GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS

DRILLING REPORT ON STEEPLES GROUP #1C AND STEEPLES GROUP #2B

DATE RECEIVED JAN 2 6 1996

FORT STEELE MINING DIVISION BRITISH COLUMBIA 49°30'N, 115° 23'W NTS 82 G/11

> For R. H. STANFIELD 380 - 4723 1st Street S.W., Calgary, Alberta

By MASTER MINERAL RESOURCE SERVICES LTD. 32 Midpark Gardens S.E., Calgary, Alberta T2X 1N7

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December 1995

# SSESSMENT REPORT

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MASTER MINERAL RESOURCE SERVICES LTD.

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APPENDIX A: Diamond Drill Logs for BR 1- 95 and BR 2-95. APPENDIX B : Chemical Analysis Report from Terramin Research Labs Ltd.

#### Page:

#### **INTRODUCTION:**

The Steeples Group #1C comprises of five claims of twenty units each as shown in Table 1:

Claim	Tenure No.	No. of	Current	\$ Value to	Years to be	New
Name		Units	Expiry	be applied	applied	Expiry
			Date			Date
Steeples 11	209738	20	09/11/95	8,000.00	2	09/11/97
Steeples 13	209740	20	09/11/95	8,000.00	2	09/11/97
Steeples 2	209737	20	09/11/95	8,000.00	2	09/11/97
Steeples 1	209736	20	09/11/95	8,000.00	2	09/11/97
Steeples 15	209847	20	22/12/95	8,000.00	2	22/12/97

Table 1: Steeples Group #1C:

In the exploration program at the old Bul River Mine area, several en echelon mineralized zones have been identified in two clusters. The main group is denoted as the Central Section of the Underground Zone, while the other group further to the west, but in the same strike direction has been located and identified as the Western Section of the Underground Zone.

In between the two groups there was a gap in information that did not allow the determination of whether these two groups were connected along strike or were offset by faulting. The deeper overburden in this area prevented more detail exploration, but in 1995 an area near the edge of the old mine pit was selected for testing by drilling, because, it appeared to be not only in line with the strike of the mineralized zones, but the overburden thickness was estimated to be about 150 meters. The drill hole is designated as BR 1-95.

Drill Hole **BR 2-95** is located to determine the strike extension of the Western Section of the Underground Zone even further west. The drill hole is on Steeples 12 of the Steeples Group 2B described in Table 2 below. The collar is located at the intersection of the strike projection of the Underground Mineralized Zone and a 300 meter long , north trending, axis of a magnetic anomaly (survey completed by previous owners).

Claim	Tenure No.	No. of	Current	\$ Value to	Years to be	New
Name		Units	Expiry	be applied	applied	Expiry
			Date			Date
Steeples 12	209739	20	09/11/95	8,000.00	2	09/11/97
Steeples 14	209741	20	09/11/95	8,000.00	2	09/11/97

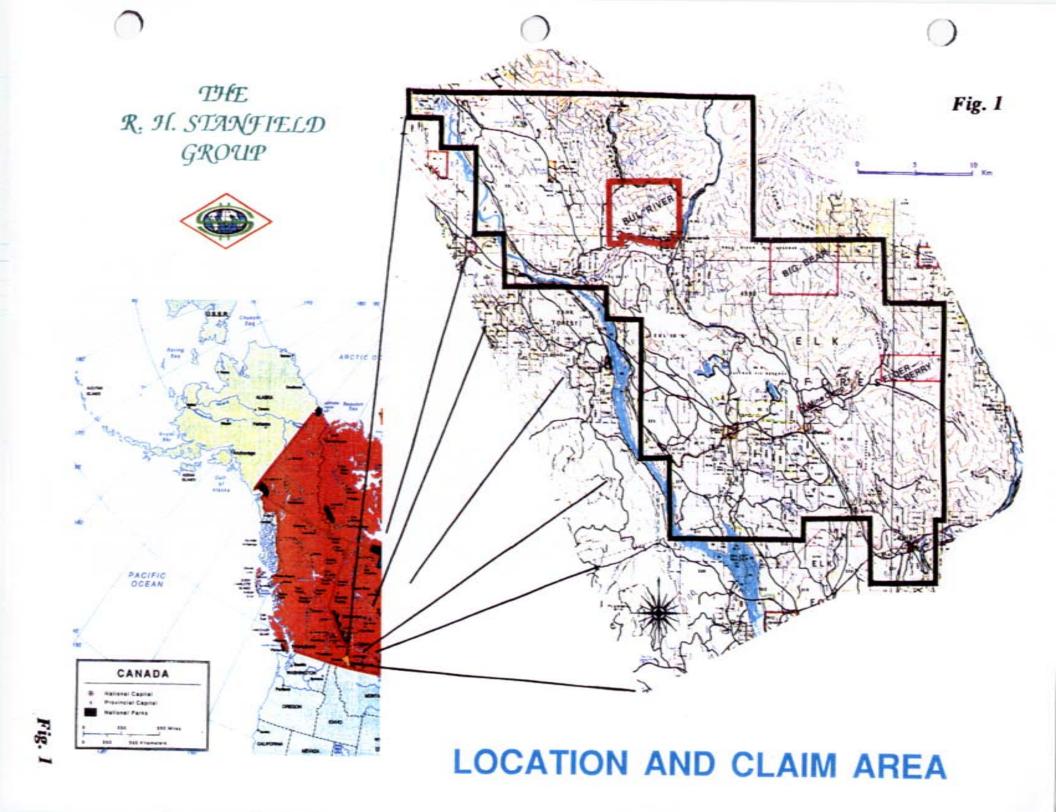
Table 2: Steeples Group #2B:

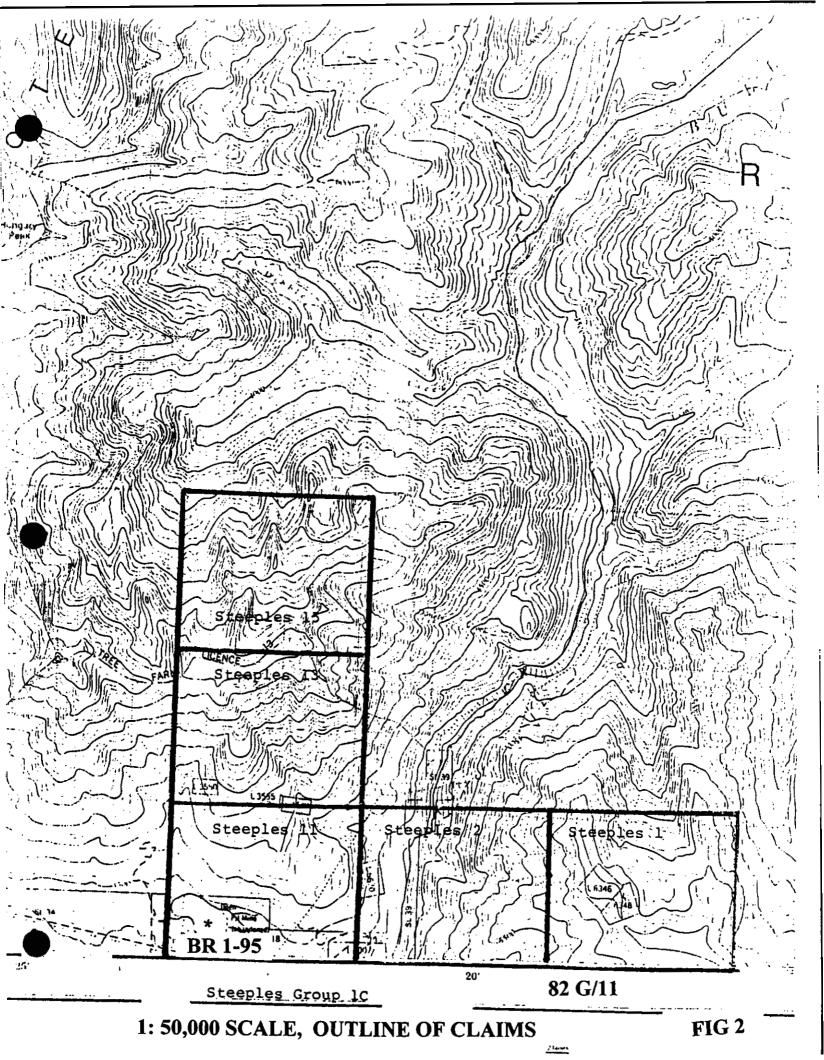
#### LOCATION, ACCESSIBILITY AND TOPOGRAPHY:

