1%
GW-R-6	VON	Chip sample across 1 metre outcrop. silicified, limonitically stained dacite tuff. Pyrite is disseminated throughout

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
GW-R-1	BARITE	Grab from float. Silicified dacite tuff with irregular carbonate veining. Trace disseminated py.	30	3.4	86	126
GW-R-2	BARITE	Grab from float Limononitacally stained dacite tuff, massive pyrite throughout	10	13.0	1121	1504
GW-R-3	BARITE	Grab from float. Limonitically stained dacite tuff with 3 -5% disseminated pyrite	15	.3	2	239
GW-R-4	BARITE	Grab from outcrop. Sheared, silicified argillite, 10 - 15% quartz stringers; minor malachite stain chalcopyrite and py.	15	18.3	367	9741
GW-R-5	BARITE	Grab from outcrop. limonitic stained argillite; qtz./carbonate seams carry minor chalcopyrite	5	.9	8	184
GW-R-6	BARITE	Grab from float Silicified dacite with 5% disseminated pyrite throughout	30	3.9	7	244
GW-R-7	BARITE	Grab from float. Silicified dacite tuff diss. to massive pyrite throughout	15	5.9	250	398
GW-R-8	BARITE	Chip sample over 1 metre. Silicified lithic dacite tuff, finely disseminated pyrite	35	2.5	242	213

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON-STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
GW-R-9	BARITE	Grab from outcrop Intensively sheared and silicified dacite tuff; limonitic with diss. py to 7%	45	12.6	592	34
GW-R-10	BARITE	Chip sample over 2 Metre interval. Quartz vein, sheared, galena, malachite, pyrite	5	7.5	5781	119
GW-R-11	BARITE	Grab from outcrop Quartz vein, brecciated and sheared, blebs of galena and chalcopyrite	20	4.3	537	145
GW-R-12	BARITE	Grab from outcrop Quartz veinlet, disseminated pyrite to 3%, minor galena	10	3.0	1447	34
GW-R-13	BARITE	1 metre chip sample Silicified tuff with qtz. seams and diss. py to 4%	25	15.5	254	548
GW-R-14	BARITE	1 metre chip sample quartz vein with heavy limonitic stain. Brecciated and weakly pyritic	10	1.6	37	30
GW-R-15	BARITE	Grab from float	5	7.7	104	83
GW-R-16	BARITE	3 metre chip sample Massive sulphide zone. sheared and silicified dacite tuff, semi-massive pyrite, chalcopyrite and galena.	15	24.5	1123	948
GW-R-17	BARITE	3 metre chip sample from same zone, 20 metres along strike	300	30.0	2319	10,000

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
GW-R-18	BARITE	1.5 metre chip from same zone Taken above #17 Quartz-py vein to .3 metres wide carry diss. to massive galena	1,000	30.0	3336	10,000
GW-R-19	BARITE	Grab from float Limonitic dacite tuff with 5% qtz.-pyrite seams	5	4.8	396	1,204
DL-R-1	BARITE	Grab from float Limonitie stained qtz.	10	5.3	39	8
DL-R-2	BARITE	Grab from float Brecciated qtz. diss. pyrite to 1%	15	.4	50	54
DL-R-3	BARITE	Grab from float SAME AS ABOVE	15	1.4	52	74
DL-R-4	BARITE	Grab from outcrop Silicified, sheared dacite tuff, diss. pyrite to 2%	15	1.2	51	42
GW-R-1	STROHN	Grab from outcrop Brecciated qtz. vein, diss py. to 3%	5	.4	21	65
GW-R-2	STROHN	Grab from outcrop Silicified, limonitic lithic tuff, diss. pyrite to 2%	5	.5	10	86
GW-R-3	STROHN	Grab from outcrop Limonitic qtz. stringers no visible sulphides	5	.5	5	70
GW-R-4	STROHN	SAME AS ABOVE	5	.5	11	164
GW-R-5	STROHN	Grab from outcrop Silicified dacite tuff, minor diss. pyrite	15	.6	11	260
GW-R-6	STROHN	SAME AS ABOVE	10	.2	9	308

