LOG NO: OGOS RD.

ACTION:

PROSPECTING AND GEOCHEMICA ASSESSMENT REPORT
FILE NO:

ON THE

BUNT GROUP

LOCATED

16 KM NORTH OF STEWART, BRITISH COLUMBIA SKEENA MINING DIVISION

56 DEGREES O5 MINUTES W LATITUDE 129 DEGREES 51 MINUTES N LONGITUDE

N.T.S. 104A/4W

ON BEHALF OF WOTAN RESOURCES CORP. 602-675 W. Hastings St. VANCOUVER, B.C., V6B 1N2

BY

RECEIVED
MAY 2 9 1991
Gold Commissioner's Office
VANCOUVER, B.C.

G.WILSON, P. GEOL.
NICHOLSON AND ASSOCIATES
NATURAL RESOURCE DEVELOPMENT INC.
606-675 W. Hastings St.
Vancouver, B.C. V6B 1N2

APRIL 18, 1991

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,382

SUMMARY

The Bunt group is located sixteen kilometres north of Stewart B.C. The property is situated east of Long Lake and 700 meters north of Mt. Bunting. The claim group is presently accessed by helicopter from Stewart.

The Bunt group consists of 42 contiguous units in four claims owned by Wotan Resources Inc. The property was staked in 1989 to cover favourable Mesozoic volcanic and plutonic lithologies mapped by government and industry.

A brief follow-up program of prospecting and rock geochemical sampling was carried out in 1991 by a crew employed by Nicholson and Associates to further evaluate the economic potential of the property. A total of 10 rock samples were collected for geochemical analysis, and 1.5 square kilometres prospected. A total of \$3,618.63 was expended during the program.

Heavy snow cover substantially hampered the program resulting in only a limited number of outcrops being located. These were examined and sampled accordingly but returned low values in all key elements. An expanded program of prospecting, geological mapping and rock geochemical sampling is recommended during the summer season to fully evaluate the potential of the property.

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INTRODUCTION

During late January and early February 1991 a preliminary exploration program was undertaken by a crew from Nicholson and Associates, under contract from Wotan Resources Corp. A total of 10 rock samples were taken for geochemical analysis and the available outcrop area was examined. Due to the heavy snow-cover, the majority of the property was unavailable for inspection. Approximately 2.25 kilometres square were traversed and prospected.

LOCATION AND ACCESS

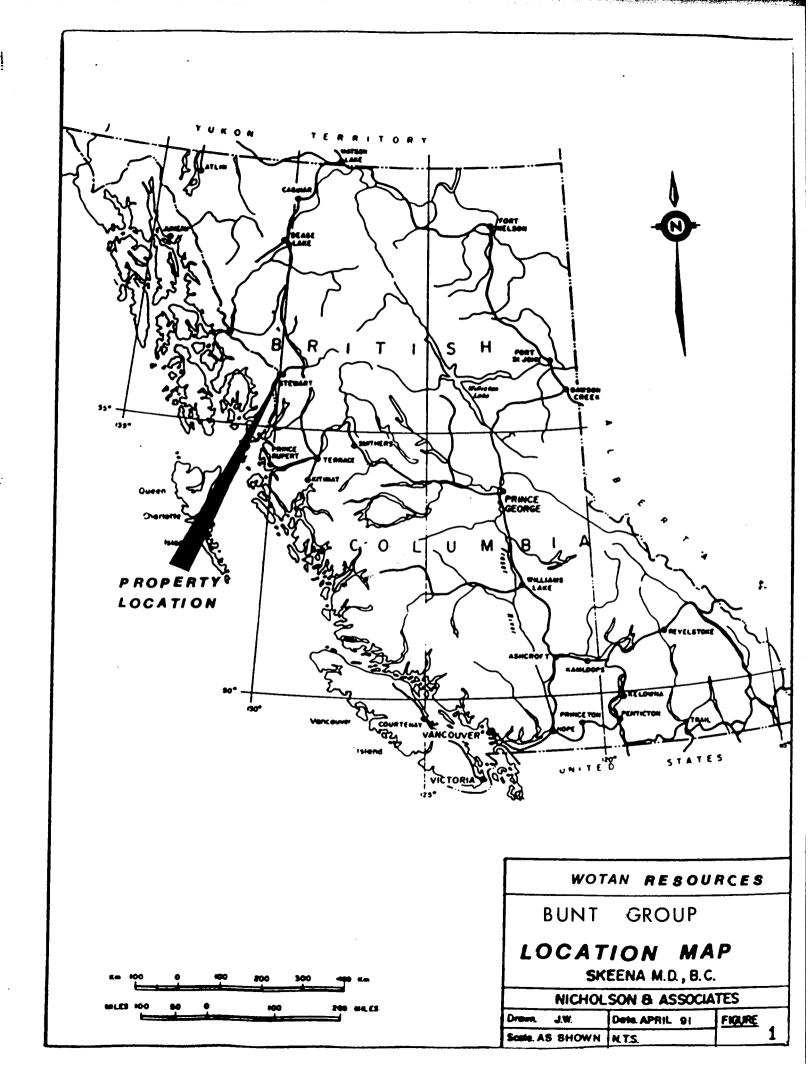
The Bunt property is located 16 kilometres north of the town of Stewart, B.C. and east of Long Lake, at longitude 129 degrees 51' north and latitude 56 degrees 05' west (Figure 1). There is year-round access to Stewart via highway 16. Access to the property is then a 15 minute helicopter flight from the Vancouver Island Helicopter base at the Stewart airstrip.

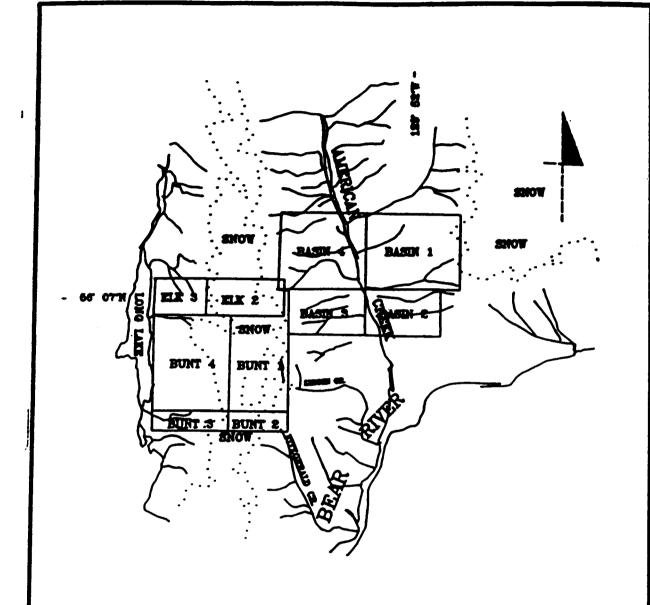
CLAIM STATUS

The Bunt claims consist of 42 units located in the Skeena Mining Division, NTS 104A/4W (Figure 2). The claim is 100% owned by Wotan Resources Corporation. Details are summarized below:

Claim Name	Record Number	# of Units	Expiry Date*
Bunt 1	7615	15	May 5, 1992
Bunt 2	7616	3	н
Bunt 3	7617	4	H
Bunt 4	7618	20	н

^{*} After filing the 1991 Assessment expenditures.