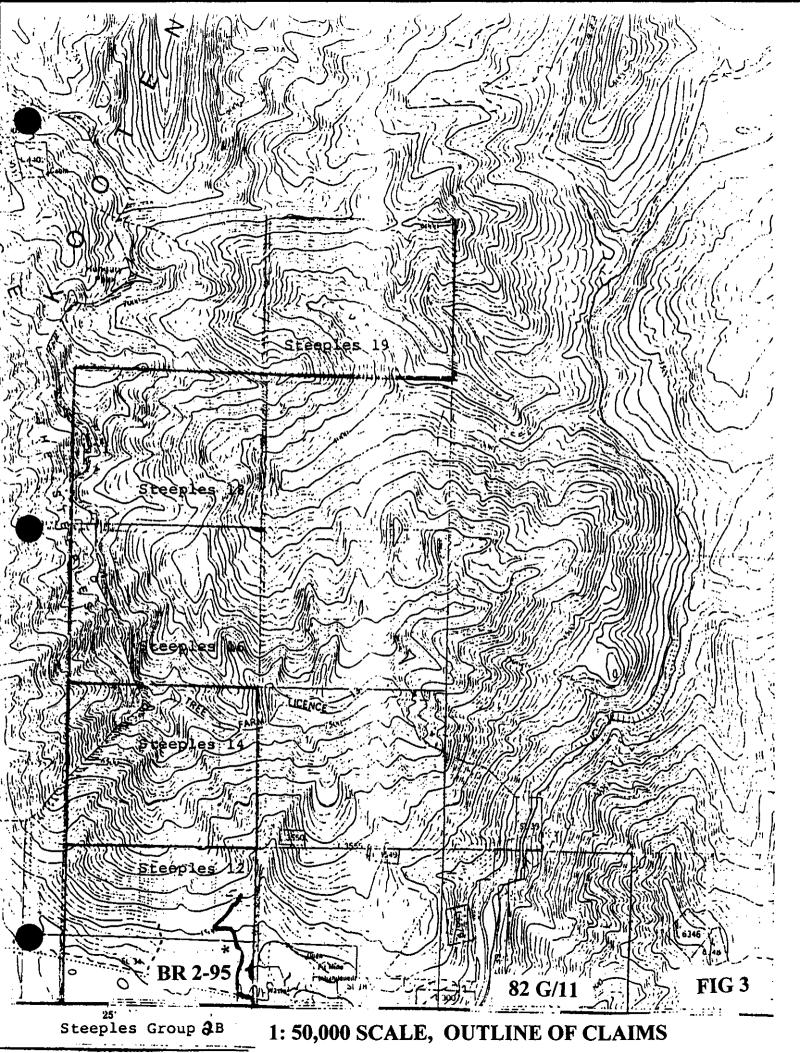
The claim groups are located in southeastern British Columbia approximately 30 kilometers by Highway 3 from Cranbrook, and 16 kilometers by paved and secondary road to the mouth of the Bull River Canyon (see *Figure 1*).

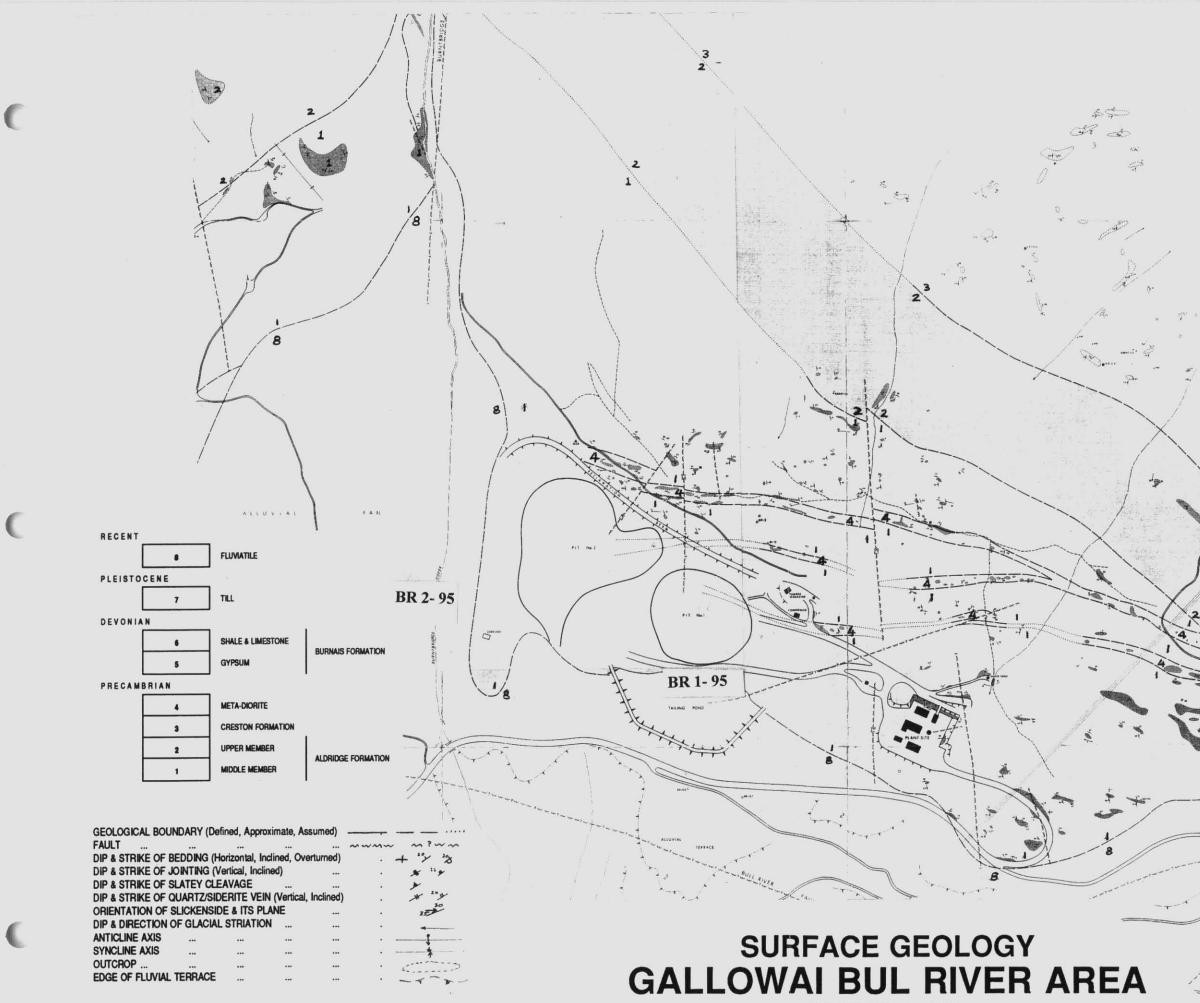
The groups are centered approximately at 49<sup>°</sup> 30'N, 115<sup>°</sup>23'W in N.T.S. quadrant 82G/11 within the Fort Steele Mining Division (*Figure 2 for Group #1C, and Figure 3 for Group #2B*). Topographic relief ranges from 900 to 1,500 meters with steep gradients except at the Bul River Mine Site, where gradients are not so severe.

The drill hole collar for BR 1-95 is located at UTM coordinates 617000E, 5484420N (Grid Zone 11U), and the collar elevation is at 921.21 meters. The dip at the collar is vertical  $(-90^{\circ})$  and the hole was completed to 903.3 meters between November 4, 1994 and April 6, 1995 using a Longyear Super 38 Diamond Drill.









APPROX SCALE - 1cm to 96m

## GALLOWAI BUL RIVER MINE







The collar for drill hole BR 2-95 is located at UTM coordinates 616230E, 5484754N (Grid Zone 11U), at an elevation of 971.15 meters. The dip of the hole at the collar is vertical (-90<sup>0</sup>). 1,414 meters were drilled between April 20,1995 and September 28, 1995 using a Longyear 44 Diamond Drill.

