TULSEQUAH PROJECT

NICK 1-9 CLAIMS
Atlin Mining Division
58°48'N. Latitude
133°38'W. Longitude
for

SUB-RECORDER
RECEIVED
JAN 2 - 1990
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VANCOUVER, B.C.

ECSTALL MINING CORPORATION
307-475 Howe Street
Vancouver, B.C.
V6C 2B3

GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,515

November 24,1989

By:
George E. Nicholson BSc.
Calvin L. Church BSc.

LOG NO: 0110 RD.
ACTION:
FILE NO:

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Summary

The Nick claims are situated on the east flank of the Coast Plutonic Crystalline Complex in the Paleozoic intermediate and felsic volcanic rocks of the Mt. Eaton Formation.The exploration target is a volcanogenic massive sulphide or mesothermal lode gold deposit such as those that occur a few kilometers immediately south.Rock, silt, and soil samples collected during the course of this geochemical survey revealed that two gossans (SG#1 and SG#3) are signifcantly mineralized.Also, favorable results were obtained from reconnaisance sampling in the North end of the Nick 4 claim.A showing located just South of the ice fields in the Nick 3/Nick4 claims was not followed up due to snow conditions but assessment reports indicate it occurs in rhyolite volcanics and contains high Au, Ag, Pb, Zn values.Given that Shazah Gossans #1 and #3 also occur in silicified intermediate and felsic volcanic rocks similar to the volcanic rocks hosting the Tulsequah Chief volcanogenic massive sulphide deposit I feel there is great potential for a similar deposit to be found on the Nick claims.

1) Introduction

The Tulsequah Project of Ecstall Mining Corporation consists of 163 units on 9 Nick claims staked in the Atlin Mining District.The claims are contiguous and overlap Cominco's Tulsequah Chief claims and Suntac's Polaris-Taku claims immediately to the south.

The volcanic sedimentary unit that occurs in the central area of the Nick claims is a possible host for a massive sulphide/vein deposit similar to those encountered immediately to the south (Tulsequah Chief, Big Bull, Erickson-Ashby).These deposits are located on north trending structures and in similar volcanic-sedimentary terranes.

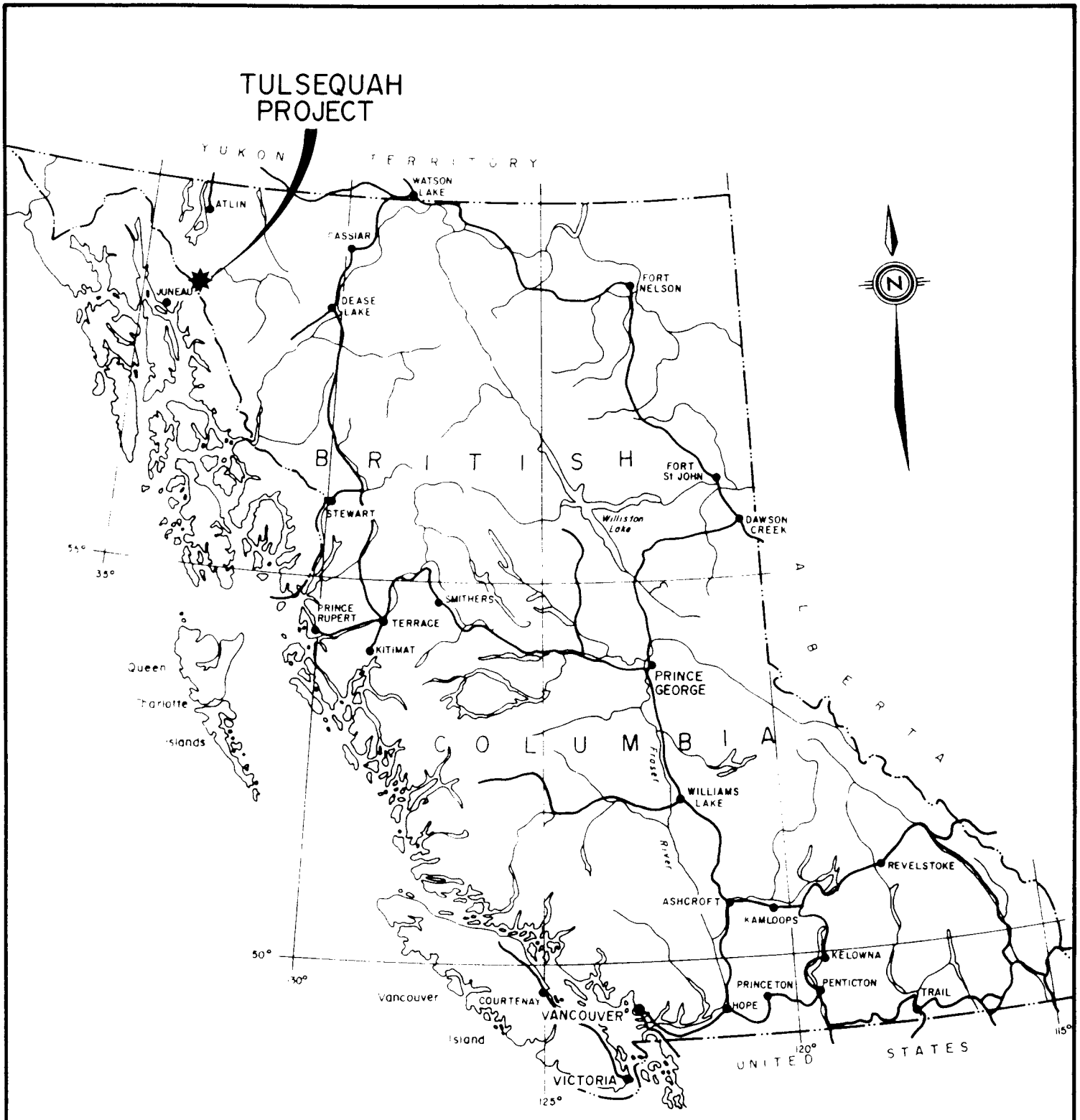
Field work commenced Oct.22/89 and was completed Nov.2/89.A crew of 4 persons employed by Nicholson & Associates was based from Atlin, B.C. for the work.The crew collected rock, soil, and silt samples from the property with emphasis directed to gossans along Shazah Creek.It should be noted that snow occupied higher elevations on the property during the course of our work and consequently, prospecting and soil sampling was confined to lower elevations along Shazah Creek and Tulsequah River.

The results from this initial stage of exploration produced results that indicate areas of significant Pb, Zn, Ag, Au,and As anomalies that require additional exploration work.

2) Location and Access

The Nick claims (Nick 1 - Nick 9) are located at the confluence of the Tulsequah River and Shazah Creek. The former Tulsequah Chief and Polaris-Taku mines are located 2 to 3 km south of the claims. The claims comprise 163 units centered at Latitude 58°48' North, Longitude 133°38' West in the Coastal Mountains of Northwestern B.C. (Figure 1).

Access is by helicopter from Atlin, 89 km to the north.Alternate routes of access include boat navigation from Juneau up the Taku river in summer months, or alternatively fixed wing aircraft may land at the airstrip located just south of Polaris-Taku camp with connecting local road access.At the time of writing this airstrip was operational but it is advisable to check with the camps to confirm that the airstrip is being maintained.The Nick claims and portions of them are presently accesible only by helicopter.



ECSTALL MINING CORP.

TULSEQUAH PROJECT

NICK 1-9 CLAIM GROUP

LOCATION MAP

~~LIARD~~ ATLIN MINING DIVISION, B.C.

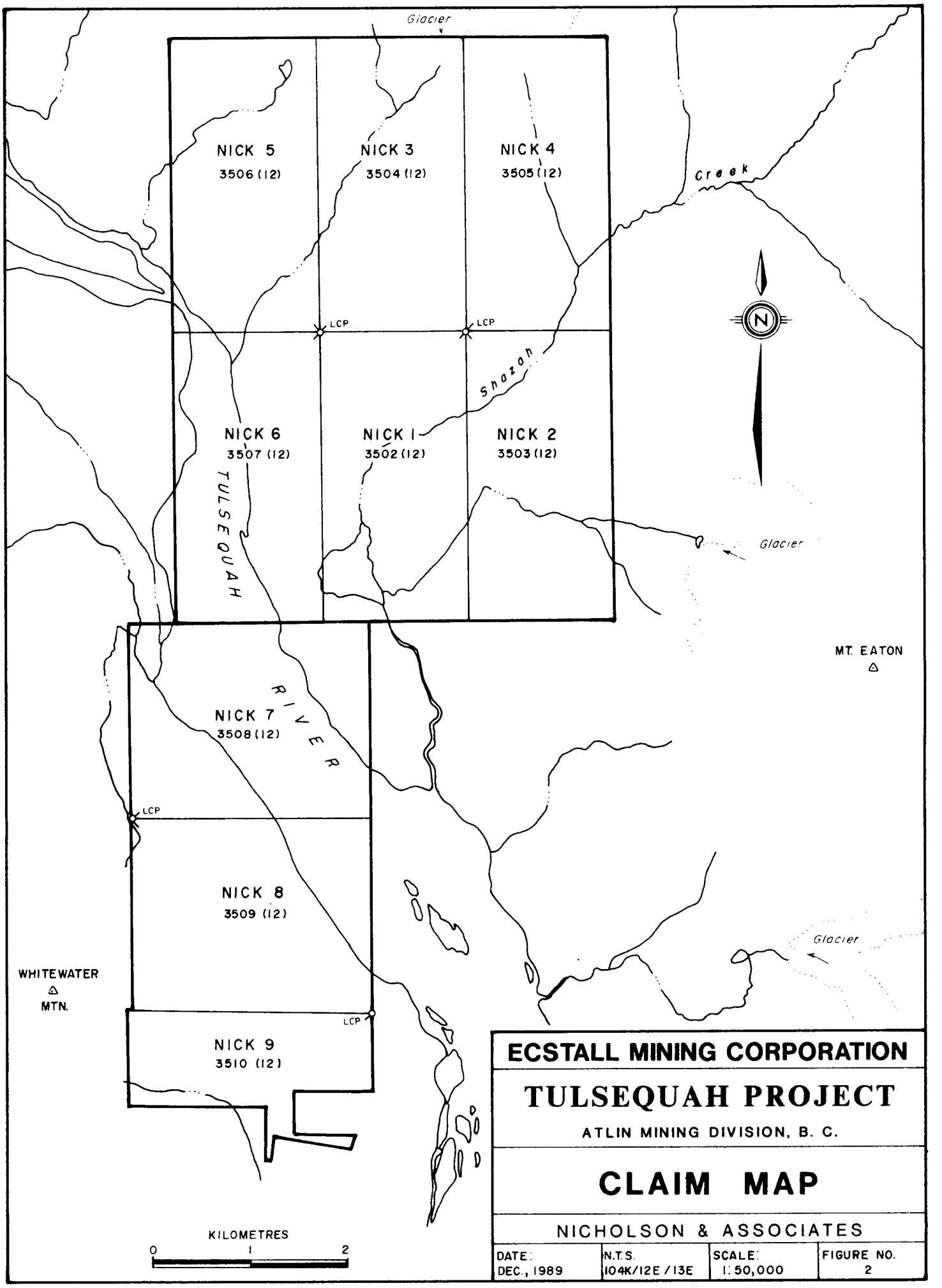
NICHOLSON & ASSOCIATES

Drawn. J.W.	Date. Dec. 1989	FIGURE 1
Scale. As shown	N.T.S.	

3) **Claim Status**

The Tulsequah project is comprised of 9 modified grid claims located on Mineral Titles Reference Maps M104K/12E and M104K/13E .The claims total 163 units and adjoin each other such that there is always a common boundary between any two claims.Some of the claims overlap ground staked previously by companies that own former mines nearby on the Tulsequah river.The claim names, size, and status are summarized below.A claim map of the area with the location of the Nick claims is shown in Figure 2.Upon filing of assessment work the claims will be in good standing until the expiry date shown.