BUNT 1-4 AND ELK 2 & 3 CLAIMS

CLAIMS MAP

NTS: 104A/4W, SKEENA M.D.

SCALE 1:100,000

FIG. 2

PHYSIOGRAPHY AND CLIMATE

The topography on the Sky property is dominantly sub-alpine that has undergone glaciation. Elevations vary from approximately 155m in the lower valley to 1550m on the ridges. Vegetation ranges from alpine grasses and moss to balsam and spruce trees covering the lower sections. The climate on the property is coastal, having relatively short summers and abundant snowfall in the winters with temperatures ranging plus 20 to minus 30 degrees celsius.

HISTORY

The Stewart area has been mined actively since just after the turn of the century, and has been one of the most prolific mining districts in British Columbia. Early discoveries were made along the iskut and Unuk Rivers and in close proximity to the town of Stewart when precious metal deposits were sought. Two of the more important deposits of this period were the Silbak-Premier and Big Missouri mines, both of which were gold-silver vein deposits. The Silbak-Premier mine has had a long history of production from 1916 to 1981, and is presently being mined by Westmin, as is the nearby Big Missouri property. In the Kitsault - Anyox area, massive suiphide mineralization occurs in two important deposits. The Dolly Varden Ag-Pb deposit on the Kitsault River is a stratiform massive sulphide body that has been folded and perhaps remobilized (Devlin, 1987). The Anyox deposit at the head of Observatory Inlet is a stratiform massive sulphide Cu-Ag-Au deposit. Table 1 summarizes deposits, prospects, grades and tonnages and production from various deposits in the region.

After World War ii. the focus of exploration shifted to large tonnage base metal deposits. Although several deposits were defined, only the Granduc Mine attained commercial production.

Expioration in the 1970's again shifted toward precious metals, and in recent years the lskut - Unuk River area has become the focal point for gold expioration, thanks to the discovery of several new deposits, among them the Snip (Cominco), Johnny Mountain (Skyline), and Eskay Creek deposit (Calpine/Stikine). These and other deposits are hosted in Triassic and Jurassic volcanic rocks (Stuhini Group and Hazelton Group).

The Bunt claims have seen little exploration to date. The first major effort was an airborne mag/EM survey conducted in 1990.

TABLE 1- MINES AND MAJOR PROSPECTS OF THE STEWART -ISKUT - UNUK REGION

Property	Commodity	<u>Grade</u>	Tonnage and Production
Stewart area			
Silbak/Premier	Au/Ag		Mt ore, 1.8 Moz Au and 41 produced from 1919-1968
Big Missouri	Au/Ag	•	315t ore, 58,384 oz Au and 77 oz Ag produced from
Granduc	Cu		Mt of 1.3% Cu mined from 1971-1982
SB (Tenajon)	Au	308,000 t r	eserves of Ø.51 oz/ton Au
Scottle	Au	186,68Ø t r	eserves of Ø.76 oz/ton Au
Red Mountain		assaying loughby zor	c zone: 66m of drill core; 9.88 g/t Au 42.29 g/t Ag ne: 20.5 m of drill core g/t Au and 184.21 g/t Ag

Anyox - Kitsault area

Dolly Varden, Star and Torbit	Ag/Pb	19.9 Moz Ag and 5500 t Pb North produced from 1919-1959
Anyox	Cu/Au/Ag	24.7 Mt of ore grading 1.5% Cu, Ø.27 oz/t Ag and Ø.Ø5 oz/t Au
		mined from 1914-1935

<u> Iskut - Unuk area</u>

Johnny Mtn.	Au/Ag	740,000t reserves grading 0.52 oz/ton Au and 0.67 oz/t Ag
Snip	Au	1 Mt+ reserves grading 0.875 oz/ton Au
Eskay Creek	Au/Ag	4.36 Mt reserves grading Ø.77 oz/t Au and 29.12 oz/t Ag
Sulphurets	Au/Ag	715,000t reserves grading 0.43 oz/t Au and 19.7 oz/t Ag

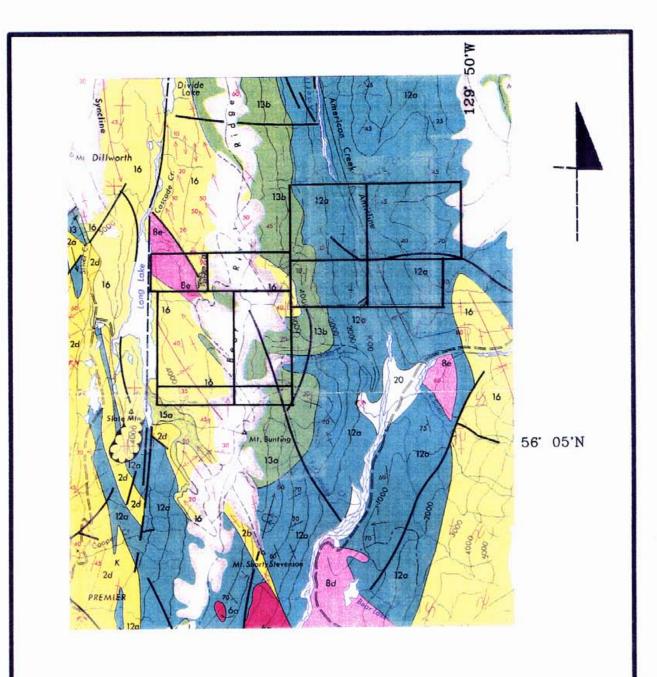
REGIONAL GEOLOGY

The property lies close to the boundary between the Intermontane Belt and the Coast Plutonic Complex of the Canadian Cordillera (Figure 3). The property lies in the southern part of the Stikine Arch, a late Paleozoic to Mesozoic assemblage of volcanic and sedimentary rocks. The Stikine Arch stretches from Anyox to Atlin, and east of Telegraph Creek around the northern edge of the Bowser Basin.

Within the Stikine Arch, Triassic rocks are found only in the Iskut / Unuk River area. Named the Stuhini Group (the Takla Group of Grove, 1986) these rocks are dominantly intermediate volcanics and sediments and host several deposits in the area, such as the Snip, Stonehouse, and Inel.