#### **GEOLOGY AND MINERAL DEPOSIT:**

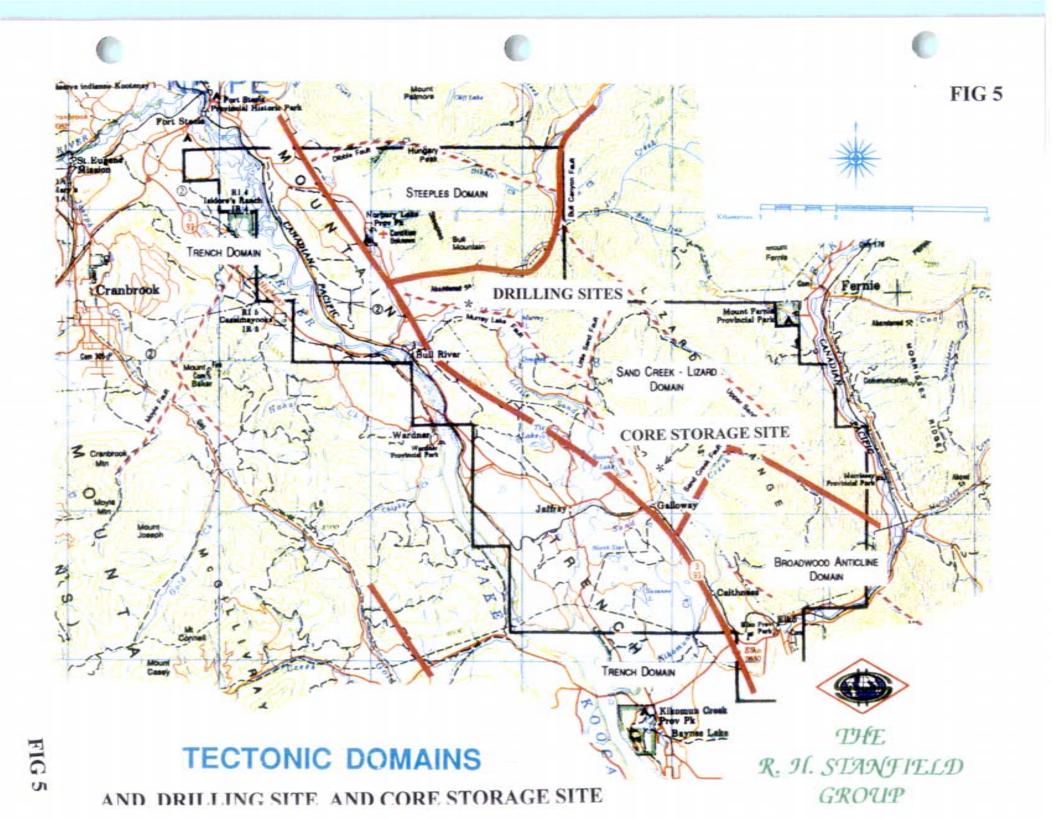
#### **Geological Setting:**

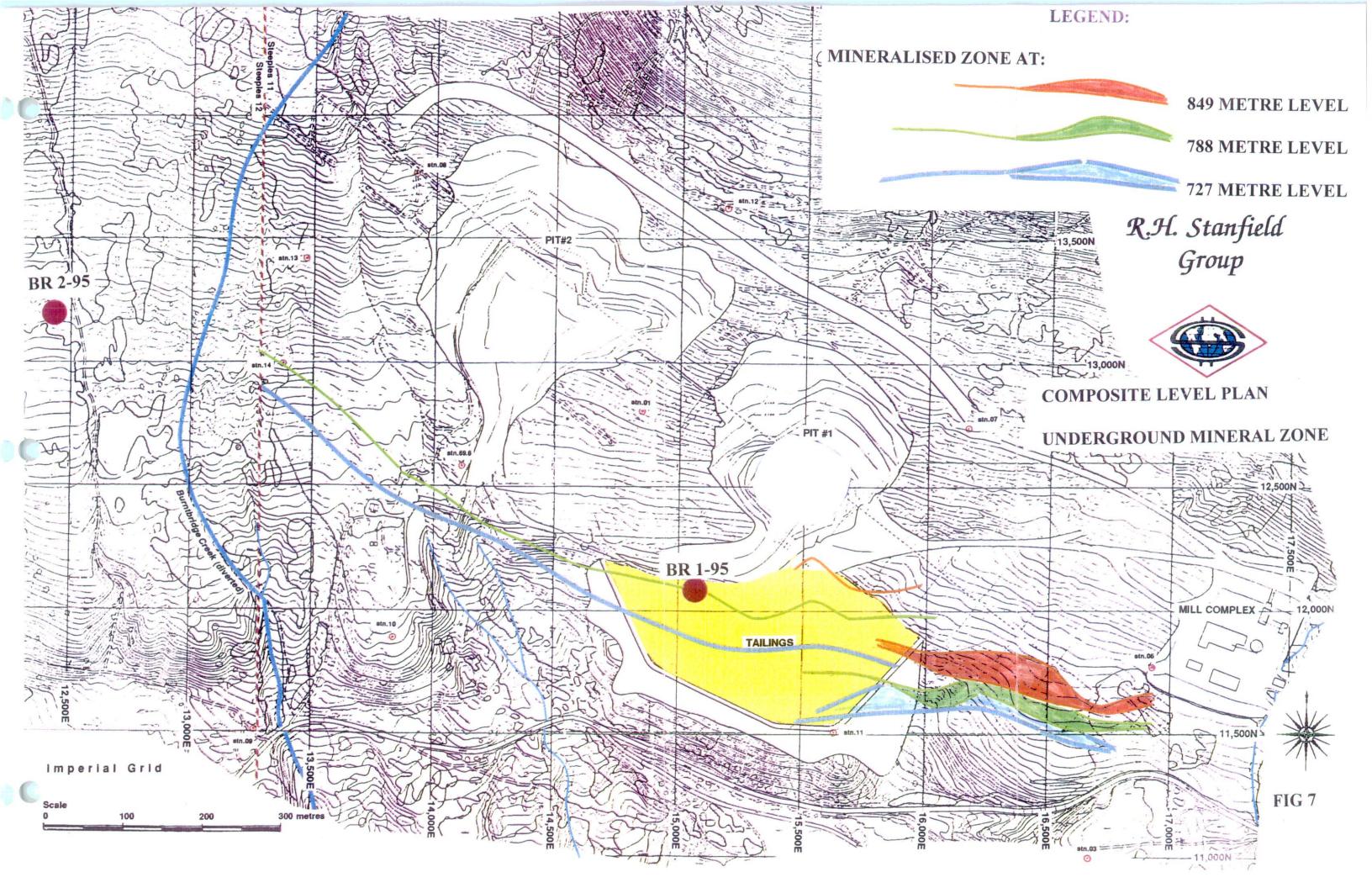
The old mine site and the current main area of investigation on the two claim groups is located on the eastern flank of the Rocky Mountain Trench, within the Steeples Range Domain of the Western Rocky Mountains. *Figure 4* shows the formations mapped in the area. It is probably significant that the old mine site and the mineralized zones under current investigation are adjacent to the south dipping, west-northwest striking Bull Canyon Fault System (*Figure 5*) that marks the southern limit of the Steeples Range Domain. The fault system parallels other major fault systems in the area that also have one or more associated mineral deposits, e.g. Sand Mountain and Sand Creek Fault Systems.

The area under investigation is at the edge of a deep area of overburden of Pleistocene glaciofluvial and colluvial sediments. Basement rocks consist of Precambrian metasediments of the Upper Aldridge and Lower Creston Formations, and diorite dykes and sills of the Moyie Intrusives. Outcrops of these basement rocks are common immediately north and east of the area underlain by the mineral deposits in this investigation.

#### Nomenclature and Identification of Mineralized Zones:

The term *PIT ZONE* refers to the mineralized zone mined by previous owners in the 1970s by open pit methods. The remnants of the two pits are shown in Figure 7. The





term **UNDERGROUND ZONE** has been applied in the past by the previous owners to the mineralized zones in the hanging wall of the Pit Zone. This term is used in this report for the mineralized zones located by continuing exploration in the old Bul River Mine area. **Figure 6**, is a schematic composite cross section (looking west) showing the several en echelon mineralized systems of the Underground Zone. Along the west northwest strike the Underground Zone has been identified in two clusters. The main group is denoted as the Central Section of the Underground Zone, while the other group further to the west, but in the same strike direction has been located and identified as the Western Section of the Underground Zone.

#### Host Rock Geology

The host rocks are designated as the *Argillite Sequence*. Units within the sequence are identified on:

(1) *colour* --- degree of chloritisation and silicification, and presence of graphitic material.