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
GW-R-7	STROHN	Grab from outcrop Qtz. vein, 6 cm. wide no visible sulphides	5	1.2	7	65
GW-R-8	STROHN	Grab from outcrop Unmineralized white qtz. sweat, sheared and brecciated	5	1.2	2	33
GW-R-9	STROHN	Grab from outcrop Limonitically stained argillaceous shale, trace diss. py	15	.5	2	43
GW-R-10	STROHN	Grab from outcrop Narrow limonitic qtz. vein, trace pyrite	5	.2	5	134
GW-R-11	STROHN	Grab from float Limonitic stained qtz. No visible sulphide	5	1.0	54	207
GW-R-12	STROHN	Grab from float Angular, limonitic quartz, trace pyrite	5	.2	2	1156
GW-R-13	STROHN	Grab from outcrop Sheared/chloritic dacite tuff, minor malachite stain of fractures	5	4.3	17	61
GW-R-14	STROHN	Grab from outcrop Qtz./carbonate veins with diss. py.	30	1.2	44	543
GW-R-15	STROHN	Grab from float Qtz/carb. vein, minor pyrite along fractures	5	1.2	2	72
GW-R-16	STROHN	Grab from outcrop Qtz. vein, sheared and limonitic. Minor diss. pyrite	5	.2	114	49

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Ag	Zn
DL-R-1	STROHN	Grab from outcrop Limonite stained dacite tuff. diss. pyrite to 1% throughout	5	.2	38	261
DL-R-2	STROHN	SAME AS ABOVE	5	.2	9	110
DL-R-3	STROHN	Grab from outcrop Limonitic, silicified tuff, sheared and brecciated, minor pyrite associated	5	.2	5	60
DL-R-4	STROHN	Grab from outcrop Silicified tuff, 5% qtz. seams with minor pyrite associated	5	.2	2	30
DL-R-5	STROHN	Grab from float Limonitic qtz. Intense fracturing, no visible sulphides	5	1.0	9	66
GW-R-1	BASIN	Grab from outcrop Intensively sheared and slilicified tuff, weakly limonitic	5	2.2	266	178
GW-R-2	BASIN	SAME AS ABOVE	5	.2	26	84
GW-R-3	BASIN	Grab from outcrop. well silicified dacite tuff, finely diss. pyrite to 2% throughout	5	.2	32	66
GW-R-4	BASIN	Grab from outcrop Silicified and chloritic andesite tuff. diss. pyrite to 3% throughout	15	14	13	47
GW-R-5	BASIN	Grab from trench Silicified and sheared lithic tuff; qtz/ veins to 7 cm wide carry diss. py., chal., and malachite to 5%	5	9.6	9	50

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
GW-R-6	BASIN	Grab from trench 100 metres south of #5. SAME AS ABOVE Semi-massive pyrite and strong diss. galena associated	20	30	6387	10,000
GW-R-7	BASIN	Grab from float. Rock dump sample of weathered malachite, galena and pyrite mineralized qtz.	55	30	3469	10,000
GW-R-8 GW-R-9 GW-R-10	BASIN	Grabs from outcrop silicified fracture/ fault zone. Brecciated flooded and mineralized with diss. py., chalcopyrite and galena to 4%	30 20 5	2.6 2.5 1.5	118 50 19	370 123 188
GW-R-11	BASIN	Grab from pit Qtz., brecciated and well mineralized with semi-massive pyrite	5	7.1	27	34
GW-R-12	BASIN	Grab from outcrop Intensively silicified and sheared lithic tuff Minor quartz seams	15	30	2702	882
DL-R-1	BASIN	Grab from float Limonite stained qtz. Minor pyrite	5	.3	2	3
DL-R-2	BASIN	SAME AS ABOVE	5	.2	2	2
GW-R-1	LUCKY JIM	Grab from outcrop Silicified and mylonitic dacite tuff. Cut by numerous qtz. seams which carry diss. pyrite to 3%	5	.2	91	357
GW-R-2	LUCKY JIM	Grab from outcrop Qtz. vein (7cm. wide) Minor pyritic assoc.	10	1.3	634	315