Triassic rocks are unconformably to gradationally overlain Jurassic Hazelton Group. Grove by the Lower to Middle the Jurassic Hazelton Group into four lithostratigraphic divisions: the Unuk River Formation the Betty Creek and the Salmon River Formations Jurassic), Jurassic), and the Nass Formation (Late Jurassic). Anderson and Thorkelson (1990) do not include the Nass Formation, which includes Bowser Basin sediments. The Hazelton Group is dominated by island arc volcanics which are the source rocks for of the Bowser Basin sediments. Anderson and Thorkelson (1990) do recognize a regionally mappable unit (the Mt. Dilworth formation) between the Betty Creek Formation and the Salmon river Formation. The Unuk River Formation is characterized by basal that are progressively pyroclastic flows overlain by tuffs, local andesitic breccia and finally congiomerates argillites, with interbedded tuffs, wackes, siltstones and minor carbonate lenses. The Betty Creek Formation unconformably overlies the Unuk River Formation and is comprised of maroon to green volcanic greywacke, conglomerate, breccia, basaltic pillow siltstone, andesitic flows, and some carbonate lenses. The Mt. Dilworth Formation, recognized in the Iskut - Unuk River region, consists of tuff breccia, felsic tuff, ash tuff, and argillaceous Formation conformably The Salmon River Creek Formation and the Mt. overlies the Betty unconformably Dilworth Formation. It consists of intensely folded, banded siltstones and lithic wackes with locally occurring calcarenite and volcanic components.

At the end of the Middle Jurassic the volcanic complex was uplifted and detritus shed from the Stikine Arch into the adjacent Bowser Basin. The Nass Formation outcrops mainly along the western part of this basin and represents primarily deltaic accumulation of material consisting of conglomerate, and calcareous siltstones.



WOTAN RESOURCES INC.

BASIN 1-4, BUNT 1-4 AND ELK 2 & 3 CLAIMS
PROPERTY GEOLOGY

NTS: 104A/4W

JURASSIC HAZELTON GROUP UPPER JURASSIC NASS FORMATION

17 SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, ARGIL-LITE, CONGLOMERATE, MINOR LIMESTONE, MINOR COAL (INCLU-DING EQUIVALENT SHALE, PHYLLITE, AND SCHIST)

MIDDLE JURASSIC SALMON RIVER FORMATION

- 16 SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, MINOR LIMESTONE, ARGILLITE, CONLOMERATE, LITTORAL DEPOSITS
- 15 RHYOLITE, RHYOLITE BRECCIA; CRYSTAL AND LITHIC TUFF

BETTY CREEK FORMATION

- PILLOW LAVA, BROKEN PILLOW BRECCIA (a); ANDESITIC AND BAS-ALTIC FLOWS (b)
 - GREEN, RED. PURPLE, AND BLACK VOLCANIC BRECCIA, CONLOM-GERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SILTSTONE (c); MINOR CHERT AND LIMESTONE [IN-CLUDES SOME LAVA (+14)] (d)

LOWER JURASSIC UNUK RIVER FORMATION

- GREEN, RED. AND PURPLE VOLCANIC BRECCIA, CONGLOMERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SANDSTONE (c); CONGLOMERATE (d); LIMESTONE (e); CHERT (f); MINOR COAL (g)
- PILLOW LAVA (a); VOLCANIC FLOWS (b)

TRIASSIC

UPPER TRIASSIC

TAKLA GROUP (?)

SILTSTONE, SANDSTONE, CONGLOMERATE (a); VOLCANIC SILT-STONE, SANDSTONE, CONLOMGERATE (b); AND SOME BRECCIA (c); CRYSTAL AND LITHIC TUFF (d); LIMESTONE (e)

PLUTONIC ROCKS

OLIGOCENE AND YOUNGER

DYKES AND SILLS (SWARMS), DIORITE (a); QUARTZ DIORITE (b); GRANODIORITE (c); BASALT (d)

EOCENE (STOCKS, ETC.) AND OLDER

- 8 QUARTZ DIORITE (a); GRANODIORITE (b); MONZONITE (c); QUARTZ MONZONITE (d); AUGITE DIORITE (a); FELDSPAR PORPHYRY (f)
- 7 COAST PLUTONIC COMPLEX: GRANODIORITE (a); QUARTZ DIORITE (b); QUARTZ MONZONITE, SOME GRANITE (c); MIGMATITE AGMATITE (d)

JURASSIC

CENOZOIC

MIDDLE JURASSIC AND YOUNGER ?

GRANODIORITE (a): DIORITE (b): SYENODIORITE (c): MONZONITE (d): ALASKITE (e)

LOWER JURASSIC AND YOUNGER ?

DIORITE (a); SYENOGABBRO (b); SYENITE (c)

TRIASSIC

UPPER TRIASSIC AND YOUNGER ?

DIORITE (a); QUARTZ DIORITE (b); GRANODIORITE (c)

METAMORPHIC ROCKS

HORNFELS (a); PHYLLITE, SCHIST (b); SOME GNEISS (c)

TERTIARY

- JURASSIC

 HORNFELS (a); PHYLLITE, SEMI-SCHIST, SCHIST (b); GNEISS (c);
 CATACLASITE, MYLONITE (d); TACTITE (e)
 - TRIASSIC
- - AREA UNMAPPED

SYMBOLS

ADIT
ANTICLINE (NORMAL, OVERTURNED)
BEDDING (HORIZONTAL, INCLINED, VERTICAL, CONTORTED)
BOUNDARY MONUMENT
CONTOURS (INTERVAL 1,000 FEET) 5000 -
FAULT (DEFINED, APPROXIMATE)
FAULT (THRUST)
FAULT MOVEMENT (APPARENT)
FOLD AXES, MINERAL LINEATION (HORIZONTAL, INCLINED)
FOSSIL LOCALITY ®
GEOLOGICAL CONTACT (DEFINED, APPROXIMATE)
GLACIAL STRIAE
GRAVEL, SAND, OR MUD
HEIGHT IN FEET ABOVE MEAN SEA LEVEL 6234'
INTERNATIONAL BOUNDARY
JOINT SYSTEM (INCLINED, VERTICAL)
MARSH
MINING PROPERTY 59
RIDGE TOP
SCHISTOSITY (INCLINED, VERTICAL)
SYNCLINE (NORMAL, OVERTURNED)
TUNNEL >===
VOLCANIC CONE

Compilation and geology by E. W. Grove, 1964 to 1970, with assistance by N. H. Haimila and R. V. Kirkam, 1965 and James T. Fyles, 1967. Geology of the Alice Arm area by N. C. Carter, 1964 to 1968.

These volcanic and sedimentary sequences were subsequently intruded by Middle Jurassic to Early Tertiary granitoid intrusions associated with the Coast Plutonic Complex. Late stage (Quaternary) basaltic volcanism resulted in deposits of columnar basalt flows, ash and tephra layers, and cinder cones, that are relatively rare in the southern part of the Stikine Arch. Pleistocene and Recent glaciation has eroded and / or covered much of this volcanism.

PROSPECTING RESULTS

An area of 1.5 km x 1.5 km was prospected (Figure 4). Out crops above the snow cover were examined by two geologists. On the Bunt 3 ciaim, the predominant rock type encountered during prospecting were the purple volcanic siltstone and sandstone units of the Middle Jurassic Salmon River Formation which extends north and south, the full length of the property. Outcrop size ranged from 2 meters square to 4 meters x 2 meters. Most dispalyed weak silicification and hematization. Finely dissemination pyrite was the only sulphide encountered.

ROCK GEOCHEMICAL PROGRAM

A total of ten rock samples were collected from the Bunt claim for geochemical analysis. All samples were coded using a four part alphanumeric system. The first letter designates the property (B-Bunt), the second and third letter consists of the collector's initials and the fourth the type of sample (R-rock) followed by the sample number.