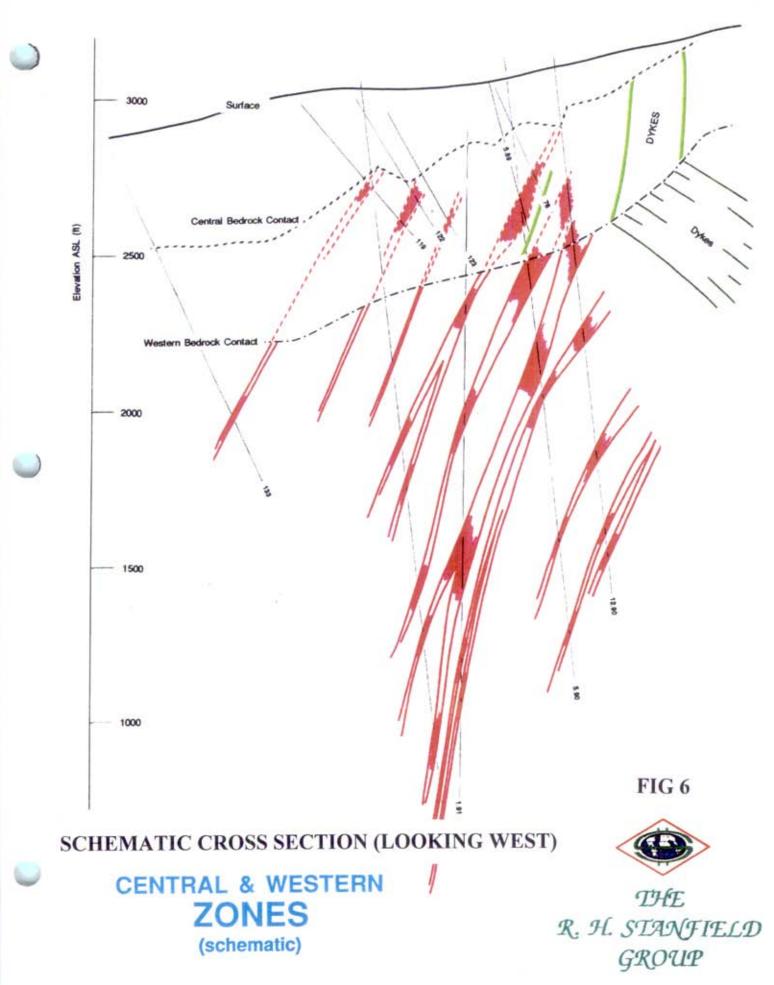
(2) *foliation* --- degree of foliation or massive looking.

The above criteria allows classification into the following spectrum:

#### Argillite – Quartzitic Argillite – Argillitic Quartzite – Quartzite

The attitude of the host rocks in outcrop adjacent to the mine has been determined as generally west-northwest with a northerly dip. Lack of marker horizons or distinctive bedding, and the cyclical nature of the sedimentary sequence makes it almost impossible to determine structure, e.g. folding, within the host sequence from the drill hole data. Previous work has postulated transverse faulting as one mechanism to explain repetition of features and en-echelon mineralized zones.





Disseminated sulphides, mostly pyrite and pyrrhotite are common and are usually trace to < 5%, but frequently stringers of sulphides and concordant (to foliation) bands of pyrrhotite have been observed in the drill core.

The Argillite Sequence is intruded by dykes and sills of "diorite" that have been identified by previous work as part of the Moyie Sills and Dykes. These tend to be concentrated mostly in the Pit Zone and the footwall of the Underground Zone. Trace content of sulphides in the diorite is noted in drill intersections observed for this report.

#### **Mineralized Zones:**

Within the Aldridge sequence are several shear zones that have the same approximately north-west strike but dip south. Several of these shear zones have been identified by drilling. They vary in width and continuity along strike and dip. One of the shear zones within the block identified as the Underground Zone is known for its relatively extensive continuity along strike and dip and has been identified as the *Main Zone*.

Most of the shear zones are identified in the drill core by fracturing. The intensity of fracturing varies from broken core, to clay filled fractures (gouge) to a mass of micro-fractures designated as the "crackle zone" in drill logs. Some of the fractures have extensive carbonate in the matrix -- mostly calcite, but siderite and ankerite are significant in some sections. There is usually a direct correlation in secondary chlorite and carbonate in the shear zones, particularly with siderite. Quartz is sometimes a major constituent in the shear zones, and appears to be affected by micro-fractures in some sulphide-chlorite mineralized sections.

Sulphides consist of pyrite, pyrrhotite, chalcopyrite and arsenopyrite(?) in order of abundance within the shear zones. The relationships observed in the core between the types and degree of fracturing, the types and degree of carbonate fillings, chloritisation,

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quartz content, sulphide content and crackle zones, suggests multiple phases of fracturing with the carbonate and quartz filling the major fractures followed by micro fracturing, which provided pathways for transportation and deposition of secondary chlorite and sulphides.

The footwall and hanging wall limits of sulphide mineralisation are based mainly on visual criteria in drill core, and in *Appendix A* the drill logs show the chemical analysis of some of the mineralized zones analyzed to date on the two drill holes being reported. In *Appendix B* the analysis report from Terrain Research Lab is included.

#### **DRILL HOLE COLLAR LOCATION:**

Figure 7 shows the location of collars for drill holes BR 1-95 and BR 2-95.

The drill core is stored at the core storage facilities and permanent camp site of Bul River Mineral Corporation Ltd. near Gallowai, British Columbia (see Figure 5).

#### **CONCLUSIONS:**

Figure 7 is a composite level plan showing the trace of the Main (Mineralized) Shear Zone at three levels. At all three levels -- the 849, the 788 and the 727 -- the mineralisation is present in the Central Zone of the deposit, but is only intersected at the 788 an 727 levels in the Western Zone due to erosion of the upper level.

Prior to the completion of BR1 - 95, there was no confirmation of connection along strike between the two zones. The completion of this drill hole has shown that the Main Shear (Mineralized) Zone is indeed continuous at the 788 and 727 levels, with the upper sections being eroded from higher levels as in the Western portion of the deposit. This confirmation of continuity will improve the confidence of reserves in the deposit, and facilitate planning of a bulk sampling program.

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More close spaced drilling is recommended in this area to better delineate the Main Shear Zone, and to determine the extensions -- along strike and down dip -- of the other enechelon structures. Several of these structures in the Central Zone have shown a tendency to change strike direction and form large ore shoots when they intersect the Main Shear Zone.

Figure 7 also shows that hole BR 2-95 did not intersect the Main Shear (Mineralisation) Zone. Due to the deep overburden and the potential depth to targets at the three levels mentioned above, it is recommended that further investigation for the western extension of the deposit by surface drilling be done after better delineation of shear zones by geophysical methods.

#### **COST STATEMENT:**

Claim Group: Steeples # 10	<u>C</u>
Claims:	Steeples #11, 13, 2, 1, and 15
Drilling Dates:	November 4, 1994 to April 6, 1995.
	Nov. 4-9, 10, 12-17, 19-24, 26-30, Dec. 1, 3-8, 10-16, 1994
	and Feb. 1-9,11-16,18-28, March 1,2,4-9,11-16,18-23,25-
	28,31, April 1-6, 1995.
Drill Crew:	Driller: Mr. Robert Thelland, Box 24, Gallowai, B.C.
	Driller's Helper: Mr. R. Hewisson, Box 24, Gallowai, B.C.
	Mr. Stan Muglich, Box 24, Gallowai, B.C.
Site Crew:	Manager: Mr. R. Stanfield, Jr., Box 24, Gallowai, B.C.
Consultant:	Pilsum Master, P.Geol.,
	32 Midpark Gdns. S.E., Calgary, Alberta
Equipment:	1 Longyear Super 38 Coring drill with heavy duty mask
and	all weather skid shack.
	Pump Sloop (water heater, Petter/FMC pump), 1000gal
	portable tank IR 125 compressor.
	Drill Rod Trailer
	Ford F600 4x4 Rod Truck
	Two F250 4x4 Pickup Trucks, slip tank.
	1 D7 Cat, to set up drill stations, reclaim drill sites, roads,
	stand by.
	1 CASE 580D 4x4 Backhoe, with extended Boom, sump
	placement, site preparation.

