Puerto Rico + Spotted Horse
6,000 tons of .91 opt Au

MAG HIGH
MAG LOW
Fsp
Au values (soil)
4800 ppm Zn
MAG ANOMALY
59-
58-
5250 ppb Au
60135 Au, Zn
3100 ppb Au, Cu, N Drainage
877 N/R
876 Cu 121 56 Mo
875 225 Au Pb, Cu
871 250 ppb Au Cu, Pb
872 280 ppb Au
873 530 Au Cu, Py
874 130 Au
Skarn zone w/ Mo, Pb
Garnet-Diopside 1.5M wide
core values to 2150 ppb Au
+ Asso Au, Ag up to .5% WO3
232 ppm Ag
34 ppm Pb
ARROW TUNGSTEN
Mo, Sp
Flow. Cu, Pb, Zn
High Mag
STEWART MOLY
Mo Rich
MAG FEATURE
Skarn zones - WO3 rich
Pb-Zn-Ag Free Au
204,000 tonnes .37% MoS2
JDH 81-9 7M 3.84 g/t Au
81-3 8M 21.6 g/t Ag
2650 Au!
76 30 Au, Cu
C3 - 45 Au
ELISE
HALL
TRIXIE V
Au anom. Cu, Pb, Zn
Au values in QV w/ Dykes
ADIT on yellow qtz. vein
1920 ppb Au
2350 ppb Au
Zn in Soils by Quintanna 1932-42
Au (14M vein) Au-Cu-Ag- 20 Tons mined
18 oz Au, 33 oz Ag
GOLD HILL
56 120 Au
57
along a felsic dyke
ARLINGTON 1 Km S - Mauto or repl. type
29,000 tons + 1.8 oz/t Au, 2 oz/t Ag
252,000 / 255 oz/t Au
present reserves
Indicated total 25,980 tons
Bring into prod.
.7 Au
1.2 Ag
17.2 d
1500' strike
Do We Have ? Stewart #11
West Grid + East "B" Grid
STEWART 11
Volc. rock 210 ppb Au
Clubine - Comstock Pb w/ Cu, Pb, Zn, Sp
Stokely Nelson Granite 28-42 31,980 t 10 oz/t
MAG ANOMALY
Pb-Pb High Pb, Rocks to .06 oz/t Ag 1500 ft
Silvanite, Cu, Pb, Zn .1-3M veins
Sp, Mo
MAYFLOWER
MAYBLOSSOM
FREE SILVER
FREENO LION
IN 1960's XRAY DRILLING OUTLINED sub-econ MoS2 deposit
(170 ppb Au
68 300 ppb Au
BULLION CREEK AREA
Au, Ag, Bi, Zn - 1988 samples
88 Heavies
4b
882
883
884
885
886 Mg
445 W
888 As
887
80 GRID
TO NELSON 27.5 km
TOWN OF YMIR
TO SALMO 10.0 km
TO SALMO 8.0 km
GREAT NORTHERN RAILROAD
SALMO RIVER
CLAIM BOUNDARY
APPROXIMATE BOUNDARY OF 1982 & 1983 MAPPING; INCLUDED FOR COMPLETENESS OF 1984 DATA

LEGEND

TERTIARY (Eocene or Later)

POST CORYELL

- 5a RHYOLITE DIKES
- 5b BASALT/DIABASE (DOLERITE) DIKES
- 5c LAMPROPHYRE
- 5d GABBRO (May be Contemporaneous with 4a & 4b)
- 5e DIORITE

CORYELL PLUTONIC ROCKS

- 4a FELSITE
- 4b BIOTITE PORPHYRY
- 4c BIOTITE AUGITE MONZONITE & FINE GRAINED EQUIVALENTS

LOWER CRETACEOUS

NELSON PLUTONIC ROCKS

- 3a PHASE II BRECCIA
- 3b APLITE OR LARGELY APLITIC OUTCROP
- 3c PHASE I BRECCIA
- 3dIII QUARTZ MONZONITE PORPHYRY-SOUTHERN STOCK
- 3dII QUARTZ MONZONITE PORPHYRY-QUARTZ EYE PORPHYRY
- 3dI QUARTZ MONZONITE PORPHYRY-NORTH STOCK
- 3d QUARTZ MONZONITE PORPHYRY-UNDIFFERENTIATED
- 3e FELDSPAR PORPHYRY

MIDDLE & UPPER JURASSIC

HALL FORMATION

- 2a ARGILLITE
- 2b SILTSTONE
- 2c CONGLOMERATE
- 2d INTERCALATED ARGILLITE & CONGLOMERATE
- 2e UNDIFFERENTIATED

All sediments

LOWER JURASSIC

ELISE (ROSSLAND) VOLCANICS

- 1a BASALT/ANDESITE FLOW
- 1b AGGLOMERATE
- 1c FELDSPAR-HORNBLENDE PORPHYRY - GABBROIC IN APPEARANCE.
- 1d VOLCANICS (Undifferentiated)
- 1e ? PYRITIC PALE BROWN WEATHERING LIMY ROCK - POSSIBLE DACITE OR ALTERED VOLCANIC.

All Mafic Volcanics

GEOLOGICAL SYMBOLS

- OUTCROP
- JOINTING (Inclined, Vertical)
- BEDDING (Inclined, Vertical)
- FOLIATION (Inclined, Vertical)
- GEOLOGICAL CONTACTS (Known, Inferred)
- FAULT ZONE
- STRIKE & DIP OF FAULT ZONE
- DIAMOND DRILL HOLE LOCATION
- BOUNDARY OF QUARTZ STOCKWORK & POTASSIC ALTERATION ZONE
- MoS_2 OCCURRENCE
- SHAFT
- ADIT (OPEN, CAVED)
- TRENCH
- CHALCOPYRITE
- GALENA
- SPHALERITE
- PYRITE
- MAIN ACCESS ROAD
- FOUR WHEEL DRIVE ROAD
- TRAIL
- STREAM
- CONDUCTOR & NUMBER

METRES 200 0 200 400 600 800 1000

SELCO DIVISION - BP RESOURCES CANADA LIMITED

STEWART PROJECT - B. C.

GEOLOGY 1984

823038

SCALE 1 : 10,000		DRAWN BY: T. CARPENTER	FIG. 7
DATE NOVEMBER 1984		DRAFTED BY: S. G.	
N.T.S. 82 F / 3,6	PROJ. 10138	REPORT BPVR 84-62	

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