ROCK SAMPLE DESCRIPTION RECORD

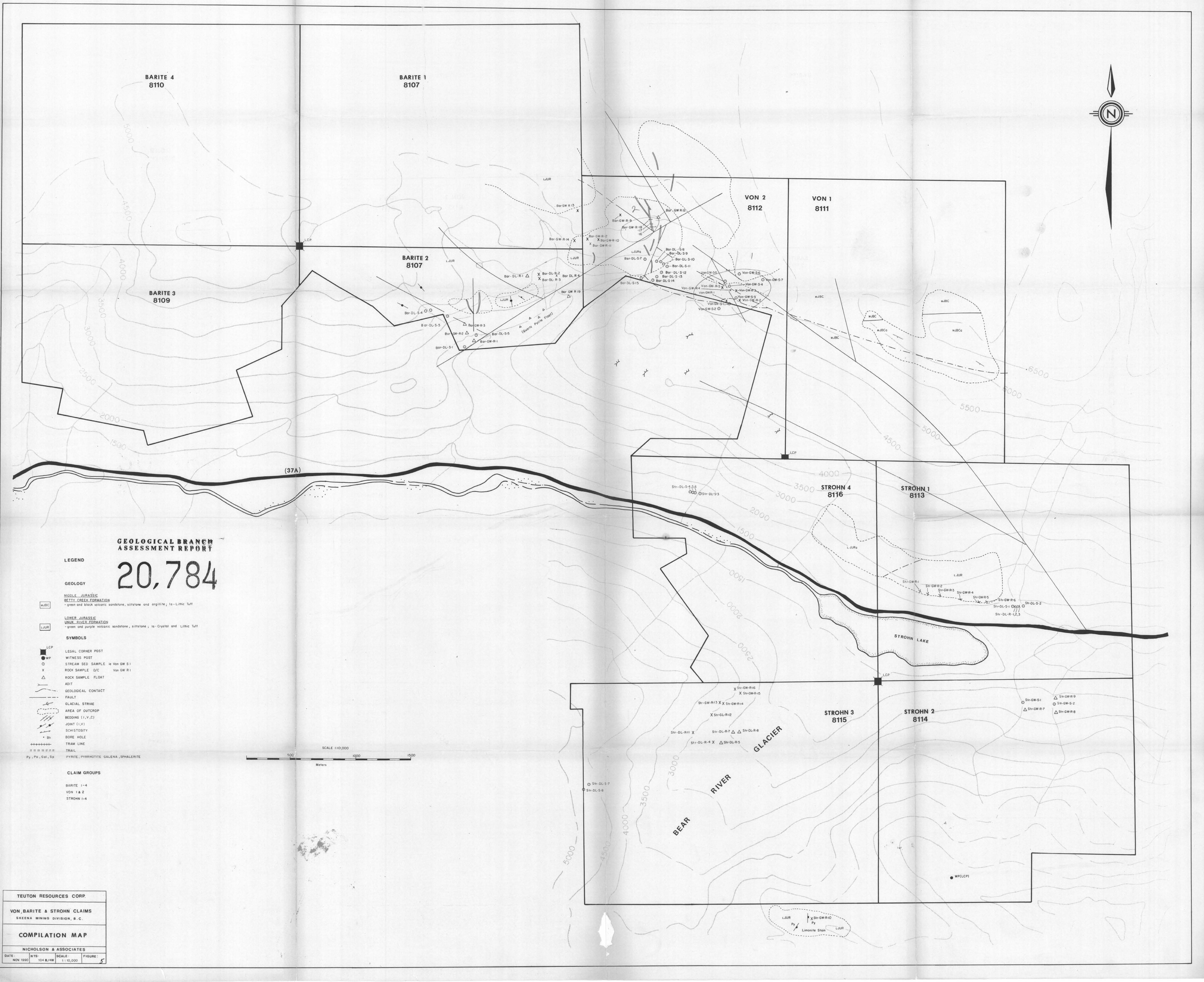
PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
GW-R-3	LUCKY JIM	Grab from outcrop Qtz. veins hosted by major shear zone; semi-massive galena, pyrite and minor chalcopyrite associated with all.	345	16.3	10,000	10,000
GW-R-4	LUCKY JIM	Grab from outcrop North (20 m) from mineral zone. Silicified, limonitic dacite tuff, minor diss. pyrite associated. Galena blebs throughout	5 200	.5 9.1	156 3703	875 1891
GW-R-1	RED REEF	Grab from trench. Continuouly chip sample over qtz. vein, diss. pyrite and chalcopyrite to 5%. Minor malachite	10,000	30	29	199
GW-R-2	RED REEF	Grab from outcrop. Sheared and mylonitized tuff, intensively fractured with some irregular vein development. Minor py.	10,000	9.7	2	93
GW-R-3	RED REEF	Grab from outcrop SAME AS ABOVE	10,000	25.2	10	125
GW-R-4	RED REEF	Grab from outcrop Shear hosted qtz. vein, disseminated chalcopyrite and py to 3%	10,000	30	30	288
GW-R-5	RED REEF	Grab from outcrop Intensively silicified shear zone; diss. py to 2% throughout	45	30	7998	1137
GW-R-6	RED REEF	Grab from float Limonitic qtz. No visible sulphides	105	3	24	46