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Unit Direct Drill Costs:	Owning and Operating costs for M	1/c. D:	rill
			\$ 13.958/foot
	-	ng, et	
			\$ 8.885/foot
			\$ 1.903/foot
String and Bits\$ 1Moving, Setup, Surveying, Pumping, etc.\$Ancillary Charges @ 59.65% of above\$Contingency @ 8% of total above\$Cost Summary:\$A: For Period November 9, 1994 - April 6, 1995:Labour Costs, including Manager\$ 57,856Room and Board, 271 man days @ \$65/day\$ 17,615Direct Drill Costs; 2566 feet @ \$ 25.68/ft\$ 65,894Consultant' Fee: 5 days @ \$ 400/day\$ 2,000Room and Board, Consultant: 5 days @ \$65/day\$ 325Room and Board, Manager/Site Foreman:\$ 9 days @ \$65/day89 days @ \$65/day\$ 5,785Chemical Analysis\$ 108Equipment:D7, 7 hours @ \$110/hour\$ 770Backhoe, 17 hours @ \$ 100/hour\$ 1,700Driller's Truck: 89 days @ \$50/day\$ 4,450	\$ 25.68 / foot		
Cost Summary:			
A: For Period Nov	ember 9, 1994 - April 6, 1995:		
	-	\$	57,856.10
Room and Board, 2	271 man days @ \$65/day	\$	17,615.00
Direct Drill Costs;	2566 feet @ \$ 25.68/ft	\$	65,894.88
Consultant' Fee: 5	days @ \$ 400/day	\$	2,000.00
Room and Board,	Consultant: 5 days @ \$65/day	\$	325.00
Room and Board, I	Manager/Site Foreman:		
	-		5,785.00
Chemical Analysis			108.28
	<b>.</b>		770.00
			1,700.00
			•
	eman's Truck: 89 days @ \$50/day		4.450.00
		\$	160,954.26
	1 4 11 1 0 1004		
	<u>ember 4 - November 9, 1994:</u>	•	0.000.00
		-	
All other costs Pro	rated as 6 days/ 89 days from A	<u>2</u>	10.850.85
TOTAL		<u>\$</u>	<u>174.798.11</u>
Claim Group: Steeples #	<u>2B</u>		
Claims:	Steeples # 12 and 14		
<b>Drilling Dates:</b>	April 20, 1995 to September 28, 1	995	
	April 20-27,29,30, May 1-4,6-11,1	13-18,	20-25,27-31,
	• • • • •		
		,5-10,	12-17,19-24,26-31,
	1 · ·		
Drill Crew:	-		
	-		
	-		
	-		
		x 24,	Gallowai, B.C.
Consultant:		4 11	
Equipment:		neavy	auty mask
	and all weather skid shack.		

	Pump Sloop (water heater, Petter/FMC pun portable tank IR 125 compressor. Drill Rod Trailer Ford F600 4x4 Rod Truck Two F250 4x4 Pickup Trucks, slip tank.	
Unit Direct Drill Costs:	<ol> <li>D7 Cat, to set up drill stations, reclaim dr stand by.</li> <li>CASE 580D 4x4 Backhoe, with extended placement, site preparation.</li> <li>Owning and Operating costs for M/c, Drill</li> </ol>	
	String and Bits Moving, Setup, Surveying, Pumping, etc. Ancillary Charges @ 59.65% of above Contingency @ 8% of total above	\$ 13.958/foot \$ 0.938/foot \$ 8.885/foot \$ 1.903/foot \$ 25.68 / foot

#### **Cost Summary:**

For Period A	pril 20 to September 28, 1995:		
Labour Costs	, including Manager	\$	62,451.70
Room and Bo	oard, 293 man days @ \$65/day	\$	19,045.00
Direct Drill (	Costs; 3,702 feet @ \$ 25.68/ft	\$	96,062.31
Consultant' F	ee: 6 days @ \$ 400/day	\$	2,400.00
Room and Bo	oard, Consultant: 6 days @ \$65/day	\$	390.00
Room and Bo	oard, Manager:95 days @ \$65/day	\$	6,175.00
Chemical An	alysis	\$	59.06
Equipment:	D7, 8 hours @ \$110/hour	\$	880.00
	Backhoe, 20 hours @ \$ 100/hour	\$	2,000.00
	Driller's Truck: 95 days @ \$50/day	\$	4,750.00
	Foreman's Truck: 95 days @ \$50/day	\$	4,750.00
	Drill Pipe Truck 184 days @ \$50/day	<u>\$</u>	9,200.00
TOTAL		<u>\$</u>	<u>207,163.07</u>

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#### CERTIFICATE

December 21, 1995.

I, Pilsum Master of 32 Midpark Gardens SE, Calgary, Alberta certify that:

I am a graduate of the University of Bombay, India, and a graduate of the University of New Mexico, USA, and hold the following degrees:

B.Sc., 1963, Geology / Chemistry M.Sc., 1965, Geology M.Sc., 1968, Geology / Mineralogy

I am a registered Professional Geologist (Association of Professional Engineers, Geologists and Geophysicists of Alberta), and a member of the American Institute of Mining, Metallurgical and Processing Engineers.

I am the President of Master Mineral Resource Services Ltd of Calgary, Alberta with Permit to Practice Number P 5336 from the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

I have practiced my profession for the past twenty five years, including ten years in the geology, material characterization, process and product research of a range of industrial minerals in North America and Asia.

This Assessment Report is based on my examination of drill core, and analysis and compilation of drill hole data.

I hold no interest in the properties or securities of R. H. Stanfield, or affiliates thereof, nor do I expect to receive any directly or indirectly

Pilsum Master, M.Sc., P.Geol.

PERMIT TO PRA	
Signature ()maa	the
PERMIT NUMBER	
The Association of Professio Geologists and Geophysicia	nal Engineers, is of Albert.