Rock samples were taken from mineralogically promising outcrops. At least one sample was taken from any gossans encountered. Additional samples were collected from structural breaks ie. faults, unconformities and fractures. All sample locations were marked with flagging fixed on the outcrop.

Samples taken were submitted to Eco-Tech Labs in Kamloops, B.C. All samples were analyzed for 30 elements by Inductively Coupled Plasma (I.C.P.) analysis with an Atomic Absorption (A.A.) finish for gold (Appendix 111)

The sample set is considered too small to apply any standard statistical treatment for determining threshold or anomalous levels. However, in examining the results from previous rock sampling programs in the immediate area, values in excess of 50ppb gold, 1.5ppm silver, 100ppm copper, 80ppm lead and 200ppm zinc would be considered anomalous. Generally, the 1991 sample set indicates a relatively flat, uninteresting distribution of low values in the above key elements.

Conclusions and Recommendations

This initial phase of sampling failed to return encouraging values in the key elements. However, due to the restricted nature of the program, these results are not considered wholly representative of the potential economic geology of the property. It is recommended that detailed geological mapping, prospecting and further rock sampling be completed during the summer season when the snow has gone in order to assemble a clear geological picture.

References

- Bishop, C., and Gal, Len, Summary Report on 1990 Geological, Geochemical, and Geophysical Surveys, Trenching and Diamond Drilling Results on the Del Norte Property, Skeena Mining Division, February 1991.
- Murton, J.C., Geophysical Report on an Airborne Magnetic and Vlf-Em Surveys Bunt 1 - 4 Claims, Skeena Mining Division, May 10,1990.

Statement of Qualifications

- 1, Gordon L. Wilson, do hereby certify that:
- $1/\ I$ am a contract geologist in the employ of Nicholson and Associates, Inc., with offices at 606-675 West Hastings Street, Vancouver, B.C.
- 2/ 1 have a Bachelor of Science degree from the University of Calgary and have worked in British Columbia, the Yukon, Saskatchewan, Ontario and Manitoba since 1973,
- 3/ I am a member in good standing with the Association of Professional Engineers, Geologists and Geophysists of Alberta.
- 4/ 1 am the author of this report and my findings are based on work undertaken on the property between January 20 and February 5, 1991
- 5/ I have no interest, direct or indirect, in Wotan Resources Corp., nor in any of their properties, nor do I expect to receive any such interest.
- 6/ This report may be used by Wotan Resources Inc. in whole or in part, as they so require.

Dated at Vancouver, British Columbia this 18th day of April, 1991.

Gordon L. Wilson P.Geol.

Ah. Wille

APPENDIX I STATEMENT OF COSTS

Statement of Costs

Project: Bunt 1-4 Client: Wotan Resources Corp. Area: Stewart, B.C.		
Personnel 1.5 man days (G.Wilson) \$\forall 8240/day 1.5 man days (T.Roberts) \$\forall 8225/day 1.5 man days (K.May) \$\forall 8200/day		\$360.00 \$337.50 \$300.00
Helicoter		
0.75 hours @693.5/hr		\$520.13
Room and Board		
4.5 man days & \$50/day		225.00
Vehicle		
Truck 1.5 days & 50.00/day Snowmobiles and guide		75.00 300.00
Field Supplies		
4.5 man days @ \$20/day		90.00
Miscellaneous (gas, phone)		25.00
Analysis		
10 rock & \$30.00/sample		300.00
Mob/Demob		300.00
Equipment Rental		
Radios 4.5 days @ \$8/radio/day		36.00
Report		750.00
	TOTAL	\$ 3,618.63

APPENDIX II CLAIM RECORDS

MAP NO. 1	04A/4W	RECORD OF 4 POST CLAI SECT	M — MINERAL 1 TION 23		D NO. 7615	
MINING RECE	19T NO 37	RECORDED AT _ Prince Ru	ıpert		May 5	
DO NOT W	• •	GOLD COMMISSIONER	<u> </u>		Skeena	
		South Samuel Control	1		WINDRY DIVISION	·
	Johann V. Foe		AGENT FOR			
LICATION	_	OF LOCATOR			NAME	
RECORD	103-1741_W	ADDRESS			ADDRESS	
A	Vancouver, B.	.C.				
POST	3000:23.2 732-	-0642 V6J 2A5				
	TELEPHONE	POSTAL CODE		TELEPHONE	P	POSTA
ĺ	VALID SUBSISTING F.M.C.	NO. 285078		VALID SUBSISTING F.M.	C. NO	
İ	FMC CODE	FOERJV		FMC CODE		
		f a 4 post claim for the location as ou		* *	es reference map	
ACCESS:		in the Skeena access to the location; include refe		-		
	description of the legal pos	st location.				
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NSPECTOR'S REPORT NO.____