Claim Name	Record Number	No.Units	Expiry Date
Nick 1	3502	18	Dec 21/91
Nick 2	3503	18	"
Nick 3	3504	18	"
Nick 4	3505	18	"
Nick 5	3506	18	Dec 21/90
Nick 6	3507	18	Dec 21/90
Nick 7	3508	20	Dec 21/91
Nick 8	3509	20	"
Nick 9	3510	15	"


Glacier
NICK 5
3506 (12)
NICK 3
3504 (12)
NICK 4
3505 (12)
Creek
LCP
LCP
Snazon
NICK 6
3507 (12)
NICK 1
3502 (12)
NICK 2
3503 (12)
TULSEQUAH
N
Glacier
MT. EATON
RIVER
NICK 7
3508 (12)
LCP
NICK 8
3509 (12)
Glacier
WHITEWATER
MTN.
LCP
NICK 9
3510 (12)
KILOMETRES
0
1
2
ECSTALL MINING CORPORATION
TULSEQUAH PROJECT
ATLIN MINING DIVISION, B. C.
CLAIM MAP
NICHOLSON & ASSOCIATES
DATE: DEC., 1989
N.T.S. 104K/12E/13E
SCALE: 1:50,000
FIGURE NO. 2

4) **History**

Early geological interpretations of the Tulsequah area were made by Kerr (1948) in a comprehensive study titled Geological Survey of Canada Memoir 248, Taku River Map Area, British Columbia.In his study Kerr made detailed observations of key stratigraphic sections, physiography, and types of deposits.Many undocumented discoveries were made during the Klondike rush in 1897 and 1898 when people used the Taku river as a route to the north.In 1923 the Tulsequah Chief property was discovered.Increased interest with the development of this property resulted in the Polaris-Taku and Big Bull discoveries in 1929.Polaris-Taku was the first property to see development in the area and produced 231,604 oz Au, and 11,760 oz Ag from 719,336 tons of ore between 1938-1951 with a 3 year hiatus (1943-1945) due to the war (Beacon Hill Consultants Report, 1988).Beginning in 1951 the nearby Tulsequah Chief and Big Bull mines of Cominco Ltd. came into production and later shut down in 1957 due to depressed metal prices.These mines combined to produce 94,254 oz Au, 3,400,773 oz Ag, 13,603 tons Cu, 13,463 tons Pb,and 62,346 tons Zn from 1,029,089 tons of ore during this period.

More recently attention has been directed to areas adjacent to the mines and along strike of predominant mineralized structures.Previous work by Cominco indicated mineralization that follows a north structural trend and disappears under Shazah Creek.The ONO and OYA claims previously held by Anglo Canadian Mining Corp in 1981 reported gold-silver bearing massive sulphide mineralization within a felsic volcanic package of rocks.Assessment report #9007 contains detailed geological mapping and geochemical sampling results for the area now occupied by the Nick 1 and Nick 3 claims.

5)Recent Work

Currently the Tulsequah Chief and Polaris-Taku are undergoing aggressive exploration drill programs to define additional reserves.Redfern Resources operating jointly with Cominco have been exploring for new reserves with surface and underground drilling in 1988 and 1989 at the Tulsequah Chief.The drill indicated reserves now stand at 5.8 million tons grading 1.6% Cu, 1.31% Pb, 7.03% Zn, 0.08 oz/ton Au, 2.93 oz Ag (Northern Miner, Dec4/89).This estimate is up from the 780,000 tons of similar grade ore the mine had when it ceased operations in 1957.With this massive sulphide deposit still open at depth and along strike Cominco plans to continue to expand reserves in 1990 by drilling the mineral horizon at greater depths.Infill drilling is expected to commence soon and prove the geological reserves as the project moves to the feasability stage.

Suntac has been reviving the Polaris-Taku mine; a gold bearing mesothermal vein deposit.Surface and underground drilling began in the fall of 1988 and at the completion of the 1989 summer work program both the strike length and depth of a major vein system (Y vein) have been extended.The mine's reserves went from a fully diluted reserve of 244,000 tons of 0.33 oz/ton to a reserve potential of at least 1,450,000 tons of 0.38 oz/ton Au.These former mines are presently the focus of most exploration expenditures, however, as more understanding is gained about the geological enviroment and settings work will likely expand out onto nearby claims and prospects.

6) Physiography and Vegetation

The terrane is very steep ranging in elevation from 200 ft a.s.l. at the riverbed of the Tulsequah River to greater than 5000 ft a.s.l. at the peaks just south of Mt.Stapler.Above the treeline the ground is either barren or sparsely vegetated with scrub hemlock and balsam.Ice fields abut the claims to the north.Below 2000 ft on moderate to steep slopes grow mature forests of primarily fir and spruce.The slopes are cut by narrow creeks which often cascade down in waterfalls.Shazah Creek valley (elev 240 ft) has abundant scrub alder forests and swamps, while Tulsequah River is a glacial floodplain composed of braided stream channels and gravel bars.

7) Regional Geology

The area is bounded to the west by the Coast Plutonic Complex of Cretaceous age (Figure 3). These intrusive rocks have limited exposure in the area but because of their proximity influence the regional geology.

Whitewater Mountain represents the oldest rocks (Precambrian) occurring in the immediate area.They are well deformed roof pendants which lie unconformably on top of Cretaceous intrusives.Upper Paleozoic rocks consisting of mainly deformed volcanic sequences and derived marine sediments (greenschist metamorphism) occupy the central map area in a northwest trend. The Tulsequah Chief, Polaris-Taku, and Big Bull mines also occur in this package of rocks with local variations in structural control and type of mineralization.To the southeast lie upper Triassic rocks of the Stuhini group.The Stuhini volcanic-sedimentary sequence was thought to host many of the deposits found near the junction of the Tulsequah and Taku rivers (Souther 1971) however these rocks have been remapped as upper Paleozoic by Nelson and Payne (1983).A rhyolite unit has been shown to be closely associated with both the Tulsequah Chief and big Bull deposits. Mapping by Joanne Nelson indicates a rhyolite unit just south of Mt. Stapler on the Nick 4 claim.

The structure of the region is defined as striking north-northwest. Major faults with this orientation separate pendant and crystalline rocks in the west from Paleozoic volcanic and sedimentary rocks to the east.An undefined amount of offset has occurred between fault bounded Paleozoic rocks in the area.Faulting is crucial to the deposition of minerals in both the Tulsequah Chief and Big Bull mines where orientation of faults and felsite dykes is north trending.

8) Property Geology

Fieldwork for the 1989 season focused mainly on a geochemical sampling program.The accumulations of snow in higher elevation (>1500 ft) prevented geologic mapping there. For a detailed geologic interpretation of the claim area the reader is referred to the report on the ONO-OYA claims (BCDM Assessment Report #9007) by Joanne Nelson,1981.

Outcrop samples in the area of Shazah Creek are predominantly volcanic or metavolcanic.The volcanic rocks are usually dacite or rhyolite in composition and exhibit weak flow banding. Metamorphic equivalents occur here also as quartz-muscovite or quartz-chlorite schists.Some degree of felsic dyking has taken place near Shazah Gossan #1 and measurements of foliations there are between 140° and 190° with moderately steep dips ranging 45° to 80° W. The dyking is subparrallel to foliation.Geological information is contained within sample descriptions in Appendix 1.

LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

19 — *Fluviatile gravel, sand, silt, glacial outwash, till; alpine moraine and undifferentiated colluvium; 19a, landslides*

TERTIARY AND QUATERNARY
LATE TERTIARY AND PLEISTOCENE
LEVEL MOUNTAIN GROUP

Basalt, olivine basalt, related pyroclastic rocks; in part younger than some of 19

17 — *HEART PEAKS FORMATION: rusty-weathering trachyte and rhyolite flows, pyroclastic rocks, and related intrusions*

CRETACEOUS AND TERTIARY
LATE CRETACEOUS AND EARLY TERTIARY
SLOKO GROUP

14 — *Light green, purple and white rhyolite, dacite, and trachyte flows, pyroclastic rocks, and derived sediments*

15 16 — *Probably genetically related to 14; 15, Felsite, quartz-feldspar porphyry; 16, Medium- to coarse-grained, pink biotite-hornblende quartz monzonite*

PRE-UPPER CRETACEOUS

13 — *CENTRAL PLUTONIC COMPLEX: granodiorite, quartz diorite; minor diorite, leuco-granite, migmatite and agmatite; age and relationship to 12 uncertain*

JURASSIC AND/OR CRETACEOUS
POST MIDDLE JURASSIC

12 — *12a, hornblende-diorite granodiorite; 12b, biotite-hornblende quartz diorite; 12c, hornblende diorite; 12d, augite diorite. Age and relationship to 13 uncertain*

JURASSIC
LOWER AND MIDDLE JURASSIC
LABERGE GROUP (10, 11)

11 — *TAKWAHONI FORMATION: granite-boulder conglomerate, chert-pebble conglomerate, greywacke, quartzose sandstone, siltstone, shale*

MESOZOIC

10 — *INKLIN FORMATION: well bedded greywacke, graded siltstone and silty sandstone, pebbly mudstone, limy pebble conglomerate; 10a, limestone*

TRIASSIC
UPPER TRIASSIC

9 — *SINWA FORMATION: limestone; minor sandstone, argillite, chert*

STUHINI GROUP (7, 8)

7 8 — *7, Mainly volcanic rocks; andesite and basalt flows, pillow lava, volcanic breccia and agglomerate, lapilli tuff, minor volcanic sandstone, greywacke, and siltstone. 8, KING SALMON FORMATION: thick bedded, dark greywacke, conglomerate, mudstone, siltstone, and shale; minor andesitic lava, volcanic breccia, tuff, limestone, limy shale; locally enclosed in 7*

LOWER OR MIDDLE TRIASSIC (?)

6 — *Fine- to medium-grained, strongly foliated diorite, quartz diorite, and minor granodiorite; age uncertain*

TRIASSIC AND EARLIER
PRE-UPPER TRIASSIC

4 — *Fine-grained, clastic sediments and intercalated volcanic rocks, largely altered to greenstone and phyllite; chert, jasper, greywacke, limestone. 4a, mainly chert, slate, argillite; minor greenstone; 4b, mainly greenstone; 4c, limestone; may include some 1*

5 — *Quartz-albite-amphibole gneiss, quartz-biotite schist, garnetiferous schist, augen gneiss, tremolite marble; mainly metamorphosed equivalents of 3 and 4; may be in part older than 3*

PERMIAN

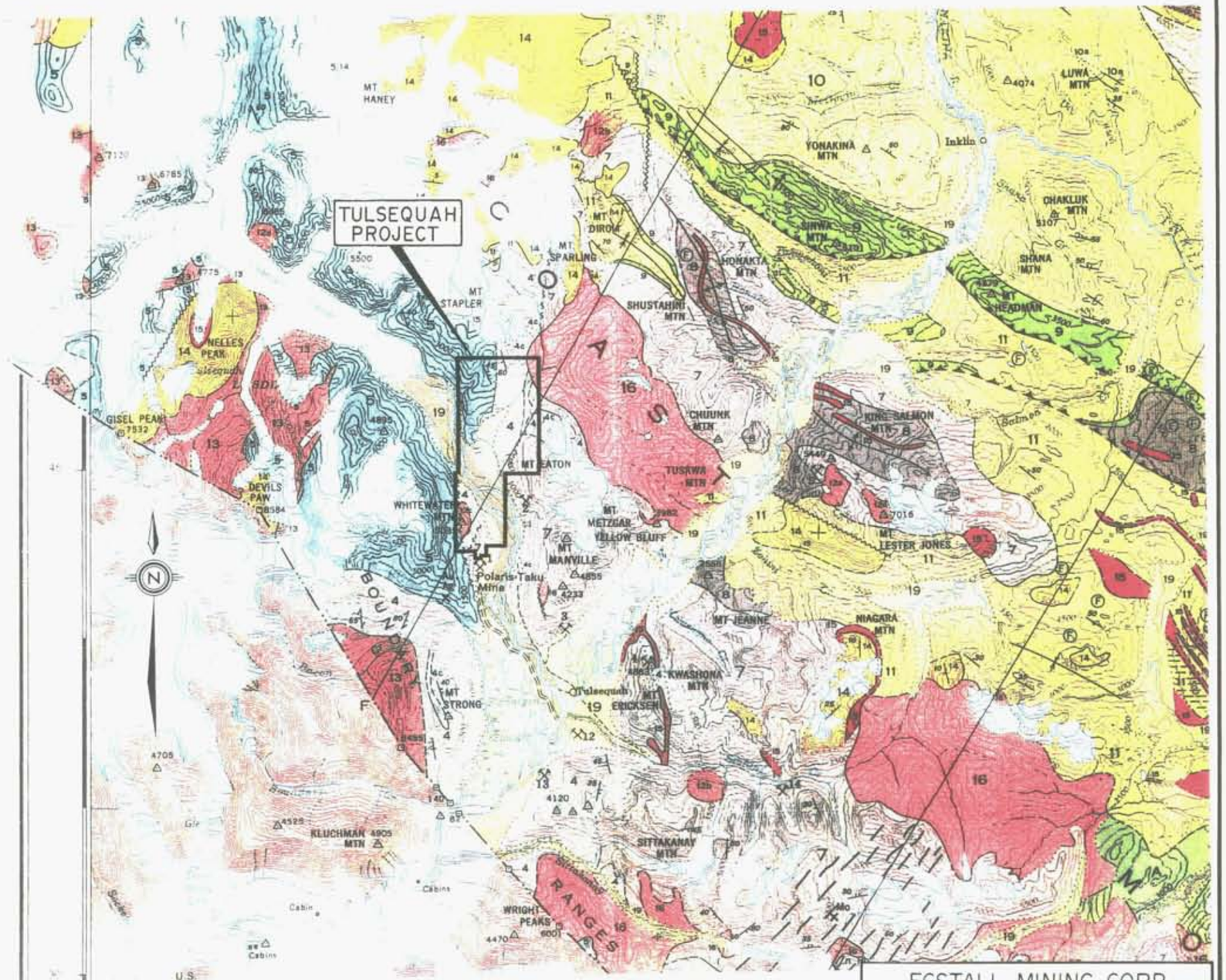
3 — *Chiefly limestone and dolomitic limestone; minor chert, argillite, sandy limestone*

PERMIAN (?)