## APPENDIX A

## **DIAMOND DRILL LOGS**

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127.3       150.6       Argillaceous (trite and Diorite (?), broken and fractured core. Mineralised Zones discontinuous and at ittegular intervals.       5053       132.4       1       94       66       76       1.04       1.5       1.04       1.4       1.45       4.5       20       68         150.6       221.2       Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic       133.9       1.6       1       41       1.45       4.5       20       68         150.6       221.2       Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic       130.6       121.7       132.5       1       78       3.25       5.5       10       66         150.6       123.7       212.7       Barce and fractures       4845       212.7       0.5       30       645       6.00       12.3       15       163         212.7       222.2       Mineralised Zones Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4833       222.4       0.9       1       44       1.53       6.3       18       14         221.2       235.5       Mineralised Zones Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4836       222.4       0.9       1       44       1.5       4       321	Surve	ey Date:	August, 1995 Location: 617000E, 5484420N UTM Grid Zone 11U			evation: 921.21	metres	. 1	Dip @ (	Collar : •9	90				<u></u>
Jommenet Avr 4, 1994       Logged by: Flam Master (10)       Collar Bearing/Dip.       Descing/Dip.       Descing/Dip.       Descing/Dip.       Bearing/Dip.         Pron       To       Casing, Overband       Sample do. yr       Flam Master       Description       Sample do. yr       Flam Master       No       Ni         27.3       150.6       Argilaceous Quite and Diorite (7), broken and fractured core. Mineralised Zones discontinuous and st itegular intervals.       5053       132.4       1.5       1       94       44       45.5       20       66         150.6       221.2       Diorite (7) or almost massive highly altered Argilitie: fine to medium grained, silisic 150.6 - 128.3: Broken core, a few marrow stringers of qt2-C0, 150.6 - 123.3: Broken core, a few marrow stringers of qt2-C0, 150.6 - 123.2: Mineralised Zones discontinuous 21.2: 7: Barren qt2-C0, stringer       127.7       0.5       30       645       6.00       12.3       15       163         150.6       121.2: 7: Barren qt2-C0, stringer       212.7: 21.3: Mineralised Zones qt1regular intervals       128.4       1.9       9       121       0.644       4.1       17       27         212.2: 2: 2: 2: 3: Mineralised Zone: Qt2 bx some glassy qtz, dark chlorite. Lots of cp in fractures       128.5       1.9       9       121       0.644       4.1       17       27       223.5       1.6       14 </th <th>ve: T</th> <th>lo deterr</th> <th>mine strike connection between western and eastern/portions/of/Ore Zones Length of Ho</th> <th>le: 2,981</th> <th>feet (90</th> <th>3.3 metres)</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	ve: T	lo deterr	mine strike connection between western and eastern/portions/of/Ore Zones Length of Ho	le: 2,981	feet (90	3.3 metres)									
Dence Legrence Uet 37, 1995Upper dence dence of 37, 1995Upper dence of 39, 196521.121.121.121.121.121.121.121.121.1 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>·</th><th></th><th></th><th></th></td<>												·			
Construction       Construction       Construction       Construction       Construction       Bearing/Dire       How and NAMSISS in promulaes otherwise st         27.3       150.6       Argillaceous Quie and Diorite (?), broken and fractured core. Mineralised Zones discontinuous at itegular intervals.       5053       132.4       1.5       1       94       1.64       1.7       14       28         27.3       150.6       Argillaceous Quie and Diorite (?), broken and fractured core. Mineralised Zones discontinuous 2005       5053       132.4       1.5       1       94       1.64       1.7       14       28         150.6       221.2       Diorite (?) or almost inactive highly altered Argillite: fine to medium grained, silisic 150.6       138.8       1.6       1       41       1.45       4.5       2.0       6       6         150.6       221.2       Diorite (?) or almost inactive large stringers of qtz-CO <sub>0</sub> 138.8       1.6       1       41       1.45       4.5       1.6       6       6       6       6       6       6       1.7       1.7       1.7       2.7       2.7       2.2       1.6       6       6       6       6       6       6       6       6       6       6       6       6       6       6       6 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>· · · · · · · · Dom</td> <td>46</td> <td>Dage</td> <td> /D:</td> <td></td> <td></td> <td></td> <td></td> <td><u></u></td>						0	· · · · · · · · Dom	46	Dage	/D:					<u></u>
From         To         Description         Sample No.         From To         Width $-AAALTSIS$ (in ppm unless otherwises)         Solution of the second seco	etea:	April 0,	, 1995	Dates I	ogging:	Uei 5-7, 1995									
0       127.3       Casing, Overburden       Cd       Ca       Cu       Vert	<u></u>	То	Description	Sample	No.	From • To		Ť			ppm un	less othe	erwise sta	ated)	<u> </u>
127.3       150.6       Argillaceous Quite and Diorite (?), broken and fractured core. Mineralised Zones discontinuous       5053       132.4 - 1.5       1       94       1.04       1.7       14       28         150.6       221.2       Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic       5054       133.9 - 1.6       1       41       1.45       4.5       20       66         150.6       221.2       Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic       150.6       122.7       1.5       1.6       1       41       1.45       4.5       20       66         150.6       127.7       132.5       1.6       1.2       1       78       3.25       5.5       10       66         150.6       150.6       150.6       127.7       123.2       Mineralised Zone, crackle cp-py-qtz-chlorite       4845       212.7       0.5       30       645       6.00       12.3       15       163         217.3       221.2       235.57       Mineralised Zone, crackle cp-py-qtz-chlorite       4843       212.4       0.9       1       44       1.53       6.3       18       14         4838       225.2       2.2       1.2       5       483		127.3		<b>_</b>	;			Cd		Cu	Fe		_	Pb	Zn
150.6       221.2       Diorite (7) or almost massive highly altered Argillite: fine to medium grained, silisic 150.6 ± 123.7 ± 140.0       133.9 ± 1.6       1       41       1.45       4.5       20       68         150.6       221.2       Diorite (7) or almost massive highly altered Argillite: fine to medium grained, silisic 150.6 ± 123.7 ± 18 aren que 2.00 stringers 212.7 · 213.2 ± Mineralised Zone, trackle q-py-que chlorite       4845       212.7 · 213.2 ± Mineralised Zone, trackle q-py-que chlorite       4845       212.7 · 213.2 ± Mineralised Zone, trackle q-py-que chlorite       4843       216.9 · 212.8 · 0.9       1       44       1.53       6.3       18       14         221.2 · 235.5 : Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in 		150 (	A 111 Otaite and Dionite (2) broken and freetuned even Mineralized Zenes discontinuous	5052	, U	199.4	115	,	04		%00 17	14	100	10	17
150.6       221.2       Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic 150.6 - 188.5. Broken core, a few narrow stringers of qtz-C03.       138.8.       1.2       1       78       3.25       5.5       10       66         150.6       121.7       212.7       0.5       30       645       6.00       12.3       15       163         217.7       0.5       30       645       6.00       12.3       15       163         217.7       0.5       30       645       6.00       12.3       15       163         217.7       0.5       30       645       6.00       12.3       15       163         217.7       0.5       30       645       6.00       12.3       15       163         217.7       0.5       30       645       6.00       12.3       15       163         217.7       223.5       1.9       9       121       0.634       4.1       1.7       27         224.4       1.5       1.6       1.44       1.53       6.3       18       14         223.3       224.4       1.5       1.5       4.83       227.9       1.5       4.83       29.9       6.3	·   ·	190.0		3033	. 1		1.5	1	94	1.04	1.1	14	20	10	
150.6       221.2       Diorite (7) or almost massive highly altered Argillite: fine to medium grained, silisic 150.6 - 188.5: Broken core, a few narrow stringers of qtz-C03 150.6 - 212.7: Barren qtz-C03 stringers 212.7: 21.3: Mineralised Zone, crackle cp.pqtz-chlorite       4845       212.7: 0.5       30       645       6.00       12.3       15       163         211.7: 21.2: Mineralised Zone, crackle cp.pqtz-chlorite       4845       213.2       0.9       1       144       1.53       6.3       18       14         212.1: 2: 235.5: Mineralised Zone; Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4845       212.7: 0.5       30       645       6.00       12.3       15       163         221.2: 2: 235.5: Mineralised Zone; Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4839       225.2: 223.3: 223.3: 223.3: 223.4: 223				5054		133.9 -	1.6	1	41	1.45	4.5	20	68	17	22
150.6       221.2       Diorite (7) or almost massive highly altered Argillite: fine to medium grained, silisic 150.6 - 123.7: Barren quescelo, stringers of qtz-CO <sub>3</sub> 140.0       Image: stringer of qtz - 213.2: Silisic 150.6 - 123.2: Mineralised Zone, crackle cp-py-qtz-chlorite       4845       212.7.       0.5       30       645       6.00       12.3       15       163         217.3 - 221.2: Mineralised Zone, crackle cp-py-qtz-chlorite       4843       216.9.       1.9       9       121       0.634       4.1       17       27         221.2 - 235.5: Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4839       222.4.       0.9       1       44       1.53       6.3       18       14         221.2 - 235.5: Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4836       225.2.       1.2       5       483       4.1       1.7       22       32         4836       225.2.       1.2       5       483       4.83       226.4.       1.5       4       321       3.55       19.7       14       106         4837       227.9       1.5       4       321       3.55       19.7       14       106         4831       232.4.       1.5       10       30       4.66       15.2       <				5055					70	2.05		10	1.00	1,0	1