VERIFIED ______AMENDED __

MAP NO. 10		TION 23	7616
			RECORD NO. 7010
MINING RECE	EIPT NO. 37 RECORDED AT Prince	upert B.C. DATE O	OF RECORD Hay 5
DO NOT W			Skeena
	GOLD COMMISSIONER	W	MINING DIVISION
	Toham V Prometor		
	Johann V. Foerster NAME OF LOCATOR	AGENT FOR	NAME
LICATION	103-1741 W. 10th Ave.		
RECORD	Vancouver, B.C.		ADORESS
A	validater, b.c.		
POST CLAIM	732-0642 V6J 2A		
JLAIM	TELEPHONE POSTAL COO	TELEPHONE	POST/
	VALID SUBSISTING F.M.C. NO. 285078	VALID SUR	SISTING F.M.C. NO
	FORRIV		
	FMC CODE	FMC CODE	
	hereby apply for a record of a 4 post claim for the location as		f mineral titles reference map
:	Noin theSkeen:	Minin	g Division.
ACCESS:		erences to roads, trails, topog	graphic features, permanent landmarks, and
	description of the legal post location.		,
	Access was by helicopter from Stew	rt; the ICP is sit	mated, according to the
	the held-maken elaboration on the		F 000 5-14 (7:500)
	the helicopter altimeter reading, a	c an elevacion or	3,900 TEEC (T,138 III)
	and sits atop a rock outcrop near t	he edge of the ion	affald wast of Mr. Banting
	and area and a room outdoop near	e age or the ma	THE DURING
l have se	curely fastened the metal identification tag embossed	IDENTIFICATION PO	STS NOT PLACED
"LEGAL CO	ORNER POST" to the legal corner post (or witness post*)	None of	
and impres	ssed this information on the tag:	were Notes par	
	LEGAL CORNER POST		
	CROFF		
	TAG NO. 65955	because of exter	nsive glacial ice and
CLAIM NA	1AG NO	ocodose	nsive glacial ice and
CLAIM NA	Bunt 2	precipi	nsive glacial ice and
LOCATOR	Bunt 2 J. V. Foerster	precipit	psive glacial ice and cons topography. placed for the legal corner post:
LOCATOR	Bunt 2	*If a witness post was Bearing from witne	placed for the legal corner post: ss post to true position of legal corner post
LOCATOR	Bunt 2 J. V. Foerster	precipit	placed for the legal corner post: ss post to true position of legal corner post
FMC NO	Bunt 2 J. V. Foerster 285078	*If a witness post was Bearing from witne	placed for the legal corner post: ss post to true position of legal corner post
FMC NC	### Bunt 2 J. V. Foerster	*If a witness post was Bearing from witne is at a distance of	placed for the legal corner post: ss post to true position of legal corner post degrees,
FMC NC FMC NC DATE COR	Bunt 2 J. V. Foerster 285078 OR MMENCED May 5, 1989	*If a witness post was Bearing from witne is at a distance of Bearing from identi	placed for the legal corner post: ss post to true position of legal corner post degrees, metres.
FMC NC FMC NC DATE CON	Bunt 2 J. V. Foerster 285078 DR MMENCED May 5, 1989 12:45 p.m.	*If a witness post was Bearing from witne is at a distance of Bearing from identicular degrees, at a distance.	placed for the legal corner post: ss post to true position of legal corner post degrees,metres. ification post to witness post meters.
FMC NC FMC NC DATE CON	Bunt 2 J. V. Foerster 285078 OR MMENCED May 5, 1989	*If a witness post was Bearing from witne is at a distance of Bearing from identi degrees, at a dista NOTE: Legal corner p	placed for the legal corner post: ss post to true position of legal corner post degrees, metres.
FMC NC AGENT FC FMC NC DATE CON TIME	Bunt 2 J. V. Foerster 285078 DR DR DR MMENCED May 5, 1989 12:45 p.m. MRY 5, 1989	*If a witness post was Bearing from witne is at a distance of Bearing from identicular degrees, at a distance.	placed for the legal corner post: ss post to true position of legal corner post degrees,metres. ification post to witness post meters.
FMC NC FMC NC DATE CON TIME	Bunt 2 J. V. Foerster 285078 DR MMENCED May 5, 1989 12:45 p.m. MPLETED May 5, 1989 12:55 p.m.	*If a witness post was Bearing from witne is at a distance of Bearing from identi degrees, at a dista NOTE: Legal corner p	placed for the legal corner post: ss post to true position of legal corner post degrees,metres. ification post to witness post meters.
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FMC NC AGENT FC FMC NC DATE CON TIME DATE CON	### Bunt 2 J. V. Foerster 285078 DR MMENCED	*If a witness post was Bearing from witne is at a distance of Bearing from identi degrees, at a dista NOTE: Legal corner p	placed for the legal corner post: ss post to true position of legal corner post degrees, metres. ification post to witness post nce of metres. post can be witnessed only if it was not feas
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FMC NC AGENT FC FMC NC DATE COM TIME DATE COM TIME N I have compertaining which the	D. V. Foerster 285078 DR	*If a witness post was Bearing from witne is at a distance of Bearing from identi degrees, at a dista NOTE: Legal corner p to place any posts. Act Regulation the location on	placed for the legal corner post: ss post to true position of legal corner post degrees, metres. ification post to witness post mee of metres. post can be witnessed only if it was not feas SUB-RECORDER RECEIVED MAY 2 5 1989
FMC NC AGENT FC FMC NC DATE COM TIME DATE COM TIME N I have compertaining which the	Bunt 2 J. V. Foerster 285078 DR DR DR MAY 5, 1989 12:45 p.m. MPLETED MAY 5, 1989 12:55 p.m. NUMBER OF CLAIM UNITS S E S W Applied with all the terms and conditions of the Mineral Tenure to the location of 4 post claims and have attached a plan of positions of the legal corner post and all corner posts (and w	*If a witness post was Bearing from witne is at a distance of Bearing from identi degrees, at a dista NOTE: Legal corner p to place any posts. Act Regulation the location on	placed for the legal corner post: ss post to true position of legal corner post degrees,metres. iffication post to witness post metres. sost can be witnessed only if it was not feast SUB-RECORDER RECEIVED MAY 2 5 1989 37 \$ 770.0

COPY 4

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					May 07/90 N/G 213 Bunt Group (56 units)

VERIFIED .

AMENDED .

Prov	04 A/4 W	RD OF 4 POST CLAIM		TENURE ACT		7617
MAP NO. 1				REC	CORD NO	7617
MINING RECE	EIPT NO. RECORDED	AT Prince Ru	pert	B.C. DATE OF RECORD	May 5	.19 89
DO NOT W		MMISSIONER CONT			Skeena MINING DIVISION	
		16.81	***************************************			
	Johann V. Foerster		AGENT FOR		NAME	
PPLICATION	103-1741 W. 10th Ave.				NAME	
TO RECORD	Vancouver, B.C.				ADDRESS	
4 POST	1423041427 2344					
CLAIM	732-0642 TELEPHONE	V6J 2A5		TELEPHONE		BOST41 COO
	VALID SUBSISTING F.M.C. NO. 2850			VALID SUBSISTING F	F.M.C. NO	POSTAL CODE
ļ	FMC CODEFOE	RJV		FMC CODE		
	hereby apply for a record of a 4 post clain	n for the location as outli	ned on the atta	ched copy of mineral	titles reference ma	p
	No	Skeena		Mining Division	n.	
ACCESS:	Describe how you gained access to the	e location; include refere	nces to roads,	trails, topographic fe	atures, permanent	landmarks, and a
	description of the legal post location.					
: 	Access was by helicopter	r from Stewart	the ICP	is situated,	, accoming	to
·	the helicopter altimeter	r mading, at a	m elevat	ion of 5,900	feet: (1,79)	മനി അദ്
	Car tare Control					•
·						
	sits atop a rock outcrop	p near the edg	of the	icefield west	t of Mt. Bu	nting.
I have sec	curely fastened the metal identification to	tag embossed		cation posts no		nting.
I have sec "LEGAL CO and impress CLAIM NAI LOCATOR FMC NO AGENT FO DATE COM TIME DATE COM	curely fastened the metal identification of DRNER POST to the legal corner post (or sed this information on the tag: LEGAL CORNER POST TAG NO. 65956 ME Bunt 3 J. Foerster 285078 PR. MAY 5, 1989 12:45 p.m. May 5, 1989	tag embossed witness post*)	*If a witnes Bearing is at a dis Bearing degree	cation Posts not ne placed. of glacial identification post, at a distance of	r the legal corner por true position of legmetres.	ost: pal corner post s.
I have sec "LEGAL CO and impress CLAIM NAI LOCATOR FMC NO AGENT FO DATE COM TIME DATE COM	curely fastened the metal identification of DRNER POST to the legal corner post (or sed this information on the tag: LEGAL CORNER POST TAG NO. 65956 ME Bunt 3 J. Foerster 285078 PR. MAY 5, 1989 12:45 p.m. May 5, 1989	tag embossed witness post*)	because *If a witnes Bearing is at a dis Bearing degree	cation Posts not ne placed. of glacial identification post, at a distance of	r the legal corner por true position of legmetres.	ost: pal corner post s.
I have sec "LEGAL CO and impress CLAIM NAI LOCATOR FMC NO AGENT FO DATE COM TIME DATE COM	curely fastened the metal identification of DRNER POST to the legal corner post (or sed this information on the tag: LEGAL CORNER POST TAG NO. 65956 Bunt 3 J. Poerster 285078 PR. May 5, 1989 12:45 p.m.	tag embossed witness post*)	*If a witnes Bearing is at a dis Bearing degree	cation Posts not ne placed. of glacial identification post, at a distance of	r the legal corner por true position of legmetres.	ost: pal corner post s.
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IMBER OF UNIT	rs		_ 		ANNIVERSARY DATE
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					May 07/90 N/G 213 Bunt Group (56 units)
					•