ROCK SAMPLE DESCRIPTION RECORD

PROJECT: TEUTON - STEWART ASSESSMENT

SAMPLE	LOC.	DESCRIPTION	Au	Ag	Pb	Zn
DL-R-1	RED REEF	Channel sample from upper adit. Collected from narrow pyrite bearing qtz. vein	105	3	24	46
DL-R-2	RED REEF	Grab from float Slightly limonitic qtz. No visible sulphides	150	3.6	2	61
DL-R-3	RED REEF	Chip sample over 1.5 metres. Mineralized qtz. vein. Brecciated, and limonitic. Galena, chalcopyrite and py to 4%.	1000	30	5	855
DL-R-4	RED REEF	Grab from outcrop Silicified tuff, fractured and moderately sheared; diss. py to 2%	1000	25.7	2	890
DL-R-5	RED REEF	Grab from float Weakly limonitic qtz. Very minor diss. py.	220	4.2	2	640


BARITE 4
8110
BARITE 1
8107
BARITE 2
8107
BARITE 3
8109
VON 2
8112
VON 1
8111
STROHN 4
8116
STROHN 1
8113
STROHN 3
8115
STROHN 2
8114
STROHN LAKE
BEAR RIVER GLACIER
(37A)
LCP
N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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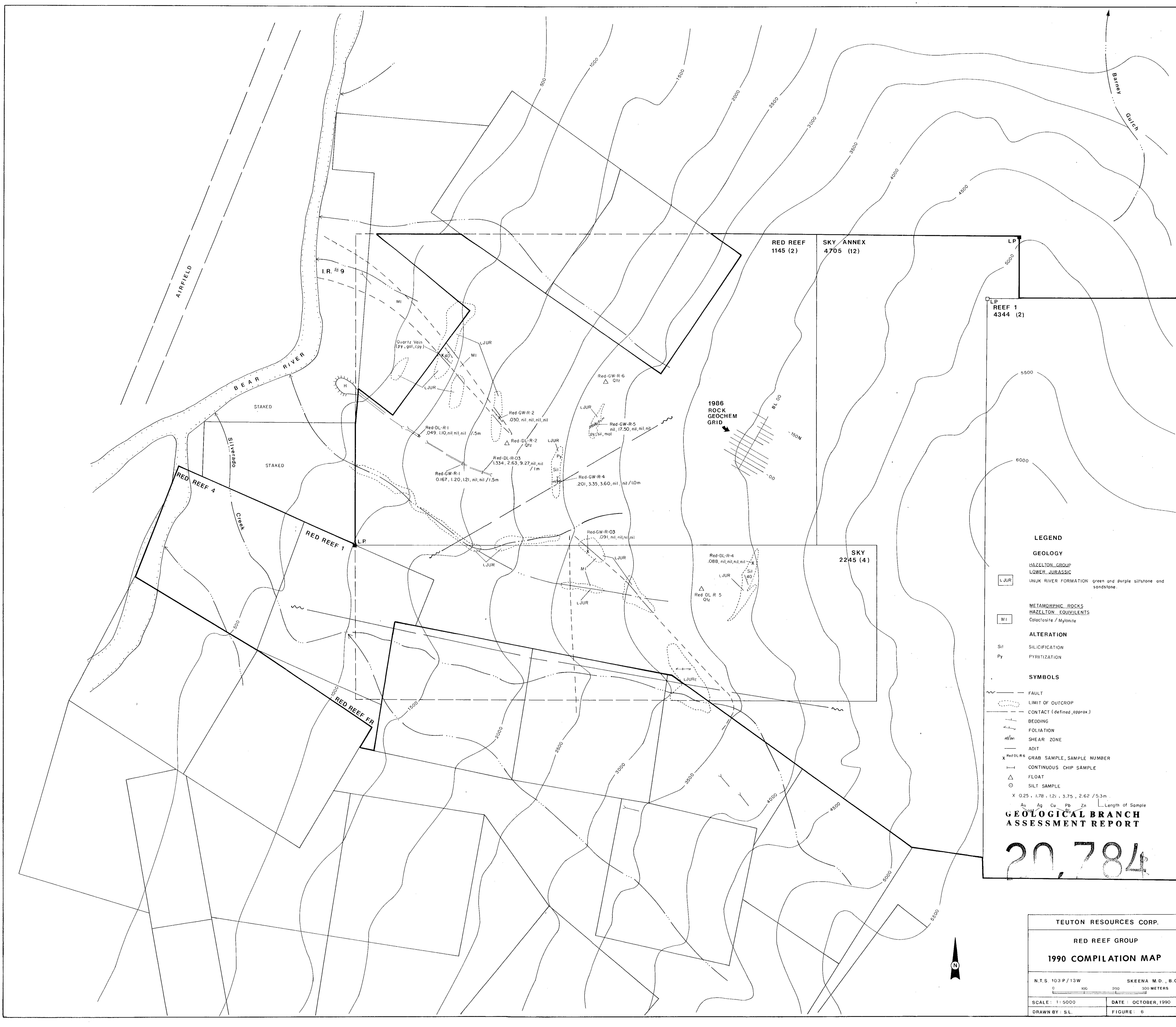
LEGEND
GEOLOGY
MIDDLE JURASSIC
BETTY CREEK FORMATION
- green and black volcanic sandstone, siltstone and argillite; la - Lithic Tuff
MJBC
LOWER JURASSIC
UNUK RIVER FORMATION
- green and purple volcanic sandstone, siltstone; la - Crystal and Lithic Tuff
LJUR
SYMBOLS
LEGAL CORNER POST
WITNESS POST
STREAM SED SAMPLE ie Von GW S I
ROCK SAMPLE O/C Von GW R I
ROCK SAMPLE FLOAT
ADIT
GEOLOGICAL CONTACT
FAULT
GLACIAL STRIAE
AREA OF OUTCROP
BEDDING (I,V,C)
JOINT (I,V)
SCHISTOSITY
BORE HOLE
TRAM LINE
TRAIL
Py, Po, Gal, Sp PYRITE, PYRRHOTITE GALENA, SPHALERITE
CLAIM GROUPS
BARITE I-4
VON I & 2
STROHN I-4
SCALE 1:10,000
Meters
TEUTON RESOURCES CORP.
VON, BARITE & STROHN CLAIMS
SKEENA MINING DIVISION, B.C.
COMPILATION MAP
NICHOLSON & ASSOCIATES
DATE: NOV. 1990
NTS: 104 B/4W
SCALE: 1 : 10,000
FIGURE: 5