1 2 — *May not all be of the same age. 1, Peridotite, serpentite, small irregular bodies of gabbro and pyroxene diorite. 2, Fine- to medium-grained gabbro and pyroxene diorite*

PALEOZOIC

A — *Diorite gneiss, amphibolite, migmatite; age unknown*



Km 0 5 10 15 Km

Addendum: From Map 1262A G.S.C. Memoir 362 by J. G. Souther

ECSTALL MINING CORP.

TULSEQUAH PROJECT

NICK 1-9 CLAIM GROUP

REGIONAL GEOLOGY

~~LIARD~~ MINING DIVISION, B.C.

NICHOLSON & ASSOCIATES

Drawn. J.W.	Date. Dec. 1989	FIGURE 3
Scale. 1:250,000	N.T.S. 104 K	

9) **Geochemistry**

Assessment work was carried out on the property between Oct.22/89 and Nov 2/89.The 1989 field season produced 76 rocks, 45 silts,and 45 soils with most samples coming from the area north of Shazah Creek.The program was designed to target areas of high silt geochemistry available from a government regional geochem survey done in 1988.Contour soil samples were taken on the south facing slope of Shazah Creek to cover these areas of anomolous silt geochemistry.As well, three gossanous areas were prospected in this vicinity where numerous rock samples were collected for analysis.Other areas of the claims recieved less scrutiny where reconnaissance creek traverses provided data on stream sediment and random rock geochemistry.

9a) **Rock Geochemistry**

Rock samples were collected from most areas of the claims although special attention was paid to the gossanous outcrops along Shazah Creek (Figure 4).In all 76 rock samples were taken, most of them from Shazah Gossans #1, #2, and #3.Where mineralization in outcrop was encountered and some definable structure visible a chip sample was taken.The Rock Sample Description Record (Appendix 1) indicates some chip samples up to 2.0 m wide.Grab samples in most cases are from float boulders originating from inaccessible outcrop (cliffs) higher up.Some grab samples are from outcrop or mineralized float in creekbeds while on creek traverses.

Chip samples, 89CR013 and 89CR014 from Shazah Gossan #1 returned anomalous Cu and Ag values (798ppm Cu,10.4ppmAg and 1131ppmCu,10.6ppmAg respectively).Grab samples of float boulders in this vicinity were also moderately anomalous in Cu and Ag.The rock type at Shazah Gossan #1 is silicified dacite and rhyodacite, often pyritic, with discontinuous lenses of massive sulphides.Outcrops of siliceous green dacite volcanics at Shazah Gossan #3 produced Cu-Ag anomalies reminiscent of those at Shazah Gossan #1 but were less dramatic.Grab samples of float boulders on the north end of the Nick 4 claim show anomalous Ag,Pb,Zn.In particular 89CR003 lists 5.6ppmAg, 574ppmPb, 674ppmZn, and 305ppbAu as some of its values.A spot anomaly occurs at sample 89GR018 (SE corner of Nick 4) and indicates 354 ppm Pb and 207 ppm Zn in its analysis.

9b) **Silt Geochemistry**

A total of 45 silt samples were obtained from most major tributaries on the property (Figure4). The initial plan was to sample creeks at 500m intervals so that anomalies with low dispersion would not go undetected.This proved impossible since most creeks quickly become too steep and uphill progress is often terminated by cliffs.A number of silts returned high values.If an arbitrary value of 200ppm in Zn is assumed anomalous then several creeks can be identified as good targets for further exploration.

Sample 871478 of the Government Regional Stream Sediment Survey was anomalous in Ag,As,Zn, and Au.It was followed up in our program by silt samples 89CL001,002,003, and 89GL005 taken on the Nick 4 claim.By comparing results we see that although Zn and Au remain moderately anomalous upstream of the government silt locality the other anomalous metals are no longer present.In other follow ups of BCDM geochemical results the creek draining the north half of Nick 3 and Southeast corner of Nick 5 showed contrary results.Our samples here indicate encouraging Au levels (140 to 160ppb Au) wheras the government sample detected no anomalous Au and a high Ba result.The most encouraging results in the silt program came from creeks near Shazah Gossan #3.Samples M89L09 and M89L10 were highly anomalous both in Ba and Zn.

9c) **Soil Geochemistry**

The purpose of the soil sampling program was to detect mineralization by taking subsurface soils across suspected structural trends.All soil line traverses followed contours across the hillside to the North of Shazah Creek (Figure 4).This strategy was expected to reveal any underlying north trending mineralized structures.

Soil samples were collected at regular 100m intervals across hillsides at approximately the same elevation.A grubhoe was used to sample B horizon soils between 5-70cm depth.The samples were put in high strength kraft paper bags and shipped to MIN-EN LABS Ltd.705 West 15th Street North Vancouver,B.C. for analysis.The results of the analysis are included in this report in Appendix 1.

There are a number of soil anomalies occurring near Shazah Gossans #1 and #3.Soil samples M89S01 - M89S05 taken on a low elevation traverse recorded multi element anomalies in Au, Ag, As, Cu, Zn.A higher parallel contour traverse detected similar anomalies.The best values obtained from these two traverses is approximately 350 metres west of SG #3(samples M89S04, S05, S11) and they range 100-550ppb Au, 2.1-4.7ppm Ag, 115-247ppm As,115-606 ppm Cu, 160-317 ppm Zn. Future exploration programs should consider establishing a soil grid in the proximity of these samples to better define the extent of the geochemical anomaly.Soils collected along the hillside below SG #1 also produced good results.Samples 89GS002 and 89GS003 ran moderate to high in 6 elements plus minor Au.It should be noted that the occurence of these soil anomalies is supported by nearby anomalous rock geochem and at SG #3 also by silt anomalies.

Au-As anomalies occur at BC130 and BC132 which are spaced 100 metres apart.These anomalies are not significant on their own however a nearby rock sample, BCR119, gave a result of 220ppb Au.

10) Conclusions and Recommendations

Based on results of the 1989 preliminary geochemical survey some basic conclusions may be drawn and specific recommendations for additional work proposed.Encouraging results from rock and soil geochemistry near the Shazah #1 and #3 gossans warrant more work.Rock samples from Shazah Gossan #1 (SG#1) are consistently high in Cu andAg while some soil samples collected just downhill had multiple element anomalies.Anomalies from SG#3 were more dispersed.Soil samples from the west side of this gossan were high in Au, Cu, Zn, and Ag.Additional soil sampling should be done near both these gossans and an attempt made to bracket the anomalous area above and below using parallel contour lines.Detailed grid soils and mapping could be carried out once targets are more definite.

Follow up on the limited prospecting done in the northeast corner of the Nick 4 claim should be considered.The source of anomalous rock sample 89CR 003 could be traced and reconnaissance mapping done.In the summer additional prospecting and mapping above treeline on Nick 4 may result in new discoveries.Selected stream sediment anomalies also warrant investigation in particular, samples M89L09 and M89L10.

As well, a massive sulphide showing reported by Nelson (1981) occurs in the North end of the Nick3/Nick4 claims.This showing assayed exeptionally well (0.61 oz/ton Au, 64.91 oz/ton Ag, 16.6% Pb, 11.65% Zn, 0,16% Cu) and certainly requires follow up.

11) **Statement of Costs**

PROJECT: Tulsequah Project, Ecstall Mining Corporation

PERSONNEL	
PROJECT GEOLOGIST	1,755.00
GEOLOGIST	1,980.00
GEOLOGIST	2,145.00
FIELD TECHNICIAN	1,815.00
TRANSPORTATION	
HELICOPTER	10,500.00
TRUCK+FUEL	1,500.00
ASSAYS	
ROCKS	2,600.00
CAMP COSTS	
ROOM AND BOARD	2,500.00
EXPENSES	
TELEPHONE	300.00
MOB/DEMOB	2,000.00
EQUIPMENT	600.00
FILING FEES	1,470.00
REPORT WRITING/ DRAFTING	2,500.00
TOTAL EXPENDITURES	$31,655.00

12)**References**

1.Beacon Hill Consultants Ltd.Polaris-Taku Mine Geology Review and Exploration Program.Sept 1988.for Suntac Minerals Corp.

2.Greig, John A.Geochemical and EM-16 Geophysical Report on the Seq-1 and Seq-2 Mineral Claims.BCDM Assessment Report #8933.Feb 1981.for Comaplex Resources International Ltd.

3.Irvine, W.T..Geological Report on the Spec Claims, Atlin Mining Division. Assessment Report #77.Oct 1952.for Consolidated Mining and Smelting Ltd.

4.Kerr, F.A.Taku River Map Area, British Columbia.Geological Survey Memoir 248.1948.

5.Nelson, J.Geology and Geochemical Results on the ONO and OYA Claims.BCDM Asssessment Report #9007.Jan 1981.for Anglo Canadian Mining Corporation.

6.Northern Miner News.various articles. June 1988-Dec 1989.

7.Sother J.G.Geology and Mineral Deposits of Tulsequah Map Area.Geological Survey of Canada Memoir 362.1971.

Statements of Qualifications

I, George E. Nicholson do hereby certify that:

1/ I am a contract geologist and principle owner of Nicholson and Associates, Natural Resource Development Inc,with offices at #606-675 West Hastings Street, Vancouver, B.C.

2/I am a graduate of the University of British Columbia, BSc. Geology, and have worked in B.C. and the Yukon since 1983.

3/I am a member in good standing of numerous mining organizations including the Association of Exploration Geochemists and the Northwest Mining Association.

4/I was employed by Ecstall Mining Corporation to supervise a work program on the Nick 1-9 claims owned by them in Northwest B.C.

5/I have no interest, direct or indirect, in Ecstall Mining Corporation nor in any of its properties, nor do I expect to receive any such interest.

6/This report may be used by Ecstall Mining Corporation, in whole or in part, as they so require.

Dated at Vancouver, British Columbia, this 24th day of November, 1989.

George E. Nicholson

George E. Nicholson BSc.

I, Calvin L. Church do hereby certify that:

1/ I am a graduate of the University of British Columbia, BSc.Geology and have worked in the mineral industry since 1986.

2/I worked as a field geologist for Nicholson and Associates on the Tulsequah Property between Oct 22/89 and Nov 2/89.

3/I have no interest direct or indirect in Ecstall Mining Corporation nor any of its properties, nor do I expect to recieve any such interest.

Dated at Vancouver, British Columbia, this 24th day of November, 1989.

Calvin Church

Calvin Church BSc.