INSPECTOR'S REPORT NO._______AMENDED ______

9	Prov	ince of British Columb	la Ministry of Energy, Mines a			•	•	
A	MAP NO. 1	04A/4W	Theoding of Agoot (SECTION 23	AL ILITAL ACT	RECORD NO	7618	
HH-CH. DON		•	RECORDED AT Prince	Rupert		,	ay 5	,, 89
SE	DO NOT W		(1)			Skee		
u	THIS SHAD	ED ANEA	GOLD COMMISSIONER			MINING DI	VISION	· · · · · · · · · · · · · · · · · · ·
		Johann V. Foe	rster /	AGENT (FOR			
' API	PLICATION	103-1741 W. 1	ME OF LOCATOR Oth Ave.			NAM	E	
	RECORD	Vancouver, B.	ADDRESS			ADDR	ESS	
4	A 4 POST					•		
	CLAIM	73290642 TELEPHONE	V6J 2		TELEPHONE			POSTAL CODE
		VALID SUBSISTING F.M.C	. NO		VALID SUBSIS	TING F.M.C. NO		
		FMC CODE	FŒRJV	-	FMC CODE		<u> </u>	
\Box			of a 4 post claim for the location a				nce map	
		No. 104A/4W	in theSiceen		Mining C			
A	ACCESS:	Describe how you gaine description of the legal p	ed access to the location; include lost location.	references to ro	ads, trails, topograf	phic features, per	nanent landmark	s, and a
€ CC⊞S		Access was by	helicopter from Ste	wart; the 1	ICP is situa	ited, accor	ding to	
E		heicopher alti	meter reading, at a	n elevatio	of 5.900 f	Seet. (1.798	m) and	
S			ck outcrop near the					
	"LEGAL CO		l identification tag embossed corner post (or witness post*)	IDEN [*]	TIFICATION POST			
	and impres	LEGAL CORNE	•	were .				
		TAG NO. 65957			seof icefiel	d ence en	d reservité	~~
TA	CLAIM NA		4	becau		v.	-	
G		J. V.	Foerster	*!(a w	ritness post was pla			
- Z F			8		aring from witness p	_	· ·	post
Q R	AGENT FO)R		is _	de	grees,		
M A	FMC NC)		ata	a distance of	metres		
J	DATE COM	MENCED May 5	, 1989	Ве	aring from identifica	ition post to witne	ss post	
N	TIME	12:45	p.m.	de	grees, at a distance	of	_metres.	
	DATE CO	MPLETED May 5	p,m, 1989		: Legal corner post ce any posts.		only if it was not	l feasible
			p.m.	to place	e arry posts.	•		- 3
		NUMBER OF CLA	AIM UNITS					*
	N	SE_	w 4			CITI	2 DECODDE	n q
太						2	B-RECORDE RECEIVED	77
ACKN	pertaining	to the location of 4 post cl	d conditions of the Mineral Tenu laims and have attached a plan	of the location of	n	,		1
0 W		positions of the legal cornersts if applicable) are indicable.	er post and all corner posts (and cated.	witness and iden	1-	M	37 5 1989 37 5 1989	170.00
ED	·					М.R.# .	\$	
GEM	Tu	Gun U.	Jun E			VAN	OUVER, B	.C.
MEN	Signature	of Locator			-		ORDING STAMP	1

		TC			7
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APPENDIX III SAMPLE DESCRIPTION AND ASSAY TECHNIQUE

		ROCK SAMPLE DESCRII	PTION REC	CORD				
Page:		Project:	Locatio	on: BUN	17	Operator	: 8	_
Sample No.	Location	Description		A	nalytica	l Results):	
			Au	Ag	Pb	Zn	Other	
KM-R-62	BUNT	LIMONITICALLY ALTERED,						
		LIGHT GREEN/GREY LITHIC TUSS				; !		
		VOLC. FRAGS, SOME COMPLETLY OXIDIZED.					·	
KM-R-63								
KM-R-63	11	10 m chip, 2.0 m UPSECTION				4	,	
KM-R-64	l'	1.0 m chip CONT.						÷
KM-R-65	u	1.0 m chip CONT.						
,								
							!	
,						,		
						:		

ROCK SAMLE DESCRIPTIONS

T. ROBERTS

SAMPLE FR	OM OUTCROP-	REDDISH GI	REY SILSTO	ONE, FINE
	GRAIN	ED, NO VISA	ABLE SULPI	HIDES.
SAMPLE FR	OM OUTCROP-	PURPLE SII	LTSONE, FI	NELY DISS.PY
SAMPLE FR	OM OUTCROP-	**	**	PF 11 11
SAMPLE FR	OM OUTCROP-	PURPLE SAI	NDSTONE, F	HEMATIZED
SAMPLE FR	OM OUTCROP-	PURPLE, WI	ELL HEMATI	ZED SILTSTONE
SAMPLE FR	OM OUTCROP-	PURPLE SAI	NDSTONE, WE	EAKLY SIL/HEM
	SAMPLE FR SAMPLE FR SAMPLE FR SAMPLE FR	GRAIN SAMPLE FROM OUTCROP- SAMPLE FROM OUTCROP- SAMPLE FROM OUTCROP- SAMPLE FROM OUTCROP-	GRAINED, NO VIS. SAMPLE FROM OUTCROP- PURPLE SII SAMPLE FROM OUTCROP- PURPLE SAI SAMPLE FROM OUTCROP- PURPLE, WI	GRAINED, NO VISABLE SULPI SAMPLE FROM OUTCROP- PURPLE SILTSONE, FI SAMPLE FROM OUTCROP- " " SAMPLE FROM OUTCROP- PURPLE SANDSTONE, I SAMPLE FROM OUTCROP- PURPLE, WELL HEMATI SAMPLE FROM OUTCROP- PURPLE SANDSTONE, WE

P. 2

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 Cast Trans Canada Hwy., Kamioopa, B.C. V2C 2J3 1604) 673-5700 Fax 673-4557

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through

80 mosh nylon sleves.

2. Rock, Core: Samples dried (if necessary), crushed,

riffled to pulp size and pulverized to

approximately -140 mesh.

3. Heavy Mineral Separation:

Samples are acreened 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

Direction

Pinish

Hot aqua-regia

ICP

2. Antimony

Direction

Finish

Hot aqua regia

Hydride generation - A.A.S.