AIRFIELD
BEAR RIVER
I.R. #9
STAKED
STAKED
Silverado Creek
Barney Gulch
RED REEF 4
RED REEF 1
RED REEF FR
RED REEF 1145 (2)
SKY ANNEX 4705 (12)
REEF 1 4344 (2)
SKY 2245 (4)
L.P.
LP
1986 ROCK GEOCHEM GRID
BL 00
150N
00
Quartz Vein (py, gal, cpy)
Red-GW-R-2 .030, nil, nil, nil, nil
Red-DL-R-1 .049, 1.10, nil, nil, nil /.5m
Red-DL-R-2 Qtz
Red-DL-R-03 1.334, 2.63, 9.27, nil, nil / 1m
Red-GW-R-1 0.167, 1.20, 1.21, nil, nil / 1.5m
Red-GW-R-6 Qtz
Red-GW-R-5 nil, 17.50, nil, nil, nil
Red-GW-R-4 .201, 3.35, 3.60, nil, nil / 1.0m
Red-GW-R-03 .091, nil, nil, nil, nil
Red-DL-R-4 .088, nil, nil, nil, nil
Red DL R 5 Qtz
LJUR
MI
Sil
Py
LEGEND
GEOLOGY
HAZELTON GROUP
LOWER JURASSIC
L JUR
UNUK RIVER FORMATION green and purple siltstone and sandstone.
METAMORPHIC ROCKS
HAZELTON EQUIVILENTS
MI
Calaclasite / Mylonite
ALTERATION
Sil SILICIFICATION
Py PYRITIZATION
SYMBOLS
FAULT
LIMIT OF OUTCROP
CONTACT (defined, approx.)
BEDDING
FOLIATION
SHEAR ZONE
ADIT
x Red DL R 6 GRAB SAMPLE, SAMPLE NUMBER
CONTINUOUS CHIP SAMPLE
FLOAT
SILT SAMPLE
X 0.25, 1.78, 1.21, 3.75, 2.62 / 5.3m
Au Ag opt Cu Pb Zn % Length of Sample
GEOLOGICAL BRANCH
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TEUTON RESOURCES CORP.
RED REEF GROUP
1990 COMPILATION MAP
N.T.S. 103 P / 13W
SKEENA M.D., B.C.
0 100 200 300 METERS
SCALE: 1:5000
DATE: OCTOBER, 1990
DRAWN BY: S.L.
FIGURE: 6
N

GEOLOGY

MJBC — MIDDLE JURASSIC
BETTY CREEK FORMATION
- green and black volcanic sandstone, siltstone and argillite ; la - Lithic Tuff

LJUR — LOWER JURASSIC
UNUK RIVER FORMATION
- green and purple volcanic sandstone, siltstone ; la - Crystal and Lithic Tuff