150.6       221.2       Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic 150.6 - 182.7: Barren qtz-C0 <sub>3</sub> stringers 212.7 - 213.2: Mineralised Zone; crackle cp.py-qtz-chlorite       4845       212.7 - 21.5       30       645       6.00       12.3       15       163         211.7 - 213.2: Mineralised Zone; crackle cp.py-qtz-chlorite       4843       216.9 - 1.9       9       121       0.634       4.1       17       27         212.7 - 23.5: Mineralised Zone; Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4839       222.4 - 0.9       1       144       1.53       6.3       18       14         224.2       1.1       1.2       2.2       3.2       22.4       0.9       1       142       4.34       2.1       2.2       3.2         224.2       1.1       2.2       3.2       2.2       1.5       4.839       2.2       1.4       1.5       6.3       18       14         1.5       1.4       1.5       1.5       1.4       1.5       1.4       1.5       1.4       1.5       1.4       1.6       1.4       1.2       1.2       2.2       3.2       3.2       3.2       3.2       3.2       1.2       2.4       3.2       3.2       1.5       1.4 <t< td=""><td></td><td></td><td></td><td>5055</td><td></td><td></td><td>1.2</td><td><u>}</u>.▲</td><td>1 '8</td><td>3.25</td><td>5.5</td><td>10</td><td>00</td><td>13</td><td>49</td></t<>				5055			1.2	<u>}</u> .▲	1 '8	3.25	5.5	10	00	13	49
221.2       290.9       241.8: Massive conformable pyrhotite stringer       Quite Arglilite:       233.9       1.5       1.6       6.6       81       1.9       9       121       6.634       4.1       1.7       27         21.2       235.5: Mineralised Zone; drackle cp-py-qtz-chlorite       4843       216.9       1.9       9       121       6.634       4.1       1.7       27         21.2       235.5: Mineralised Zone; Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4838       222.4       0.9       1       444       1.53       6.3       1.8       14         221.2       235.5: Mineralised Zone; Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4838       222.4       0.9       1       142       4.34       2.1       22       32         4836       225.2       1.2       5       483       4.98       1.40       14       82         4836       225.4       1.5       1.5       4       321       3.5       19.7       14       106         4833       227.9       1.5       1.5       1.0       30       4.66       15.2       9       9         221.2       290.9       6.3       1.4       73       235.5       <		221.2	Diorite (?) or almost massive highly altered Argillite: fine to medium grained, silisic		<i>;</i> !										
212.7 - 213.2: Mineralised Zone, crackle cp-py-qtz-chlorite       4445       212.7 - 0.5       30       645       6.00       12.3       15       163         217.3 - 221.2: Mineralised Zones at irregular intervals       4843       216.9       1.9       9       121       0.634       4.1       17       27         221.2 - 235.5: Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4839       222.4       0.9       1       444       1.53       6.3       18       14         221.2 - 235.5: Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in fractures       4836       223.3       0.9       1       142       4.34       2.1       22       32         4836       225.2 -       1.2       5       483       4.98       14.0       14       82         4835       226.4 -       1.5       4       321       3.55       19.7       14       106         4833       223.9 -       1.5       10       30       4.66       15.2       9       9         4834       223.9 -       1.5       10       30       4.66       15.2       9       9         21.2       290.9       230.9 -       1.5       10       30       4.66 <td></td> <td></td> <td></td> <td></td> <td>· · [</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td>					· · [									1	
221.2       290.9       241.8: Massive conformable pyrrhotite stringer 221.2       290.9       290.9       297.0       364.6       0121.0       0.634       4.1       17       27         221.2       233.3       222.4       0.9       1       144       1.53       6.3       18       14         223.3       223.3       0.9       1       142       4.34       2.1       22       32         4838       225.2       1.2       5       483       4.98       14.0       14       82         225.2       1.2       5       483       4.98       14.0       14       82         4836       225.2       1.2       5       483       4.98       14.0       14       82         4837       226.4       1.5       4       321       3.55       19.7       14       106         227.9       1.5       4       233       2.90       6.3       14       73         230.9       1.5       10       47       5.71       11.8       12       12         230.9       23.9       1.5       1.5       10       30       4.66       15.2       9         231.9 <td< td=""><td></td><td></td><td></td><td>4845</td><td>·</td><td>212.7 •</td><td>0.5</td><td>30</td><td>645</td><td>6.00</td><td>12.3</td><td>15</td><td>163</td><td>12</td><td>14</td></td<>				4845	·	212.7 •	0.5	30	645	6.00	12.3	15	163	12	14
221.2 · 235.5: Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in       4839       222.4 · 23.3 · 23.3 · 23.3 · 23.3 · 23.3 · 23.3 · 23.3 · 23.3 · 23.4 · 23.3 · 23.4 · 23.3 · 23.4 · 23.3 · 23.4 · 23.3 · 23.4 · 23.4 · 21.1 · 22       32         4836       225.2 · 1.2       5       483       4.83       223.3 · 23.4 · 23.3 · 23.4 · 23.4 · 23.4 · 23.4 · 23.4 · 23.1 · 23.5 · 19.7 · 14       106         4837       225.4 · 1.5       4.83       4.835 · 226.4 · 1.5 · 4. · 321 · 3.55 · 19.7 · 14       106         227.9 · 25.9 · 1.5       4.833 · 229.4 · 1.5 · 10 · 47 · 5.71 · 11.8 · 12 · 12         230.9 · 230.9 · 1.5 · 10 · 30 · 4.66 · 15.2 · 9 · 9         4831       232.4 · 1.5 · 10 · 30 · 4.66 · 15.2 · 9 · 9         221.2 · 290.9 · 291.0 · 1.5 · 100 · 30 · 4.66 · 15.2 · 9 · 233.9 · 233.9 · 1.5 · 100 · 30 · 4.66 · 15.2 · 9 · 9         221.2 · 290.9 · 290.9 · 290.9 · broken and fractured, some C0 <sub>3</sub> and qtz , no significant sulphides.         290.9 · 297.0 · 364.6 · 0tzitic Argillite: 20.9 · broken and fractured, some C0 <sub>3</sub> and qtz fractore, not glassy         290.9 · 297.0 · 364.6 · 0tzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures · · · · · · · · · · · · · · · · · · ·				1		213.2									0
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			217.3 - 221.2: Mineralised Zones at irregular intervals	4843	1		1.9	9	121	0.634	4.1	17	27	8	51
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			221.2 - 235.5: Mineralised Zone: Qtz bx some glassy qtz, dark chlorite. Lots of cp in	4839			0.9	1	44	1.53	6.3	18	14	83	69
221.2       290.9       241.8: Massive conformable pyrrhotite stringer Qtzitic Argillite: Mineralised (Breccia) Zone: chlorite, CO <sub>3</sub> and qtz fraction, not glassy       4836       224.2       1.2       5       483       4.98       14.0       14       82         221.2       290.9       291.0       364.6       Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures       100					1			.							
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				4838			0.9	1	142	4.34	2.1	22	32	6	30
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					ľ					-					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				4836			1.2	5	483	4.98	14.0	14	82	36	27
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				4835	ľ.		1.5	4	321	3.55	19.7	14	106	35	16
221.2       290.9       241.8: Massive conformable pyrrhotite stringer Qtzitic Argillite: 280.0 - 280.9: broken and fractured, some CO3 and qtz , no significant sulphides.       4833       229.4 229.4. 					• •	227.9									
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				4834	ſ		1.5	4	293	2.90	6.3	14	73	16	18
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				4833			1.5	10	47	5.71	11.8	12	12	23	63
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					1			1.0		1.00	15.0			1.0	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1			4832	•		1.5		1 30	4.00	15.2	9	9	13	73
221.2 290.9 Qtzitic Argillite: 280.0 - 280.9: broken and fractured, some CO <sub>3</sub> and qtz, no significant sulphides. 290.9 297.0 Mineralised (Breccia ) Zone: chlorite, CO <sub>3</sub> and qtz fraction, not glassy 297.0 364.6 Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures				4831	1	232.4 -	1.5	17	71	6.52	11.2	5	9	13	97
221.2 290.9 297.0 297.0 297.0 364.6 Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures				1020			1.6	6	01	1 04		1.9	10	10	30
221.2       290.9       Qtzitic Argillite: 280.0 - 280.9: broken and fractured, some CO3 and qtz, no significant sulphides.         290.9       297.0       Mineralised (Breccia ) Zone: chlorite, CO3 and qtz fraction, not glassy         297.0       364.6       Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures				4030	-		1.0	0	1.01	1.90	5.5	1.5		1	1 30
290.9 297.0 364.6 Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures								1	1				GEC	10	
290.9 297.0 Mineralised (Breccia) Zone: chlorite, CO <sub>3</sub> and qtz fraction, not glassy 297.0 364.6 Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures	-   :	290.9	Qtzitic Argillite:		2				.	ļ		1 AN	UM P A	۲v	6
297.0 364.6 Otzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures		297.0	Mineralised (Breccia ) Zone: chlorite, CO <sub>3</sub> and gtz fraction, not glassy									13/N	T_	T'SE	M
297.0 364.6 Qtzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures 338.2 - 338.8: Bx, < 10 cm wide, 10° to CA, no sulphides												ର୍ଯ୍ୟ	11		P
$330.2 \cdot 330.0; DX_1 \times 10$ th while, 10 to CA, no surprises		364.6	Qtzitic Argillite: foliated 70° to CA, some light green chlorite on some fractures $239.2 - 339.8$ ; By $< 10$ cm wide $10^{\circ}$ to CA, no subbides								1 1		Ir1		15
310.9 - 323.3: fractured and broken core, some CO <sub>3</sub> veinlets 20° to CA, some gouge,			310.9 - 323.3: fractured and broken core, some CO <sub>3</sub> veinlets 20 <sup>0</sup> to CA, some gouge,		•						<u>\</u>	<b>b</b> /		Þ	in
no significant sulphides except @ 297.3 · 298.5 (10% sulphides - lots of quartz),			no significant sulphides except @ 297.3 - 298.5 (10% sulphides - lots of quartz),									189	EE	Įρ⁄.	¢;
and @ 312.4 - 313.0			and @ 312.4 - 313.0		·   ,							N I	6		$\mathbf{V}$