3. Arsenio

Direction

Finish

Hot aqua regia

" Hydride generation - A.A.S.

4. Barium

Direction

Pinish

Lithium Metaborate Pusion

I.C.P.

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

5. Beryllium

<u>Direction</u>

Finish

Hot aqua regia

Atomic Absorption

6. Bismuth

Digestion

Finish

Hot aqua regia

Atomic Absorption

7. Chromium

Direction

Finish

Sodium Peroxide Fusion

Atomic Absorption

8. Fluorine

Digostion

Finish

Lithium Metaborate Fusion

Ion Selective Electrode

9. Mercury

Direction

Finish

Hot aqua regia

Cold vapor generation -

A.A.S.

10. Phosphorus

Direction

Finish

Lithium Metaborate Fusion

I.C.P. finish

11. Selenium

Direction

Finiah

Hot aqua regia

Hydride generation - A.A.S.

12. Tellurium

Digestion.

Pinish

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

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13. Tin

Digestion

Finish

Ammonium Iodide Pusion

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 Atomic Absorption followed by Aqua Regia

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 Graphite Furnace - A.A.S. followed by Aqua Regia

P. 5



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

ASSAY PROCEDURES

COLD

Conventional fire assay with Atomic Absorption finish

ARSENIC

Aqua regia digestion,

I.C.P. finish

COPPER, ZINC

Aqua regia digestion, Atomic Absorption finish

APPENDIX IV ROCK GEOCHEMICAL

COMP: NICHOLSON & ASSOC. PROJ: TEU-STRT-91-1

MIN-EN LABS - ICP REPORT

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

FILE NO: 1V-0370-RJ1 DATE: 91/04/23

: G. NICHO															604)98									-4:						OCK 1		ACT:
MPLE MBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	ÇA PPM	CD PPM	CO PPM	CU PPM	FE PPM	PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	N I PPM	P PPM	PB PPM	SB PPM	SR PPM F	TH PPM I	PPM	V PPM	ZN PPM	GA PPM	SN PPM I	W PPM F	CR AI	U-F)
RMR 62 RMR 63 RMR 64 RMR 65 RR 60	.7 .6 .7 1.3	26210 25550 29480 28970 35550	1 1 1	5 6 6 6 8	70 56 78 65 123	.9 1.0 .8 .7	1 1 1 1 2	25780 12940 16840 40100 7900	.1 .1 .1	15 17 15 17 14	40 5 19 5 16 6 15 6 32 5	9340 9320 6800 4380 5310	720 640 800 940 1140	47 45 59 53 67	8260 7670 9060 9000 20860	579 471 843 1141 555	1 1 1 1	1330 1560 890 1160 480	1 1 1 1	1500 1600 1770 1630 420	36 24 26 21 53	1 1 1 1	42 29 47 46 10	1 1 1 1	1	62.4 69.0 78.3 71.6 52.3	103	- }	1 1 1	3 1 2 1	59 92 66 68 49	
RR 61 RR 62 RR 63 RR 64 RR 65	.6 .5 1.1 .6 1.3	21430 25560 36770 17950 35620	1 1 5 8 3	2 3	92 119 129 67	.4 .7 1.4 .8 1.3	1 2 1 1	8860 5570 15940 33400 15130	.1 .1 .1 .1	11 9 24 8 21	16 3: 17 3 29 7: 16 3: 27 6:	5910 1150 2260 6890 9710	960 1410 1920 1150 1840	39 52 62 29 62	11160 18390 13990 5340 13530	330 419 564 883 526	1	380 430 900 780 1280	3 1 1 1	250 160 1380 640 1300	30 25 37 25 42	1 1 1 1	6 7 15 14 13	1 1 1 1	1 1 1	23.6 31.7 50.7 23.3 48.8	77 76 220 114 206	1 1 2 2	1 1 1	1 1 1 1	66 36 31 44 35	
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COMP: NICHOLSON & ASSOC. PROJ: TEU-STRT-91-1

ATTN: 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: 1V-0370-RJ1

DATE: 91/04/23 • ROCK * (ACT:F31)

AMPLE UMBER	AG PPM		AS PPM	B PPM	BA PPM	BE PPM	B1 PPM	CA PPM	CD PPM	CO PPM	CU PPM	PPM	PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM P	TH PPM P	U PPM	PPM		GA PPM F	SN PPM PI	W PM P	CR AU-F
RMR 62 RMR 63 RMR 64 RMR 65 TRR 60	.7 .6 .7 1.3	26210 25550 29480 28970 35550	1 1 1 1	5 6 6 6 8	70 56 78 65 123	.9 1.0 .8 .7 .6	1 2 1 1 1 1	5780 2940 6840 0100 7900	.1	15 17 15 17 14	40 19 16 15 32	59340 59320 66800 64380 55310	720 640 800 940 1140	47 45 59 53 67	8260 7670 9060 9000 20860	כככ	1	1330 1560 890 1160 480	1	1500 1600 1770 1630 420	36 24 26 21 53	1 1 1 1	42 29 47 46 10	1 1 1 1 1	1 1	62.4 69.0 78.3 71.6 52.3	103	1 1 1 1	1 1 1 1	3 1 2 1	59 92 66 68 49
TRR 61 TRR 62 TRR 63 TRR 64 TRR 65	.5 1.1 .6	21430 25560 36770 17950 35620	1 1 5 8 3	2 3 8 1 7	92 119	.4 .7 1.4 .8 1.3	2 1 1 1 3	8860 5570 5940 3400 5130	.1 .1 .1 .1	11 9 24 8 21	16 17 29 16 27	35910 31150 72260 36890 69710	960 1410 1920 1150 1840	39 52 62 29 62	11160 18390 13990 5340 13530	330 419 564 883 526	1 1 1 1	380 430 900 780 1280	3 1 1 1	250 160 1380 640 1300	30 25 37 25 42	1 1 1 1 1	6 7 15 14 13	1 1 1 1	1 3	23.6 31.7 50.7 23.3 48.8	220	1 2 2 1	1 1 1 1	1	66 36 31 44 35
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APPENDIX V STATEMENT OF WORK