APPENDIX 1

Sample Descriptions
and Results

ROCK SAMPLE DESCRIPTION RECORD

Page: 1		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					Operator:
Sample No.	Location	Description	Analytical Results					
			Au ppb	Ag ppm	Pb ppm	Zn ppm	Cu ppm	Other
89CR001		grab - Float boulder of qtz-musc schist Rock is primarily white quartzite slight rusty stain	20	0.1	9	225	11	
89CR002		grab, Float - Finely grained silicified limestone, streaks of graphite (blueish) No visible sx.	10	1.0	80	143		
89CR003		grab, Float - quartz breccia Coarsely granular quartzite, angular mafic frags, malachite/ azurite stain py 1% ± cpy	305	5.6	514	674		
89CR004		grab, Float - qtz-musc schist sample is almost 70% quartzite, greenish hue trace py.	55	0.3	20	79		
89CR005		grab, Float - DK green andesite limonite on surfaces, chlor.tic	15	0.7	34	130		
89CR006		grab, Float - med. dark green chlor.tic andesite tuff slightly fragmental, qtz-carbonate stringers 1-2mm. py 1-2%	10	0.1	68	127		

ROCK SAMPLE DESCRIPTION RECORD

Page: 2 | Project: TULSEQUAH RIVER | Location: NICK CLAIMS | Operator:

Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
89 CR 007		grab, float - rhyolite breccia, chlorite blebs (2mm), py 1%	15	0.1	19	54		
89 CR 008		grab, float - Andesite tuff. hornfelsed, secondary biotite. ±chlorite, trace py.	5	1.8	28	50		
89 CR 009		grab, float - Dacite, carb altered qtz - carb veining, py 1% disseminated	5	0.9	69	80		
89 CR 008A		grab float - (talus rubble from cliffs) green andesite lapilli tuff - feldspar, chl, qtz phenos, ±carb, trace disseminated py	10	1.0	20	71		
89 CR 009 A		grab, float - (at base of cliffs) silicified dacite tuff. pale green, flow banded fg. pyrite along flow banding and in disseminations, py 2-3%.	90	2.4	19	63		
89 CR 010		chip, o/c 0.5m - Dacite tuff intrusive dykes adjacent. coarsely grained py 1-2% disseminated along fractures	10	2.4	48	73		

ROCK SAMPLE DESCRIPTION RECORD

Page: 3 | Project: TULSEQUAH RIVER | Location: NICK CLAIMS | Operator:

Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Cu	Other
89 CR 011		Chip, c/c, (0.5 m wide) Fesic dyke in dark green dacite tuff dissem py 1% dyke & cpy	10	0.8	13	32		
89 CR 012		Chip, c/c, (0.5 m) - silic. fiel green andesite, qtz veins/ stringers cut the c/c. some Chloritic alt'n in areas pty 2-3%	25	2.2	19	48		
89 CR 013, 89 CR 014		Chip, c/c. (1.0 m) - along malachite/ azurite stained zone. c/c is at base of cliffs Chloritic dyke adjacent Heavy propylitic alt'n throughout. Veins contain 15% qtz, 2-3 % py, trace cpy, ± malachite/azurite.	15	10.4	17	54	798	
			20	10.6	18	87	1131	
89 CR 015		grab, Float - Rhyolite boulder. qtz - musc. schist, flow banding, greenish hue, rusty limonitic fractures	5	1.7	68	32		

ROCK SAMPLE DESCRIPTION RECORD

Page: 4 | Project: TULSEQUAH RIVER | Location: NICK CLAIMS | Operator:

Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
89CR016		grab, float - Dacite/Andesite aggln. kaol. altn, 1% calc, trace mal, trace cpy.	30	0.7	7	51		
89CR017		grab, o/c - Qtz-muscovite schist foliated, pale green micaceous (phlogopite) alteration with white laminae stained qtz, trace py.	10	0.2	21	37		
89CR018		grab float - (o/c of cliff uphill probable source) Andesite, heavily propylitized calcite, sep. qtz flooded with veinlets of qtz trace mal, trace cpy, weakly magnetic.	5	3.2	43	78		
89CR019		grab o/c - rusty qtz vein in volcanic rock, highly fractured, limonite especially on fractures trace py.	25	0.3	26	25		
89CR020		grab o/c - Qtz stringers in graphitic argillite. Laminae stained, discontinuous veins <1" wide, foliated argillite	5	0.4	23	10		

ROCK SAMPLE DESCRIPTION RECORD

Page: 5 | Project: TULSEQUAH RIVER | Location: NICK CLAIMS | Operator:

Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
BCR 114		White, grey mica schist (musc.) moderate qtz flooding. trace dissem. py. Platy minor Fe-limonite stain.	75	0.6	22	40		
BCR 115		Fe-stained mica schist (musc.) trace dissem. py.	15	0.6	29	41		
BCR 116		Grey, med grained, mod-strongly silicified Andesite/Dacite. trace dissem py, Strong Fe-limonite stain. weak-mod. argillic altn.	10	3.1	60	182		
BCR 117		White, grey mica schist (musc) to augen gneiss. Weak Fe-limonite stain trace dissem py.	5	0.5	34	59		
BCR 118		Gossanous. Andesite to Dacite dark grey, moderate argillic altn. 1% dissem py fine grained	30	1.4	35	46		
BCR 119		Mica schist → Andesite/Dacite trace dissem. py.	220	0.6	39	47		

ROCK SAMPLE DESCRIPTION RECORD

Page: 6		Project: TULSEQUAH RIVER	Location: NICK CLAIMS				Operator:	
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
BCR 120		Dark f.g aphanitic andesite. Low metamorphic grade dissem py 1% limonite stain.	5	2.8	39	57		
BCR 121		Dacite coursely grained, qtz-carbonate altd. coursely grained py 2-3%. limonite stain, secondary biot, ± argillic altn	15	1.6	45	75		
BCR 123		Same as above	5	0.9	25	40		
BCR 124		Same as above	10	1.4	25	40		
M-89-R001		Moderately siliceous, partly qtz flooded, fe-limonite altn sheared, dark grey - black mica schist (musc.) Fine - med grained. trace py. grab from o/c	5	0.1	21	60		
M-89-R007		Strongly siliceous quartzite to quartz veined (~2m wide) minor Fe altn, mostly barren qtz. trace dissem. py.	5	0.1	3	15		

ROCK SAMPLE DESCRIPTION RECORD

Page: 7		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
M-89-R003		Moderately siliceous. Fe-limonite altered grey black meta argillite with interbedded quartzite. trace dissem. py. qtz flooded. med grained. o/c grab.	15	0.8	33	57		
M-89-R004		Float Moderate - strongly siliceous, qtz flooded Rhyolite, 1% dissem. py. trace grey sulphides minor chlorite. Strong Fe limonite alt^n. fine - med grained.	60	0.7	18	26		
M-89-R005		o/c, grab - gossamous, moderate strongly siliceous, Fe-limonite alt^n dark grey to white Rhyolite Flow fine - med grained. weak argillic alt^n. 1-2% dissem. py.	10	1.5	31	59		
M-89-R006		o/c, grab - gossanous, moderate - strongly siliceous, grey-green andesite. Fe limonite alt^n strong, weak argillic alt^n 1-2% dissem. py.	5	0.7	21	30		

ROCK SAMPLE DESCRIPTION RECORD

Page: 8 | Project: TULSEQUAH RIVER | Location: NICK CLAIMS | Operator:

Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
M-89-R007		ok, grab - gossanous, moderate strongly siliceous, grey green Andesite/Dacite flow. 1-2% dissem. py. pyrite along fractures	5	2.2	18	53		
M-89-R008		ok, grab - gossanous, mod-strongly siliceous; Andesite/Rhyolite flow, 1% dissem. py; white-light grey, med grained, strong Fe limonite altn. weak argillic altn.	10	2.4	25	63		
M-89-R009		gossanous, ok, grab - highly altered, sheared, weak argillic altn Andesite/Dacite, 10% dissem. py. and py along fracture Fe-limonite altn.	10	2.1	31	53		
M-89-R010		ok, grab, - mod-strongly siliceous. Qtz veined to quartzite with mica schist (musc.) no visible sulphides. weak Fe-limonite stain	5	0.1	10	24		

ROCK SAMPLE DESCRIPTION RECORD

Page: 9		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					Operator:
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
M-89-R011		o/c, grab - mod-strongly siliceous volcanic breccia. trace dissem. py fragments subangular to rounded. weak - moderate limonite altn.	30	0.6	40	36		
M-89-R012		o/c, grab - strongly siliceous, med. grained flow banded Rhyolite grey-white with 1% dissem. py moderate to strong gossanous limonite-Fe altn. weak argillic altn.	10	0.4	12	29		
M-89-R013		float, grab - mod-strongly siliceous, med grained, Andesite/ Dacite, strong gossanous Fe-limonite altn. trace dissem py small vuggy cavities.	5	0.6	27	47		
M-89-R014		o/c, grab - strongly siliceous, qtz floated Dacite/Rhyolite faint flow banding, highly gossanous Fe-limonite altn. trace to <1% dissem. py, grey to white color med grained, possible trace cpy.	10	0.8	38	60		

ROCK SAMPLE DESCRIPTION RECORD

Page: 10		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
M-89-R015		float - strongly siliceous, gossanous limonite-Fe stained altn. Qtz vein, trace dissem py, minor vuggy, drusy, cavities.	5	0.5	20	41		
M-89-R016		float - strongly siliceous, weak Fe-limonite altn. Qtz vein, trace dissem py	20	0.1	7	17		
BCR-125		mod-strongly siliceous, qtz flooded, Rhyolite, white-green, weak Fe-limonite altn, no visible sulphides. breccia fragments visible (volcanic brx) angular to sub rounded frags.	5	2.0	17	31		
BCR-126		fine-medium grained, white to light grey green, flow banded, qtz flooded dacite, <1% dissem py, moderately siliceous, gossanous Fe-limonite altn.	5	0.9	25	40		

ROCK SAMPLE DESCRIPTION RECORD

Page: 11		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
BCR-128		moderate - strongly siliceous, qtz flooded dacite. faint flow banding med grained, grey green, weak Fe-limonite alt^{n}. No visible sulphides.	20	0.6	8	38		
BCR-131		Highly folded and crenulated qtz mica schist, no visible sulphides, white mica (musc), medium grained.	15	0.6	14	27		
BCR-133		Med. grained, weak to moderately siliceous, highly folded, crenulated mica schist (qtz-muscovite schist) white, grey-green, weak-mal. qtz flooding. No visible sulphide	10	0.5	22	74		
89 GR 001		Float - trace py. in qtz vein. Metavolcanic (metaandesite) sericite, creamy green color. Float from talus below Shazah Grossan #1 (SG1).	5	2.8	2	30		

ROCK SAMPLE DESCRIPTION RECORD

Page: 12 | Project: TULSEQUAH RIVER | Location: NICK CLAIMS | Operator:

Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
89 GR 002		Float - siliceous Dacite flow 2% py, < 0.5% cpy disseminated. Fe staining, sericite + epidote altn, pale green-grey	15	34	31	49		
89 GR 003		float - talus samples taken downslope from gossan same as 89GR002.	30	1.1	17	32		
89 GR 004		Strong Fe stained meta-andesite, coarse grained. chlorite altn, med. grained crystalline qtz, weak veining. 3-5% diss + blebby py >> cpy. talus float.	10	1.5	12	27		
89 GR 005		as per 89 GR 004. 10m distance.	15	4.2	45	72		
89 GR 006		1m chip - pyritized (1% py) gneiss. Fe stain, qtz weathering, sugary, alternating qtz meta-andesite bands.	5	1.0	24	48		
89 GR 007		1.5m chip - siliceous meta-andesite mod. clay altn trace → 1% py + cpy, pods of blebby mineralization.	25	1.0	21	53		

ROCK SAMPLE DESCRIPTION RECORD

Page: 13		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
89 GR 008		1.5 m chip weakly deformed meta-andesite. Strong Fe-stain, sericite clay chlorite alt^{n}, 1-2% diss py.	20	1.6	21	45		
89 GR 009		2.0 m chip, pyritic meta-andesite 2% dissem. py, chlorite alt^{n}, weak foliation developed.						
89 GR 010		as per 89 GR 009						
89 GR 011		2.0 m chip - strongly Fe-stained meta-andesite. Originally an andesite tuff? 2% dissem. py. ± arsenopyrite. Zones of patchy mineralization.						
89 GR 012		2.0 m chip - bleached felsic volcanic. weakly metamorphosed. sugary texture. trace - 1% dissem. py.						
89 GR 013		Float, boulder in talus 1m diam 5-10% sulphides, py, cpy in a deep orange-brown, calcite altered metavolcanic.						

ROCK SAMPLE DESCRIPTION RECORD

Page: 14		Project: TULSEQUAH RIVER	Location: NICK CLAIMS					
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
89 GR 014		trace dissem. py. in pervasive carbonate altered felsic volcanic (felsic dyke?)						
89 GR 015		orange-brown, carbonate altd, strong fuchsite, trace sericite alt^{n}. barite rich dolostone?						
89 GR 016		trace py. in calcic greenschist.						
89 GR 017		trace dissem. py, cpy in crystalline marble, lieseganq staining.						
89 GR 018		1-2% dissem py in a meta-andesite. Dark green, abundant calcite. Very broken up. V$_p$ to 7% py.						