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DIAMOND DRILL LOG

MASTER MINERAL RESOURCE SERVICES LTD.

From	To	Description		From • To	Width						
364.6 397.6 422.1 502.1 509.7 534.6 578.2	To 397.6 422.1 502.1 509.7 534.6 578.2 596.1 856.1	<ul> <li>Argillite: massive, some portions very foliated, disseminated sulphides 364.6 - 370.0: Bx zone, or Mineralised Zone, qtz-CO<sub>3</sub>, py, cp(&lt;10‰), some chlorite in crackle zone, not a glassy look</li> <li>Qtzitic- Argillite: very slightly siliceous, quite foliated 409.7: 15 cm wide band of multiple conformable pyrrhotite</li> <li>Qtzitic - Argillite: not so siliceous, more argillitic, some foliation, some disseminated sulphides</li> <li>Argillite: Massive, dark colour, little or no foliation, some disseminated sulphides</li> <li>Argillaceous Qtzite: dark colour but siliceous, variable proportion of argillite, some foliation otherwise quite massive</li> <li>Qtzitic Argillite: with some sections slightly more silisic. Sulphides (py, pyrrhotite) as clots and stringers</li> <li>Qtzitic Argillite: dark colour, foliated, little or no silisic, sulphides (py and pyrrhotite) as disseminations, clots and conformable (to foliation) bands. Some broken core</li> <li>Argillaceous Qtzite: more typical section, quite silisic, foliation @ approx. 50 - 75<sup>0</sup> to CA 595.8 - 596.1: broken core, gouge</li> </ul>	Sample No.	From - To	Width	Cd	YSIS (in 1 Cu ‱	PPM un Fe ‰	Mo	wise stat Ni	Pb
856.1	903.3 903.3	626.4 - 717.3: disseminations and clots of py, some concordant to foliation Argillaceous Qtzite: very slightly to non silisic, foliated END OF HOLE									

Hole No.: BR 2 - 95       Page 1       of 2       Project: R. H. ST         Collar Survey Date: August 1995       Location :5484754E, 616230N       UTM Grid Zone 11U						Elevation of Collar: 971.15 Dip @ Collar: -90°							<b>D</b>	<u></u>		
bjective	e: To deter	mine strike extens	ions of mineralised zone wesh	Length of H	ole: 1,414	<u>neti</u>	n res to Sept 28,	1995								
ommen	ced: April	20:1005	Logged by: Pilsum Master	Collar Bearing/Din: 90												
		er 28, 1995	Sampled by: Pilsum Maste		Dates Lo	ggin	g: Sept 26-30, Oct 2,		pth pth	B B	earing/[ earing/[	Dip: Dip:				
From	То		Description	Sample No. From - To Width ANALYSIS (in PPM except where noted)												
91.5 09.4 83.9 21.8	291.5 309.4 483.9 521.8 535.8	carbo Qtzitic Argillite: 371.4 Qtzitic Argillite: Inclu sharp irregular o Breccia Zone: br	not very silisic, broken and fractured opnate, qtz or sulphides foliated, not silisic, some sections with 8, 355.5 - 355.8, 313.3 - 314.2, 317.4 foliated approx. 70 <sup>0</sup> to CA, not very sil sions or intrusions of medium grained	fractured core (e.g. at 368.2 - 0 - 318.8, 326.1 - 326.4) lisic, broken core, some gouge. altered material (?) with very	5058	, 1	523.3 -	1.6		Co 60	Cu ‰	Fe ‰	Мо 9	Ni	P b	6
					5060 5063		524.9 526.4 - 527.9 530.0 -	1.5	1	70 205	0.11	3.6	19 6	10	1	3
35.8 67.3 91.8	667.3 791.8 843.0	Argillaceous Qtzi sectio Disse 703.0 Argillaceous Otzi	very slightly silisic, foliated @ 40 <sup>0</sup> to C ite and Qtzite: interfingered, sharp con- ons very dark chloritic, others very light minated sulphides approx 10‰ 0 - 705.2: broken core, some gouge ite: green colour but quite silisic ( cont 0 - 785.2: Qtz Bx with sulphides, appro	tacts approx 30 <sup>0</sup> to CA. Some t coloured gray silisic. act zone ?), interfingering with Di		A contraction of the second	531.5						AN COSS	GEC JM P.	10/200	
	<b></b>				•	1	<u> </u>	<b>.</b>	-	<b>.</b>	L	•	HORE C			キバジン

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#### DIAMOND DRILL LOG

#### MASTER MINERAL RESOURCE SERVICES LTD.

rom	То	Description	Sample No.	From - To	Width		ANALYSIS (in PPM unless otherwise stated)						
13.0	865.2	791.8 - 792.4: Qtz Bx, mostly stringers Diorite (?): medium grained, some qtz veins with py-pyrrhotite, e.g @ 851.8 - 852.1 Upper and lower contacts buff coloured approximately 45° to CA and upto				C d	Со	Cu ‰	Fe ‱	Mo	Ni	P b	Zı
5.2	914.6	15-20 cm wide Argillaceous Qtzite: quite silisic interfingering with almost "bleached" qtzite (or contact zone)	-										
ę		Disseminated py - pyrrhotite > 10‰ 865.2 - 866.1: massive qtz vein, glassy looking, brecciated with chlorite, little or no sulphides											
027.3	1159.4	Argillaceous Qtzite: silisic flow banding @ $40^{\circ}$ to CA, py > 10‰ 1073.3 - 1073.9: mylonite bx zone with ground core											
59.4		Argillaceous Qtzite: still silisic but almost massive with little or no foliation, 10 - 15‰ disseminated py - pyrrhotite		ļ									
87.0	1307.6	Argillaceous Qtzite: quite silisic, fine banding @ 70 <sup>0</sup> to CA, grey-green in colour, some sections significantly more sililisic almost qtzite 1238.5 - 1247.6: some py - pyrrhotite stringers @ 75 <sup>0</sup> to CA. Some sections show higher chloritic content but are still quite silisic	2 1 1										
07.6 12.8 45.8	1312.8 1345.8 1368.8	Broken Core: Siliceous Argillaceous Qtzite (?) Qtzitic Argillite: green colour, foliated very slightly silisic Otzitic Argillite to Argillite: Massive, some flow banding @ $60^{\circ}$ to CA											
68.8	1414.2	1448.2 · 1448.5: silisic (qtz?), very little bx, no significant sulphides Qtzitic Argillite: lots of flow banding @ 40° to CA, quite silisic, py-pyrrhotite < 10‰ disseminated.											
			•									-	
												-	

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## APPENDIX B

## CHEMICAL ANALYSIS REPORT

### TERRAMIN RESEARCH LABS LTD.

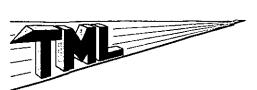
MASTER MINERAL RESOURCE SERVICES LTD.

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#### TERRAMIN RESEARCH LABS LTD.

#### ANALYTICAL REPORT

R. H. Stanfield 350, 4723 - 1 Street S.W. Calgary, Alberta T2G 0A1

R. Stanfield cc: Pilsum Master

Date: Oct. 27, 1995

Job No: 95-192

Project: Gallowai Bul River

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Signed: <u>mph</u>

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14, 2235 30th Avenue N.E., Calgary, AB, T2E 7C7 Phone: (403)250-9460 Fax: (403)291-7064

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#### TERRAMIN RESEARCH LABS Ltd.

Job No: 95-192

Client: R.H. Stanfield Project: Gallowai Bul River

Sample Number	Cd ppm	Co ppm	Cu %	Fe %	Mo ppm	Ni ppm	Pb ppm	Zn ppm
4830	6	81	1.96	5.5	13	19	10	306
4831	17	71	6.52	11.2	5	9	13	978
4832	10	30	4.66	15.2	9	9 9	13	730
4833	10	47	5.71	11.8	12	12	23	630
4834	4	293	2.90	6.3	14	73	16	180
4835	4	321	3.55	19.7	14	106	35	169
4836	5	483	4.98	14.0	14	82	36	271
4838	1	142	4.34	2.1	22	32	6	30
4839 ·	1	44	1.53	6.3	18	14	83	69
4843	9	121	0.634	4.1	17	27	8	517
4845	30	645	6.00	12.3	15	163	12	1410
5053	1	94	1.04	1.7	14	28	10	17
5054	1	41	1.45	4.5	20	68	17	22
5055	1	78	3.25	5.5	10	66	13	49
5058	1	60	0.032	8.9	9	11	1	66
5060	1	70	0.113	3.6	19	10	1	38
5063	1	205	0.014	7.1	6	12	4	18

Page 1 of 1

BUL RIVER MINERAL CORP.

403 287 1110 P.01/01

TOTAL P.01

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MASTER MINERAL RESOURCE SERVICES LTD.

Pilsum Master, M.Sc., M.Sc., P.Geol. 32 Midpark Gardens S.E., Calgary, Alberta, Canada T2X 1N7 Telephone (403) 256 - 6220 • Facsimile (403) 254 - 4333

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May 14, 1996

Mr. George Owsiacki, Ministry of Energy, Mines and Petroleum Resources Province of British Columbia Victoria, B.C. FAX: (604) 952 - 0381

#### Re.: Drilling Report on Steeples Group #1C, and Steeples Group #2B Fort Steele Mining Division For: R. H. Stanfield

Dear Mr. Owsiacki:

Further to our phone conversation regarding the assessment report on the above claims, I am enclosing the information you requested:

## For Holes BR1-95 and BR2-95 the size of core was NQ from 127.3 to 903.3 meters in BR1-95, and 291.5 to 1414.2 meters in BR2-95.

In both holes the casing was installed in July of 1994 (see report by Phil D. de Souza, "Drilling - PBR 2.94) and this casing was used to access bedrock in the diamond drilling program in 1995.

Please contact me if there are any further questions.

Yours truly

Pilsum Master, P.Geol.

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