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

Mineral Tenure Act Sections 25, 26 & 27

Sections 25, 26 & 27			Art 2 2 1	991
STATEMENT OF WORK — CASH PAYMENT				539
Indicate type of title (Mineral or Placer)	••••••	M.R.	VANCOLIVER	B.C.
Mining Division Skeence			RECORDING STA	MP
1, Michael P MOORE AS	ent for 5	chann	UNF	1997
56 - 1386 Nicola St (03	(Name)(s	1 w 10	1th Ave
Vancouver BC L	lancac	ever		3 C
683 710 (U6X 2X2	732 -	-0642	VE	5 2AS
Valid subsisting FMC No	id subsisting	FMC No	108515	P
	C Code	FOE	RIV	
STATE THAT: (NOTE: If only paying cash in lieu, turn to rev	erse and con	npiete colun	nns G to J ai	nd Q to T.)
1. I have done, or caused to be done, work on the	6.65	7711	Bunt	1-4
7/15 - 7/10				
Record No(s). $70/3$ $70/8$ Work was done from $3a$	7/ to	Fe b	4	. 19 9/
and was done in compliance with Section 50 of the Mineral				
Section 19(3) of the Regulation YES NO				
I hereby request that the claims listed in Column G on this	Statement of	Work be Gro	uped and i c	onfirm that
all claims listed are contiguous YES NO				
FEE — \$10.00				
TYPE OF WO	RK			
PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclams under section 13 of the Regulations, including the map	ition, and constr and cost statem	uction of roads ent, must be gi	and trails. Detail	is as required ement.
PROSPECTING: Details as required under section 9 of the Regulations in only be claimed once by the same owner of the ground	nust be submitte i, and only durin	d in a technical g the first three	report. Prospec	ting work can ship.
GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must through 8 (as appropriate) of the Regulations.	st be submitted i	n a technical re	port conforming	to sections 5
PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30 and/or drilling work on this statement may be withdrawn work value on this statement.	% of the approve from the owner!	d value of geolog s or operator's F	pical, geophysical PAC account and	i, geochemical I added to the
TYPE OF WORK	V.	ALUE OF WOR	<u> </u>	
(Specify Physical (include details), Prospecting, Geological, etc.)	Physical	*Prospecting	*Geological etc.	
Boolegical Seachemical			3500	
Report to follow	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	••••••		
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TOTALS	A +	В +	C3500 =	D350C)
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only			E700 -	E 700
from account(s) of Diag (semanese.			TOTAL	F HZCO
"Who was the Name Teachin Resources Con				1
operator (provided the financing)? Address 602-675 to Healing St.	Transfer a	ımount in Box	F to reverse si	de of form

Vancacier Phone: 682 3680

and complete as required.

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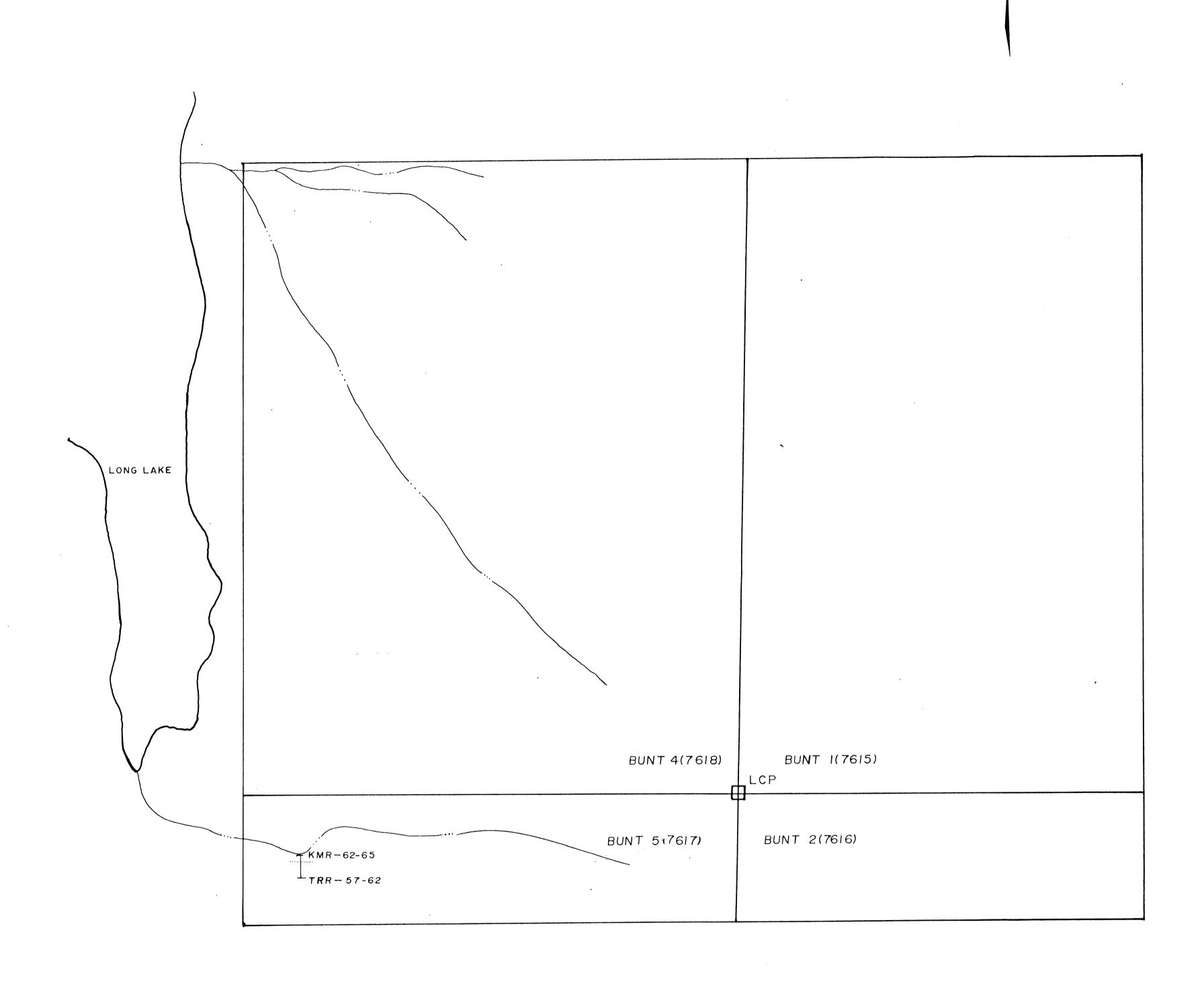
SUB-RECORDER RECEIVED

CLAIM I	DENTIFICATION					APPLICATION OF WOR	K CREDIT			CASH II	N LIEU OF W	ORK OR LEA	SE RENTAL
G	Н	1	J	К	L	M	N	0	Р	Q	R	S	T
CLAIM NAME (one claim/lease per line)	RECORD No.	No. OF UNITS*		WORK TO E	E APPLIED YEARS	Recording Fees	PRICE ENCESS CREDIT BEING USED	NEW EXPIRY DATE	EXCESS CREDIT REMAINING	C/L	RECORDING FEE	LEASE RENTAL	NEW EXPIRY DA
Bunt 1	7615	15	ory 5/41	1500	1	75	1	May 5/92					
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Bunt 3	7617	4	May 5/91	400	ı	20		my 5/92					
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owner/operator



1991 ROCK SAMPLE RESULTS

SAMPLE NO.	A u ppb	A g ppm	C u ppm	Pb ppm	Z n ppm
KMR-62	1	. 7	40	36	138
-63	1	.6	19	24	128
-64	2	٠,7	16	26	150
-65	4	1.3	15	21	137
TRR60	3	8،	32	53	103
-61	1	،6	16	30	77
-62	2	, 5	17	25	76
63	3	1.1	29	37	220
-64	1	.6	16	25	114
~65	2	1. 3	27	42	206

GEOLOGICAL BRANCH ASSESSMENT REPORT

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