GEOLOGICAL BRANCH
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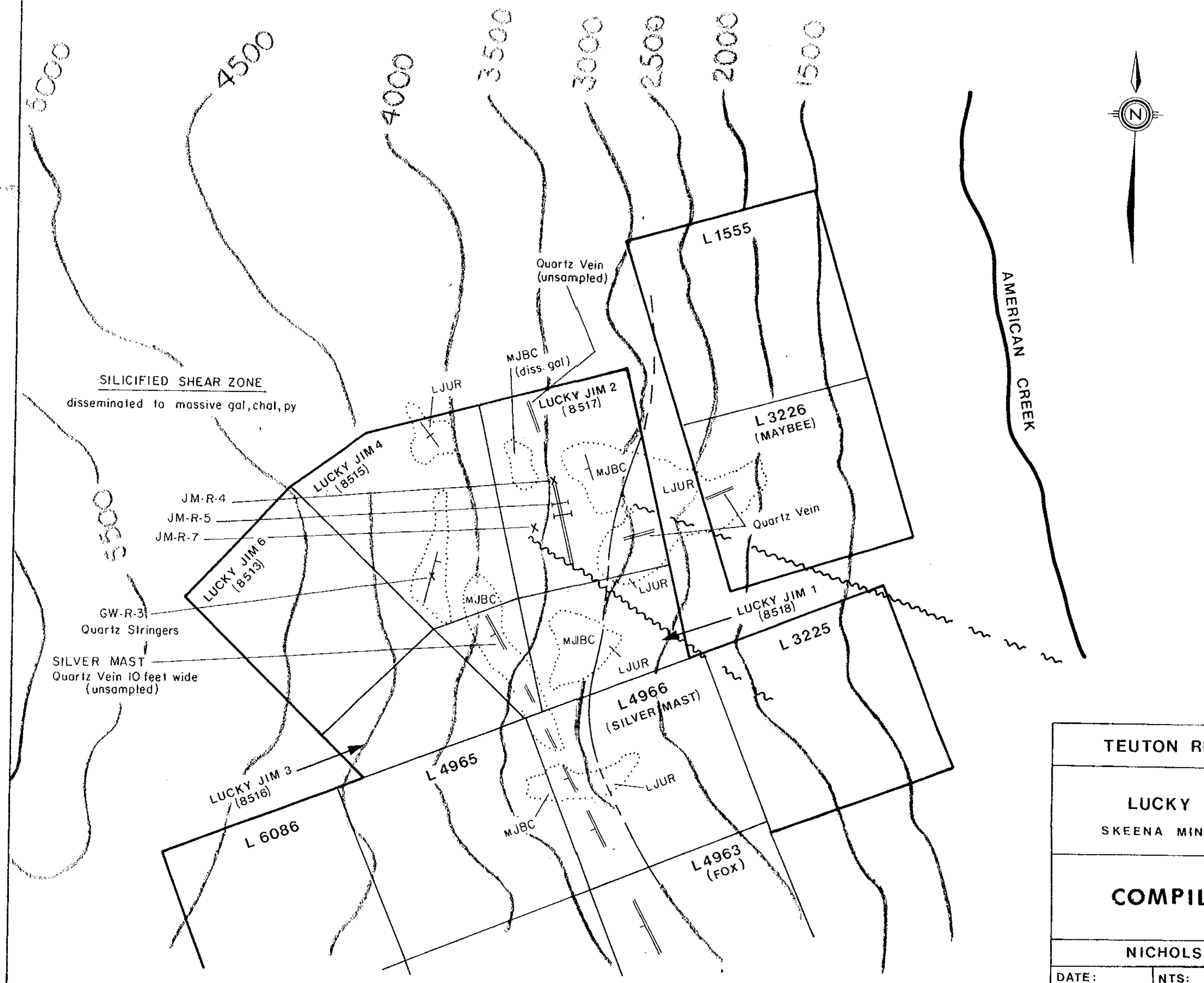
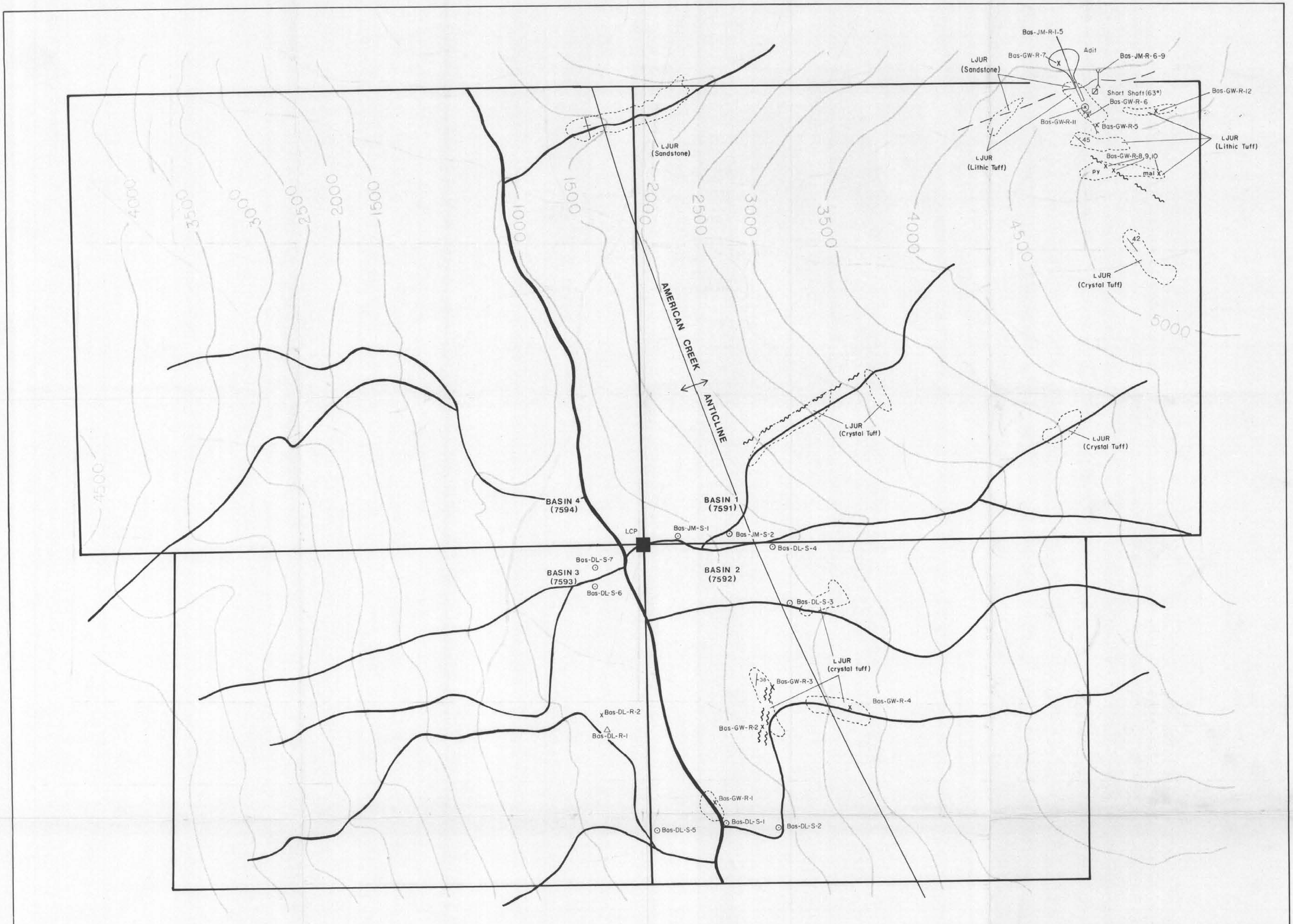
SYMBOLS