ROCK SAMPLE DESCRIPTION RECORD									
Page: 15		Project: TULSEQUAH RIVER	Location: NICK CLAIMS			Operator:			
Sample No.	Location	Description	Analytical Results						
			Au	Ag	Pb	Zn	Other		
89 GR 019		< 2% dissem. py, cpy, ± galena in siliceous fault breccia volcanic (Dacite). Calcite-chlorite-clay alt^n, some manganese staining.							
89 GR 020		As per 89 GR 019							
89 GR 021		As per 89 GR 020							
89 GR 022		weakly faulted, calcite rich andesite with later stage silica flooding. Introduced pyrite, disseminated and cubic.							
89 GR 023		Qtz-musc.-calc schist (almost gneissic) Clay alt^n, Biotite weathering creating gossan? West side of Tulsequah River.							

COMP: ECSTALL MINING/NICHOLSON ASS
PROJ: TULSEQUAH
ATTN: C.GRAF/G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1505-RJ1
DATE: NOV-17-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
89 CR 001	.1	29	59	11	9	1	225	20
89 CR 002	1.8	1	13	4	80	15	143	10
89 CR 003	5.6	1	16	71	574	37	674	305
89 CR 004	.3	33	75	13	28	1	79	55
89 CR 005	.7	1	63	267	34	7	138	15
89 CR 006	.9	1	34	94	68	7	127	40
89 CR 007	.1	1	88	23	19	1	54	15
89 CR 008A	1.0	1	73	56	20	5	71	10
89 CR 008	1.8	18	15	43	28	1	50	5
89 CR 009	.9	35	616	54	69	9	80	5
89 CR 009A	2.4	1	44	254	19	1	63	90
89 CR 010	2.4	1	23	221	48	7	73	10
89 CR 011	.8	1	33	39	13	1	32	10
89 CR 012	2.2	36	15	86	19	1	48	25
89 CR 013	10.4	14	7	798	17	1	54	15
89 CR 014	10.6	7	6	1131	18	1	87	20
89 CR 015	1.7	63	16	50	68	12	32	5
89 CR 016	.4	1	258	24	2	1	51	30
89 CR 017	.6	1	132	31	21	1	34	10
89 CR 018	3.2	1	29	79	43	5	78	5
89 CR 019	.3	9	39	19	26	1	25	25
89 CR 020	.4	15	226	43	23	1	60	5
89 GR 001	2.8	1	12	443	2	1	30	5
89 GR 002	3.4	1	81	532	31	3	49	15
89 GR 003	1.1	14	24	75	17	1	32	30
89 GR 004	1.5	1	11	75	12	2	27	10
89 GR 005	4.2	1	208	455	45	4	72	15
89 GR 006	1.0	1	275	74	24	1	48	5
89 GR 007	1.0	3	56	96	21	1	53	25
89 GR 008	1.6	15	61	59	21	1	45	20

COMP: ECSTALL MINING/NICHOLSON ASS
PROJ: TULSEQUAH
ATTN: C.GRAF/G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1505-RJ2
DATE: NOV-17-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
M 89 001	.1	1	183	37	21	1	60	5
M 89 002	.1	9	19	3	3	1	15	5
M 89 003	.8	27	131	53	33	4	57	15
M 89 004	.7	72	102	6	18	1	26	60
M 89 005	1.5	1	214	255	37	22	59	10
M 89 006	.7	1	106	122	21	1	30	5
M 89 007	2.2	1	32	393	18	1	53	5
M 89 008	2.4	1	20	657	25	1	63	10
M 89 009	2.1	5	105	438	31	1	53	10
M 89 010	.1	34	94	25	10	1	24	5
M 89 011	.6	259	219	25	40	4	36	30
M 89 012	.4	1	197	75	12	1	29	10
M 89 013	.6	1	177	58	27	1	47	5
M 89 014	.8	1	215	135	38	1	60	10
M 89 015	.5	28	104	62	20	1	41	5
M 89 016	.1	13	14	15	7	1	17	20
BCR 114	.6	4	135	9	22	1	40	25
BCR 115	.6	2	2284	34	29	1	41	15
BCR 116	3.1	1	167	332	60	6	182	10
BCR 117	.5	7	1017	30	34	2	59	5
BCR 118	1.4	86	97	92	35	1	46	30
BCR 119	.6	21	152	19	39	3	47	220
BCR 120	2.8	1	80	193	39	3	57	5
BCR 121	1.6	1	285	247	45	3	75	15
BCR 123	.9	8	79	60	25	1	40	5
BCR 124	1.4	6	681	74	25	1	40	10
BCR 125	2.0	1	112	79	17	1	31	5
BCR 126	.9	18	529	19	25	1	39	5
BCR 128	.6	1	69	22	8	1	38	20
BCR 131	.6	1	84	24	14	1	27	15
BCR 133	.5	1	148	18	22	3	74	10

COMP: ECSTALL MINING/NICHOLSON ASS
PROJ: TULSEQUAH
ATTN: C.GRAF/G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1505-SJ1+2
DATE: NOV-17-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
89 GL 001	.4	52	95	25	23	2022	74	5
89 GL 002	.9	108	169	259	43	15	577	5
89 GL 003	.7	88	105	100	30	3	111	5
89 GL 004	1.0	1	138	70	83	8	143	20
89 GL 004 DUP.	1.1	224	297	179	59	9	715	30
89 GL 005	1.3	30	181	95	166	9	197	5
89 GL 006	1.0	24	133	47	48	4	123	5
89 GL 007	1.0	72	115	80	85	7	292	25
89 GL 008	1.6	72	143	71	84	3	139	10
89 GL 009	.8	13	140	40	35	1	94	10
89 GL 010	1.1	1	270	150	67	6	216	5
89 GL 011	1.0	1	268	149	73	5	221	5
89 GL 012	1.0	1	197	84	62	3	180	5
89 GL 013	1.1	1	252	144	65	5	179	5
89 CS 001	.4	1	40	39	24	1	47	5
89 CS 002	.3	1	89	15	19	1	49	10
89 CS 003	.6	15	65	45	77	1	156	5
89 CS 004	.8	18	115	33	277	2	167	25
89 CS 005	.1	12	125	26	31	1	60	5
89 CS 006	.2	1	150	17	46	5	85	5
89 CS 007	1.8	75	143	30	11	1	58	35
89 CS 008	.6	1	50	12	7	1	23	5
89 CS 009	.9	14	346	161	44	1	158	5
89 CS 010	.6	38	129	138	48	1	140	5
89 CL 001	.6	30	80	57	67	4	132	20
89 CL 002	.4	61	234	100	100	12	160	15
89 CL 003	1.4	1	82	104	80	9	81	15
89 CL 004	.2	50	125	38	38	1	122	5
89 CL 005	.2	186	124	40	47	2	146	5
89 CL 006	.1	1	156	31	21	1	139	5
89 CL 007	.3	1	133	39	34	1	126	5
89 CL 008	.2	1	134	35	20	1	107	5
89 BC 114	1.1	1	59	141	1	1	104	10
89 BC 115	.7	1	192	121	17	1	42	5
89 BC 116	2.2	1	75	51	23	1	88	5
89 BC 117	1.5	52	52	86	17	1	68	5
89 BC 118	1.9	1	55	64	17	1	52	15
89 BC 119	2.2	33	87	41	28	1	63	5
89 BC 120	4.3	1	85	316	20	1	98	5
89 BC 122	2.4	1	55	211	28	1	73	5
89 BC 124	1.5	1	196	111	22	1	67	5
89 BC 125	2.5	1	51	187	15	1	53	5
89 BC 127	2.4	17	90	83	14	1	54	5
89 BC 129	2.3	1	76	52	55	1	152	5
89 BC 130	.7	237	134	18	9	1	97	300
89 BC 132	1.3	344	94	37	41	3	113	40
89 BC 134	.7	23	56	34	26	1	78	5
89 BC 135	.7	6	58	36	31	1	82	5
BS 101	.6	9	175	26	20	1	84	5
BS 102	.5	11	228	66	40	1	178	5
BS 103	.5	17	220	61	36	1	193	115
BS 104	.6	5	156	102	62	3	129	10
BS 105	.7	3	110	54	60	3	102	5
BS 106	.6	7	141	109	42	2	88	10
BS 107	.6	2	90	52	28	1	65	5
BS 108	.2	1	78	27	25	1	108	5
BS 109	.4	1	121	37	40	1	125	5
BS 110	.5	1	136	47	36	1	159	95
BS 111	.4	1	101	31	30	1	134	5
BS 112	.3	1	115	40	30	1	132	5

COMP: ECSTALL MINING/NICHOLSON ASS
PROJ: TULSEQUAH
ATTN: C.GRAF/G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1505-SJ3
DATE: NOV-17-89
* TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
BS 113	.1	1	116	47	34	1	135	5
BS 114	.1	1	120	34	22	1	131	5
89 GS 001	2.8	10	26	74	11	1	48	5
89 GS 002	3.1	353	100	486	277	7	165	15
89 GS 003	2.2	116	147	454	206	1	158	10
89 GS 004	.9	1	16	14	6	1	19	5
89 GS 005	.8	34	16	61	5	1	33	5
89 GS 006	.2	1	52	38	22	1	60	5
89 GS 007	.3	1	148	121	59	1	145	5
M 89 L06	.3	40	128	41	66	1	82	160
M 89 L07	.3	35	177	40	57	1	99	140
M 89 L08	.1	11	164	38	39	1	103	5
M 89 L09	.7	99	217	88	55	1	507	15
M 89 L10	.7	44	232	69	35	1	725	5
M 89 S01	2.9	269	47	428	42	9	90	45
M 89 S02	1.4	1	37	148	21	1	41	10
M 89 S03	.7	1	42	56	4	1	28	5
M 89 S04	4.7	64	169	606	61	1	160	100
M 89 S05	4.5	247	47	491	55	1	252	380
M 89 S06	.3	1	86	55	21	1	113	5
M 89 S07	2.7	1	62	241	29	1	87	5
M 89 S08	1.7	111	91	188	72	1	105	5
M 89 S09	2.7	1	124	41	25	1	67	5
M 89 S10	1.0	175	159	58	33	6	94	5
M 89 S11	2.1	115	217	115	118	1	317	550
M 89 S12	1.6	128	170	67	60	3	100	25
M 89 L01	.5	41	140	71	39	2	100	5
M 89 L02	.7	37	175	94	37	3	100	5
M 89 L03	.6	22	186	95	43	3	111	10
M 89 L04	.6	5	147	83	39	3	89	5
M 89 L05	.7	14	186	95	57	6	122	5

COMP: ECSTALL MINING
PROJ: TULSEQUAH
ATTN: C.GRAF/G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9V-1549-RJ1
DATE: NOV-23-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
89GR 009	2.8	10	113	369	35	1	53	5
89GR 010	2.9	1	46	119	24	1	44	5
89GR 011	3.0	5	76	149	29	1	41	10
89GR 012	.3	5	163	99	17	1	26	5
89GR 013	4.2	45	12	1587	16	2	73	5
89GR 014	.7	17	555	47	20	1	62	60
89GR 015	2.0	1	41	37	101	24	36	5
89GR 016	.5	1	119	42	55	1	94	5
89GR 017	.3	1	554	8	63	1	86	10
89GR 018	.9	1	21	18	354	3	207	15
89GR 019	1.2	1	45	41	38	1	68	5
89GR 020	1.8	1	68	42	33	1	76	5
89GR 021	1.6	1	66	38	31	1	70	5
89GR 022	1.6	19	26	14	91	26	73	5
89GR 023	.1	1	175	65	28	1	71	5

Tulsequah

APPENDIX 2

Claim Information

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM - MINERAL TENURE ACT
SECTION 23

MAP NO. 104K/13E

RECORD NO. 3502(12)

MINING RECEIPT NO. 427400H RECORDED AT ATLIN

DATE OF RECORD DEC. 21 88

DO NOT WRITE IN THIS SHADED AREA

GOLD COMMISSIONER

ATLIN
MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT
NAME OF LOCATOR

C/O 16-4078 4th AVE.
ADDRESS

WHITEHORSE, YUKON

(403) 668-6600 Y1A 4K8
TELEPHONE POSTAL CODE

VALID SUBSISTING F.M.C. NO. 269604

FMC CODE

AGENT FOR SEAMUS YOUNG
NAME

1500-409 GRANVILLE ST.
ADDRESS

VANCOUVER, B.C.

(604) 689-0299 V6C 1T2
TELEPHONE POSTAL CODE

VALID SUBSISTING F.M.C. NO. 264 819

FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K 13/E in the ATLIN Mining Division.

ACCESS

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP. IS 5.5 KM AT 310° FROM MOUNT EATON, AND 4.8 KM AT 5° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119741

CLAIM NAME NICK 1

LOCATOR LAURENT BRAULT

FMC NO. 269604

AGENT FOR SEAMUS YOUNG

FMC NO. 264 819

DATE COMMENCED DEC. 21, 1988

TIME 11:30 AM

DATE COMPLETED DEC. 21, 1988

TIME 11:35 AM

NUMBER OF CLAIM UNITS

N ___ S 6 E ___ W 3

IDENTIFICATION POSTS NOT PLACED

were ALL OF THEM.

because VERY STEEP, SNOW COVERED TERRAIN.

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post

is _____ degrees,

at a distance of _____ metres.

Bearing from identification post to witness post _____

degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400H
ATLIN, B.C. STS.

RECORDING STAMP

MTL 103 Rev 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT
SECTION 23

MAP NO. M104K/13E

RECORD NO. 3503 (12)

MINING RECEIPT NO. 427400 H RECORDED AT ATLIN BY DATE OF RECORD DEC. 21 19 88

DO NOT WRITE IN THIS SHADED AREA — GOLD COMMISSIONER — ATLIN MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT (NAME OF LOCATOR)
c/o #16 4078 - 4th AVE. (ADDRESS)
WHITEHORSE, YUKON
(403) 668-6600 (TELEPHONE) Y1A-4K8 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 269604
FMC CODE

AGENT FOR SEAMUS YOUNG (NAME)
1500 - 409 GRANVILLE ST. (ADDRESS)
VANCOUVER, B.C.
(604) 689-0299 (TELEPHONE) V6C 1T2 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 264 819
FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/13E in the ATLIN Mining Division.

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW IN HELICOPTER FROM ATLIN. THE LCP. IS 5.5 KM AT 310° FROM MOUNT EATON, AND 4.8 KM AT S° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119742
CLAIM NAME NICK 2
LOCATOR LAURENT BRAULT
FMC NO. 269604
AGENT FOR SEAMUS YOUNG
FMC NO. 264 819
DATE COMMENCED DEC 21 1988
TIME 11:30 AM.
DATE COMPLETED DEC. 21 1988
TIME 11:40 A.M.

NUMBER OF CLAIM UNITS

N ____ S 6 E 3 W ____

IDENTIFICATION POSTS NOT PLACED NONE WERE PLACED.

were VERY STEEP, SNOW COVERED TERRAIN

because ↙

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post is ____ degrees,

at a distance of ____ metres.

Bearing from identification post to witness post ____ degrees, at a distance of ____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400 H
ATLIN, B.C.
RECORDING STAMP

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT
SECTION 23

MAP NO. M104K/13E

RECORD NO. 3504(12)

MINING RECEIPT NO. 427400H RECORDED AT ATLIN DATE OF RECORD DEC. 21 '88

DO NOT WRITE IN THIS SHADED AREA

GOLD COMMISSIONER

ATLIN
MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT
NAME OF LOCATOR

c/o 16-4078 4th AVE.
ADDRESS

WHITEHORSE, YUKON

(403) 668-6600 TELEPHONE Y1A 4K8 POSTAL CODE

VALID SUBSISTING F.M.C. NO. 269604

FMC CODE

AGENT FOR SEAMUS YOUNG
NAME

1500-409 GRANVILLE ST.
ADDRESS

VANCOUVER, B.C.

(604) 689-0299 TELEPHONE V6C 1T2 POSTAL CODE

VALID SUBSISTING F.M.C. NO. 264819

FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104 K/13E in the ATLIN Mining Division.

ACCESS

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP, IS 5.5KM AT 310° FROM MOUNT EATON, AND 4.8KM. AT 5° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119743

CLAIM NAME NICK 3

LOCATOR LAURENT BRAULT

FMC NO. 269604

AGENT FOR SEAMUS YOUNG

FMC NO. 264819

DATE COMMENCED DEC. 21 1988

TIME 11:30 AM.

DATE COMPLETED DEC. 21 1988

TIME 11:45 AM.

NUMBER OF CLAIM UNITS

N 6 S E W 3

IDENTIFICATION POSTS NOT PLACED

were NONE PLACED.

because VERY STEEP, SNOW COVERED TERRAIN

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post is _____ degrees,

at a distance of _____ metres.

Bearing from identification post to witness post _____ degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400H
ATLIN, B.C.

RECORDING STAMP

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT

SECTION 23

MAP NO M104K/13E RECORD NO 3505(12)

MINING RECEIPT NO. 427400H RECORDED AT ATLIN B.C. DATE OF RECORD DEC. 21 88

DO NOT WRITE IN THIS SHADED AREA — GOLD COMMISSIONER — ATLIN MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT (NAME OF LOCATOR)
c/o 16-4078 4th AVE. (ADDRESS)
WHITEHORSE, YUKON
(403) 668-6600 (TELEPHONE) Y1A 4K8 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 269604
FMC CODE

AGENT FOR SEAMUS YOUNG (NAME)
1500-409 GRANVILLE ST, (ADDRESS)
VANCOUVER, B.C. V6C 1T2
(604) 689-0299 (TELEPHONE) V6C 1T2 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 264819
FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/13E in the ATLIN Mining Division.

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP. IS 5.5 KM AT 310° FROM MOUNT EATON, AND 4.8 KM. AT 5° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST
TAG NO. 119744
CLAIM NAME NICK 4
LOCATOR LAURENT BRAULT
FMC NO. 269604
AGENT FOR SEAMUS YOUNG
FMC NO. 264819
DATE COMMENCED DECEMBER 21, 1988
TIME 11:30 AM.
DATE COMPLETED DEC. 21, 1988
TIME 11:50 AM
NUMBER OF CLAIM UNITS
N 6 S E 3 W

IDENTIFICATION POSTS NOT PLACED
were NONE WERE PLACED.
because VERY STEEP, SNOW COVERED TERRAIN

*If a witness post was placed for the legal corner post:
Bearing from witness post to true position of legal corner post is _____ degrees,
at a distance of _____ metres.
Bearing from identification post to witness post _____ degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400H
ATLIN, B.C.
RECORDING STAMP

MTL 103 Rev. 88/06

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OFFICE USE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT
SECTION 23

MAP NO M104K/1 RECORD NO 3506 (12)

MINING RECEIPT NO 427400H RECORDED AT ATLIN B.C. DATE OF RECORD DEC. 21 19 88

DO NOT WRITE IN THIS SHADED AREA — GOLD COMMISSIONER — ATLIN MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT (NAME OF LOCATOR) AGENT FOR SEAMUS YOUNG (NAME)

c/o 16-4078 4th AVE. (ADDRESS) 1500-409 GRANVILLE ST. (ADDRESS)

WHITEHORSE, YUKON VANCOUVER, B.C.

(403) 668-6600 (TELEPHONE) Y1A 4K8 (POSTAL CODE) (604) 689-0299 (TELEPHONE) V6C 1T2 (POSTAL CODE)

VALID SUBSISTING F.M.C. NO. 269604 VALID SUBSISTING F.M.C. NO. 264819

FMC CODE FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/13E in the ATLIN Mining Division.

ACCESS

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP. IS 6.7 KM AT 304° FROM MOUNTEATON AND 5.0 KM AT 346° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119745

CLAIM NAME NICK 5

LOCATOR LAURENT BRAULT

FMC NO. 269604

AGENT FOR SEAMUS YOUNG

FMC NO. 264819

DATE COMMENCED DECEMBER 21, 1988

TIME 12:10 P.M.

DATE COMPLETED DEC. 21, 1988

TIME 12:15 P.M.

NUMBER OF CLAIM UNITS

N 6 S E W 3

IDENTIFICATION POSTS NOT PLACED

were NONE WERE PLACED.

because VERY STEEP, SNOW COVERED TERRAIN.

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post

is _____ degrees,

at a distance of _____ metres.

Bearing from identification post to witness post _____

degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400H
ATLIN, B.C. 815.

RECORDING STAMP

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT
SECTION 23

OFFICE USE

MAP NO. M104K/13E

RECORD NO. 3507 (12)

MINING RECEIPT NO. 427400 H RECORDED AT ATLIN DATE OF RECORD DEC. 21 88

DO NOT WRITE IN THIS SHADED AREA

GOLD COMMISSIONER

ATLIN
MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT
NAME OF LOCATOR

c/o 16-4078 4th AVE.
ADDRESS

WHITEHORSE, YUKON

(403) 668-6600 Y1A 4K8
TELEPHONE POSTAL CODE

VALID SUBSISTING F.M.C. NO. 269604

FMC CODE

AGENT FOR SEAMUS YOUNG
NAME

1500-409 GRANVILLE ST.
ADDRESS

VANCOUVER, B.C.

(604) 689-0299 V6C 1T2
TELEPHONE POSTAL CODE

VALID SUBSISTING F.M.C. NO. 264819

FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/13E in the ATLIN Mining Division.

ACCESS

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP IS 6.7 KM AT 304° FROM MOUNT EATON AND 5.0 KM AT 346° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119746

CLAIM NAME NICK 6

LOCATOR LAURENT BRAULT

FMC NO. 269604

AGENT FOR SEAMUS YOUNG

FMC NO. 264819

DATE COMMENCED DEC. 21, 1988

TIME 12:10 PM

DATE COMPLETED DEC. 21, 1988

TIME 12:20 PM

NUMBER OF CLAIM UNITS

N ____ S. 6 E ____ W 3

IDENTIFICATION POSTS NOT PLACED

were NONE WERE PLACED

because VERY STEEP, SNOW COVERED TERRAIN.

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post is ____ degrees,

at a distance of ____ metres.

Bearing from identification post to witness post ____ degrees, at a distance of ____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400 H
ATLIN, B.C. 815.

RECORDING STAMP

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

OFFICE USE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT

SECTION 23

MAP NO. M104K/13E/12E RECORD NO. 3508(12)

MINING RECEIPT NO. 427400H RECORDED AT ATLIN B.C. DATE OF RECORD DEC. 21 88

DO NOT WRITE IN THIS SHADED AREA — GOLD COMMISSIONER — ATLIN MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT (NAME OF LOCATOR)
c/o #16 4078 4th AVE (ADDRESS)
WHITEHORSE, YUKON
(403) 668-6600 (TELEPHONE) Y1A-4K8 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 269604
FMC CODE

AGENT FOR SEAMUS YOUNG (NAME)
1500-409 GRANVILLE ST. (ADDRESS)
VANCOUVER, B.C.
(604) 689-0299 (TELEPHONE) V6C 1T2 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 264819
FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/13E+12E in the ATLIN Mining Division.

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP. IS 7.8 KM AT 260° FROM MOUNT EATON, AND 3.15 KM AT 268° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119747
CLAIM NAME NICK 7
LOCATOR LAURENT BRAULT
FMC NO. 269604
AGENT FOR SEAMUS YOUNG
FMC NO. 264 819
DATE COMMENCED DEC. 21, 1988.
TIME 11:55 AM
DATE COMPLETED DEC. 21, 1988
TIME 12:00 AM

NUMBER OF CLAIM UNITS
N 4 S ____ E 5 W ____

IDENTIFICATION POSTS NOT PLACED
were NONE WERE PLACED.
because VERY STEEP, SNOW COVERED TERRAIN.

*If a witness post was placed for the legal corner post:
Bearing from witness post to true position of legal corner post is ____ degrees,
at a distance of ____ metres.
Bearing from identification post to witness post ____ degrees, at a distance of ____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400H
ATLIN, B.C. 815.
RECORDING STAMP

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT
SECTION 23

MAP NO M104K/12E

RECORD NO 3509(12)

MINING RECEIPT NO 427400H RECORDED AT ATLIN DATE OF RECORD DEC. 21 1988

DO NOT WRITE IN THIS SHADED AREA — GOLD COMMISSIONER — ATLIN MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT (NAME OF LOCATOR)
c/o 16-4078 - 4th AVE (ADDRESS)
WHITEHORSE, YUKON
(403) 668-6600 (TELEPHONE) Y1A-4K8 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 269604
FMC CODE

AGENT FOR SEAMUS YOUNG (NAME)
1500-409 GRANVILLE ST (ADDRESS)
VANCOUVER, BC.
(604) 689-0299 (TELEPHONE) V6C-1T2 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 264819
FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/12E in the ATLIN Mining Division.