- OUTCROP
- FOLIATION
- BEDDING
- 45 SHEAR WITH DIP
- FAULTS
- GEOLOGICAL CONTACT (known, approx.)

SAMPLE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
JM-R-1	230	9.1	126	1249	2496
2	55	3.9	67	1038	825
3	170	2.2	421	10,000	10,000
4	> 1000	21.9	661	10,000	10,000
5	> 1000	3.3	159	1877	10,000
6	195	13.3	433	2838	10,000
7	130	30.0	587	10,000	10,000
8	35	2.6	24	5108	10,000
9	360	19.9	855	10,000	10,000
10	95	11.0	149	8487	8703
11	80	3.9	94	772	10,000
GW-R-1	5	0.2	3	91	357
2	10	1.3	24	634	315
3	345	16.3	305	10,000	10,000
4	5	0.5	17	156	895
5	220	9.1	40	3703	1691



TEUTON RESOURCES CORP.			
LUCKY JIM CLAIMS SKEENA MINING DIVISION, B.C.			
COMPILATION MAP			
NICHOLSON & ASSOCIATES			
DATE: NOV. 1990	NTS: 104 A/4	SCALE: 1 : 10,000	FIGURE: 7



20,784

GEOLOGICAL BRANCH
ASSESSMENT REPORT

LEGEND

GEOLOGY

MIDDLE JURASSIC
BETTY CREEK FORMATION
MJBC — green and black volcanic sandstone, siltstone and argillite; la - Lithic Tuff.

LOWER JURRASSIC
UNUK RIVER FORMATION
LJUR — green and purple volcanic sandstone, siltstone; la - Crystal and Lithic Tuff.

SYMBOLS

OUTCROP

FOLIATION

BEDDING

SHEAR WITH DIP

FAULTS

GEOLOGICAL CONTACTS (known, approx.)

GEOCHEMICAL RESULTS

SAMPLES	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
JA-R-I	15	30	643	295	296
2	40	30	215	334	8015
3	30	30	545	235	248
4	20	7.3	19	115	10
5	25	10	63	336	893
6	5	3.2	22	258	88
7	25	0.8	48	1234	34
8	5	0.9	28	1621	33
9	5	0.7	183	571	13
GW-R-I	5	2.2	4	266	178
2	5	0.2	4	26	84
3	5	0.2	20	32	66
4	15	0.4	1	13	47
5	5	9.6	40	392	50
6	20	30	497	6387	10,000
7	55	30	225	3469	10,000
8	30	2.6	13	118	370
9	20	2.5	32	50	123
10	5	1.5	216	19	183
11	5	7.1	517	27	34
12	15	30	372	2702	882
DL-R-I	5	0.3	35	2	<2
2	5	0.2	28	2	<2

0 100 200 300 400
METERS

TEUTON RESOURCES CORP.

BASIN CLAIMS
SKEENA MINING DIVISON B.C.

COMPILATION MAP

NICHOLSON & ASSOCIATES

DATE:	NTS:	SCALE:	FIGURE:
NOV. 1990	104 A/4E	1:10,000	8