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP. IS 7.8KM AT 260° FROM MOUNT EATON, AND 3.15 KM AT 268° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119748
CLAIM NAME NICK 8
LOCATOR LAURENT BRAULT
FMC NO. 269604
AGENT FOR SEAMUS YOUNG
FMC NO. 264819
DATE COMMENCED DEC. 21, 1988
TIME 11:55 AM
DATE COMPLETED DEC. 21, 1988
TIME 12:05 PM.

NUMBER OF CLAIM UNITS

N ____ S 4 E 5 W ____

IDENTIFICATION POSTS NOT PLACED

were NONE WERE PLACED

because VERY STEEP, SNOW COVERED TERRAIN.

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post is _____ degrees,

at a distance of _____ metres.

Bearing from identification post to witness post _____ degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
M.R. # 427400 H
ATLIN, B.C.
RECORDING STAMP

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

RECORD OF 4 POST CLAIM – MINERAL TENURE ACT

SECTION 23

MAP NO. M104K/12E RECORD NO. 3510 (12)

MINING RECEIPT NO. 427400H RECORDED AT ATLIN B.C. DATE OF RECORD DEC. 21 19 88

DO NOT WRITE IN THIS SHADED AREA — GOLD COMMISSIONER — MINING DIVISION ATLIN

APPLICATION TO RECORD A 4 POST CLAIM

I, LAURENT BRAULT (NAME OF LOCATOR)
c/o 1647 - 4TH AVE (ADDRESS)
WHITEHORSE, YUKON
(403) 668-6600 (TELEPHONE) Y1A-4K8 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 269604
FMC CODE

AGENT FOR SEAMUS YOUNG (NAME)
1500-409 GRANVILLE ST. (ADDRESS)
VANCOUVER, BC.
(604) 689-0299 (TELEPHONE) V6C-1T2 (POSTAL CODE)
VALID SUBSISTING F.M.C. NO. 264819
FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map No. 104K/12E in the ATLIN Mining Division.

ACCESS

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

FLEW BY HELICOPTER FROM ATLIN. THE LCP. IS 6.2KM AT 237° FROM MOUNT EATON, AND 2.2KM AT 198° FROM THE JUNCTION OF SHAZAH CR. AND THE TULSEQUAH RIVER.

TAG INFORMATION

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post (or witness post*) and impressed this information on the tag:

LEGAL CORNER POST

TAG NO. 119749
CLAIM NAME NICK 9
LOCATOR LAURENT BRAULT
FMC NO. 269604
AGENT FOR SEAMUS YOUNG
FMC NO. 264819
DATE COMMENCED DEC. 21, 1988
TIME 12:25 PM.
DATE COMPLETED DEC. 21, 1988
TIME 12:30 PM.

NUMBER OF CLAIM UNITS

N ____ S 3 E ____ W 5

IDENTIFICATION POSTS NOT PLACED

were NONE WERE PLACED,
because VERY STEEP, SNOW COVERED TERRAIN.

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post is _____ degrees,

at a distance of _____ metres.

Bearing from identification post to witness post _____ degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place **any** posts.

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Laurent Brault
Signature of Locator

GOLD COMMISSIONER
RECEIVED and RECORDED
JAN 3 1989
427400H
M.R. # 815.
ATLIN, B.C.
RECORDING STAMP

MTL 103 Rev. 88/06

COPY 1 - VANCOUVER OFFICE

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

DOCUMENT No. _____
OFFICE USE ONLY

RECORDING STAMP

Mineral Tenure Act
SECTION 28

NOTICE TO GROUP

INDICATE TYPE OF TITLE MINERAL
(Mineral or Placer)*

I, GEORGE E NICHOLSON (Name)
606-675 W HASTINGS ST (Address)
VANCOUVER, BC
(604) 682-1845 (Telephone) V6B 1N2 (Postal Code)
Valid subsisting FMC No. 283840
FMC Code NICHGE

[1]Agent for ECSTALL MINING CORP (Name)
307-475 HOWE ST (Address)
VANCOUVER, BC
(604) 681-4402 (Telephone) V6C 2B3 (Postal Code)
Valid subsisting FMC No. 278295
FMC Code ECSMIC

request that the following mineral titles be grouped under group name NICK

Mining Division ATLIN
Map No. 104K/12E, 104K/13E

Name of Claim	No. of Units	Title Number
NICK 1	18	3502
NICK 2	18	3503
NICK 3	18	3504
NICK 4	18	3505
NICK 7	20	3508
NICK 8	20	3509
NICK 9	15	3510

Name of Claim	No. of Units	Title Number

George E Nicholson
(Signature of Applicant)

*NOTE: Mineral claim(s) and lease(s) cannot be grouped with placer claims and leases

[1]NOTE: Agent must be authorized in writing

MTL 114 REV. 88/07
M28-2146

10

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

DOCUMENT No. _____
OFFICE USE ONLY

RECORDING STAMP

Mineral Tenure Act
SECTION 28

NOTICE TO GROUP

INDICATE TYPE OF TITLE MINERAL
(Mineral or Placer)*

I, GEORGE E. NICHOLSON (Name)
606 - 675 W. HASTINGS ST. (Address)
VANCOUVER, BC
(604) 682-1845 (Telephone) V6B1N2 (Postal Code)
Valid subsisting FMC No. 283840
FMC Code NICHGE

[1]Agent for ECSTALL MINING CORP (Name)
307 - 475 HOWE ST. (Address)
VANCOUVER, BC.
(604) 681-4402 (Telephone) V6C2B3 (Postal Code)
Valid subsisting FMC No. 278295
FMC Code ECSMIC

request that the following mineral titles be grouped under group name NACK

Mining Division ATLIN
Map No. 104 K/13E

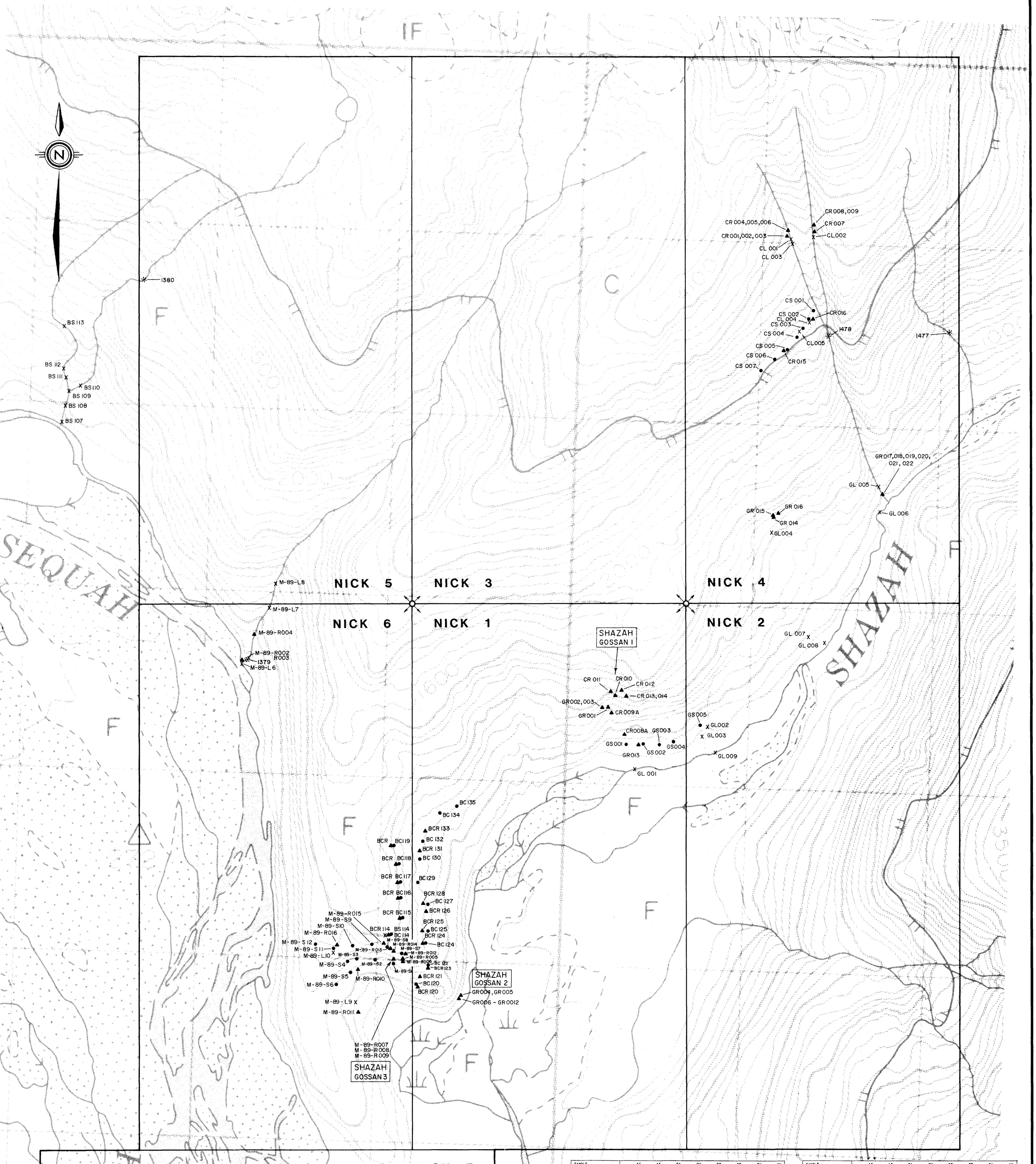
Name of Claim	No. of Units	Title Number
NICK 5	18	3506
NICK 6	18	3507

Name of Claim	No. of Units	Title Number

George E. Nicholson
(Signature of Applicant)

*NOTE: Mineral claim(s) and lease(s) cannot be grouped with placer claims and leases
[1]NOTE: Agent must be authorized in writing

MTL 114 REV. 88/07
M28-2146



METRES
0 100 200 300 400 500

ASSAY RESULTS

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
89 CR 001	.1	29	59	11	9	1	225	20
89 CR 002	1.8	1	13	4	80	15	143	10
89 CR 003	5.6	1	16	71	574	37	674	305
89 CR 004	.3	33	75	13	28	1	79	55
89 CR 005	.7	1	63	267	34	7	138	15
89 CR 006	.9	1	34	94	68	7	127	40
89 CR 007	.1	1	88	23	19	1	54	15
89 CR 008 A	1.0	1	73	56	20	5	71	10
89 CR 008	1.8	18	15	43	28	1	50	5
89 CR 009	.9	35	616	54	69	9	80	5
89 CR 009 A	2.4	1	44	254	19	1	63	90
89 CR 010	2.4	1	23	221	48	7	73	10
89 CR 011	.8	1	33	39	13	1	32	10
89 CR 012	2.2	36	15	86	19	1	48	25
89 CR 013	10.4	14	7	798	17	1	54	15
89 CR 014	10.6	7	6	1131	18	1	87	20
89 CR 015	1.7	63	16	50	68	12	32	5
89 CR 016	.4	1	258	24	2	1	51	30
89 GR 001	2.8	1	12	443	2	1	30	5
89 GR 002	3.4	1	81	532	31	3	49	15
89 GR 003	1.1	14	24	75	17	1	32	30
89 GR 004	1.5	1	11	75	12	2	27	10
89 GR 005	4.2	1	208	455	45	4	72	15
89 GR 006	1.0	1	275	74	24	1	48	5
89 GR 007	1.0	3	56	96	21	1	53	25
89 GR 008	1.6	15	61	59	21	1	45	20
89GR 009	2.8	10	113	369	35	1	53	5
89GR 010	2.9	1	46	119	24	1	44	5
89GR 011	3.0	5	76	149	29	1	41	10
89GR 012	.3	5	163	99	17	1	26	5
89GR 013	4.2	45	12	1587	16	2	73	5
89GR 014	.7	17	555	47	20	1	62	60
89GR 015	2.0	1	41	37	101	24	36	5
89GR 016	.5	1	119	42	55	1	94	5
89GR 017	.3	1	554	8	63	1	86	10
89GR 018	.9	1	21	18	354	3	207	15
89GR 019	1.2	1	45	41	38	1	68	5
89GR 020	1.8	1	68	42	33	1	76	5
89GR 021	1.6	1	66	38	31	1	70	5
89GR 022	1.6	19	26	14	91	26	73	5

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
89 GL 001	.4	52	95	25	23	2022	74	5
89 GL 002	.9	108	169	259	43	15	577	5
89 GL 003	.7	88	105	100	30	3	111	5
89 GL 004	1.0	1	138	70	83	8	143	20
89 GL 004 DUP.	1.1	224	297	179	59	9	715	30
89 GL 005	1.3	30	181	95	166	9	197	5
89 GL 006	1.0	24	133	47	48	4	123	5
89 GL 007	1.0	72	115	80	85	7	292	25
89 GL 008	1.6	72	143	71	84	3	139	10
89 GL 009	.8	13	140	40	35	1	94	10
89 CS 001	.4	1	40	39	24	1	47	5
89 CS 002	.3	1	89	15	19	1	49	10
89 CS 003	.6	15	65	45	77	1	156	5
89 CS 004	.8	18	115	33	277	2	167	25
89 CS 005	.1	12	125	26	31	1	60	5
89 CS 006	.2	1	150	17	46	5	85	5
89 CS 007	1.8	75	143	30	11	1	58	35
89 CL 001	.6	30	80	57	67	4	132	20
89 CL 002	.4	61	234	100	100	12	160	15
89 CL 003	1.4	1	82	104	80	9	81	15
89 CL 004	.2	50	125	38	38	1	122	5
89 CL 005	.2	186	124	40	47	2	146	5
89 BC 114	1.1	1	59	141	1	1	104	10
89 BC 115	.7	1	192	121	17	1	42	5
89 BC 116	2.2	1	75	51	23	1	88	5
89 BC 117	1.5	52	52	86	17	1	68	5
89 BC 118	1.9	1	55	64	17	1	52	15
89 BC 119	2.2	33	87	41	28	1	63	5
89 BC 120	4.3	1	85	316	20	1	98	5
89 BC 122	2.4	1	55	211	28	1	73	5
89 BC 124	1.5	1	196	111	22	1	67	5
89 BC 125	2.5	1	51	187	15	1	53	5
89 BC 127	2.4	17	90	83	14	1	54	5
89 BC 129	2.3	1	76	52	55	1	152	5
89 BC 130	.7	237	134	18	9	1	97	300
89 BC 132	1.3	344	94	37	41	3	113	40
89 BC 134	.7	23	56	34	26	1	78	5
89 BC 135	.7	6	58	36	31	1	82	5
BCR 114	.6	4	135	9	22	1	40	25
BCR 115	.6	2	2284	34	29	1	41	15
BCR 116	3.1	1	167	332	60	6	182	10
BCR 117	.5	7	1017	30	34	2	59	5
BCR 118	1.4	86	97	92	35	1	46	30
BCR 119	.6	21	152	19	39	3	47	220
BCR 120	2.8	1	80	193	39	3	57	5
BCR 121	1.6	1	285	247	45	3	75	15
BCR 123	.9	8	79	60	25	1	40	5
BCR 124	1.4	6	681	74	25	1	40	10
BCR 125	2.0	1	112	79	17	1	31	5
BCR 126	.9	18	529	19	25	1	39	5
BCR 128	.6	1	69	22	8	1	38	20
BCR 131	.6	1	84	24	14	1	27	15
BCR 133	.5	1	148	18	22	3	74	10

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
BS 107	.6	2	90	52	28	1	65	5
BS 108	.2	1	78	27	25	1	108	5
BS 109	.4	1	121	37	40	1	125	5
BS 110	.5	1	136	47	36	1	159	95
BS 111	.4	1	101	31	30	1	134	5
BS 112	.3	1	115	40	30	1	132	5
BS 113	.1	1	116	47	34	1	135	5
BS 114	.1	1	120	34	22	1	131	5
89 GS 001	2.8	10	26	74	11	1	48	5
89 GS 002	3.1	353	100	486	277	7	165	15
89 GS 003	2.2	116	147	454	206	1	158	10
89 GS 004	.9	1	16	14	6	1	19	5
89 GS 005	.8	36	16	61	5	1	33	5
M 89 L06	.3	40	128	41	66	1	82	160
M 89 L07	.3	35	177	40	57	1	99	140
M 89 L08	.1	11	164	38	39	1	103	5
M 89 L09	.7	99	217	88	55	1	507	15
M 89 L10	.7	44	232	69	35	1	725	5
M 89 S01	2.9	269	47	428	42	9	99	45
M 89 S02	1.4	1	37	148	21	1	41	10
M 89 S03	.7	1	42	56	4	1	28	5
M 89 S04	4.7	64	169	606	61	1	160	100
M 89 S05	4.5	247	47	491	55	1	252	380
M 89 S06	.3	1	86	55	21	1	113	5
M 89 S07	2.7	1	62	241	29	1	87	5
M 89 S08	1.7	111	91	188	72	1	105	5
M 89 S09	2.7	1	124	41	25	1	67	5
M 89 S10	1.0	175	159	58	33	6	94	5
M 89 S11	2.1	115	217	115	118	1	317	550
M 89 S12	1.6	128	170	67	60	3	100	25
M 89 002 (R)	.1	9	19	3	3	1	15	5
M 89 003 (R)	.8	27	131	53	33	4	57	15
M 89 004 (R)	.7	72	102	6	18	1	26	60
M 89 005 (R)	1.5	1	214	255	37	22	59	10
M 89 006 (R)	.7	1	106	122	21	1	30	5
M 89 007 (R)	2.2	1	32	393	18	1	53	5
M 89 008 (R)	2.4	1	20	657	25	1	63	10
M 89 009 (R)	2.1	5	105	438	31	1	53	10
M 89 010 (R)	.1	34	94	25	10	1	24	5
M 89 011 (R)	.6	259	219	25	40	4	36	30
M 89 012 (R)	.4	1	197	75	12	1	29	10
M 89 013 (R)	.6	1	177	58	27	1	47	5
M 89 014 (R)	.8	1	215	135	38	1	60	10
M 89 015 (R)	.5	28	104	62	20	1	41	5
M 89 016 (R)	.1	13	14	15	7	1	17	20
871379	.3	58	1000	45	15	3.2	83	10
871380	.4	36	1300	41	11	1.4	119	12
871477	.4	55	800	29	59	2.6	190	8
871478	2.3	170	710	139	143	7.8	225	24

LEGEND

▲ Rocks

o Soils

x Silts

* B.C.D.M. Silt Sample

ECSTALL MINING CORPORATION

TULSEQUAH PROJECT

ATLIN MINING DIVISION, B. C.

NORTH SHEET

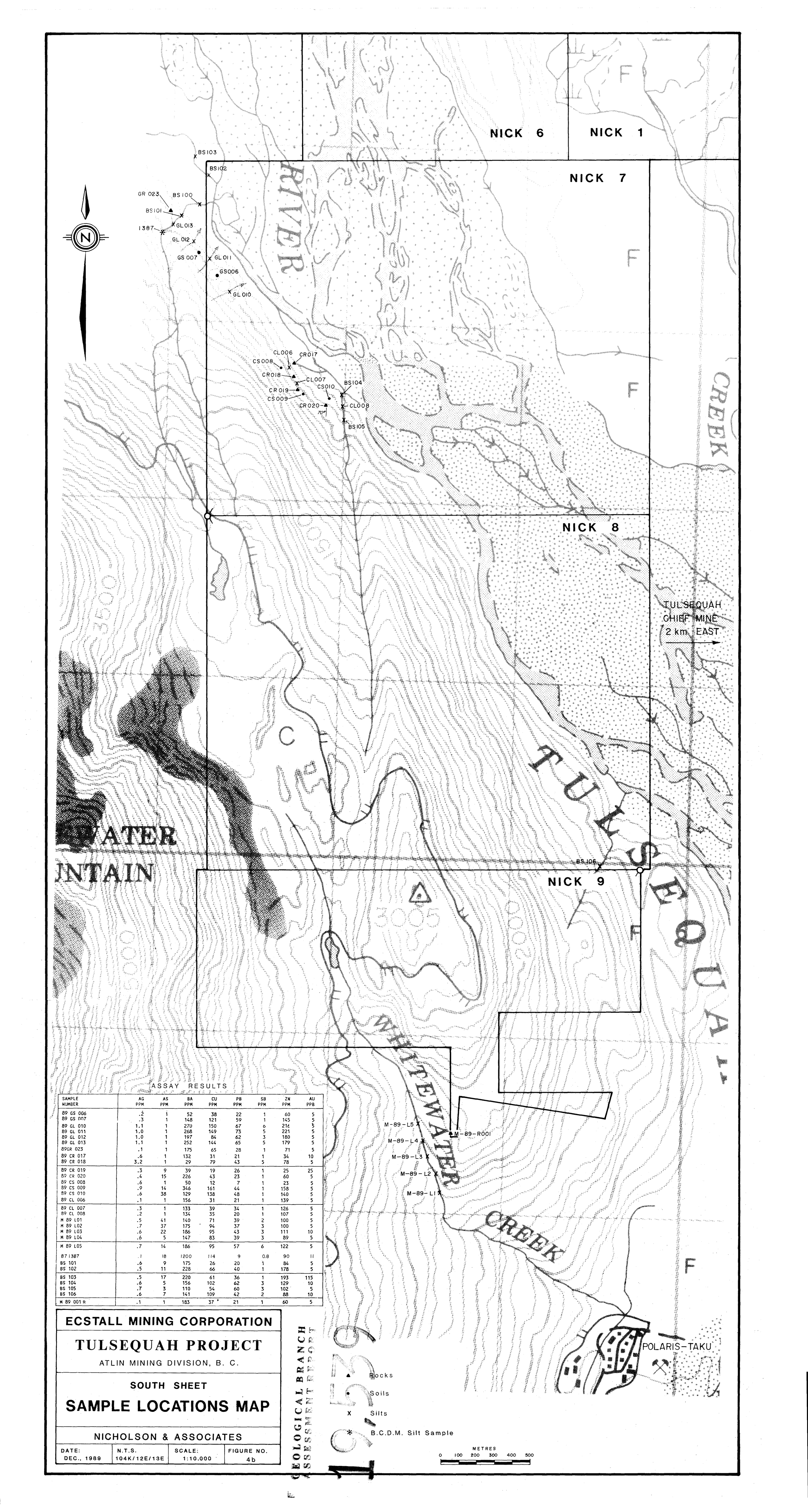
SAMPLE LOCATIONS MAP

NICHOLSON & ASSOCIATES

DATE:	N.T.S.	SCALE:	FIGURE NO.
DEC., 1989	104K/12E/13E	1:10,000	4a

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,539



ASSAY RESULTS

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
89 GS 006	.2	1	52	38	22	1	60	5
89 GS 007	.3	1	148	121	59	1	145	5
89 GL 010	1.1	1	270	150	67	6	214	5
89 GL 011	1.0	1	268	149	73	5	221	5
89 GL 012	1.0	1	197	84	62	3	180	5
89 GL 013	1.1	1	252	144	65	5	179	5
89GR 023	.1	1	175	65	28	1	71	5
89 CR 017	.6	1	132	31	21	1	34	10
89 CR 018	3.2	1	29	79	43	5	78	5
89 CR 019	.3	9	39	19	26	1	25	25
89 CR 020	.4	15	226	43	23	1	60	5
89 CS 008	.6	1	50	12	7	1	23	5
89 CS 009	.9	14	346	161	44	1	158	5
89 CS 010	.6	38	129	138	48	1	140	5
89 CL 006	.1	1	156	31	21	1	139	5
89 CL 007	.3	1	133	39	34	1	126	5
89 CL 008	.2	1	134	35	20	1	107	5
M 89 L01	.5	41	140	71	39	2	100	5
M 89 L02	.7	37	175	96	37	3	100	5
M 89 L03	.6	22	186	95	43	3	111	10
M 89 L04	.6	5	147	83	39	3	89	5
M 89 L05	.7	14	186	95	57	6	122	5
87 1387	.1	18	1200	114	9	0.8	90	11
BS 101	.6	9	175	26	20	1	84	5
BS 102	.5	11	228	66	40	1	178	5
BS 103	.5	17	220	61	36	1	193	115
BS 104	.6	5	156	102	62	3	129	10
BS 105	.7	3	110	54	60	3	102	5
BS 106	.6	7	141	109	42	2	88	10
M 89 001 R	.1	1	183	37	21	1	60	5

ECSTALL MINING CORPORATION

TULSEQUAH PROJECT

ATLIN MINING DIVISION, B. C.

SOUTH SHEET

SAMPLE LOCATIONS MAP

NICHOLSON & ASSOCIATES

DATE:	N.T.S.	SCALE:	FIGURE NO.
DEC., 1989	104K/12E/13E	1:10,000	4b

GEOLOGICAL BRANCH ASSESSMENT REPORT