885807

→ Myra Falls

Roundup '93

BATTLE-GAP LENSES
MYRA FALLS OPERATIONS
WESTMIN RESOURCES LTD

LOCATION:
Geographic: central Vancouver Island, B.C.
NTS: 92F/11
Acreage: 3028 ha

COMMODITIES:
Cu, Zn, Au, Ag

AGREEMENTS:
100% owned and operated by Westmin Resources Ltd.

HISTORY:

1919-1925	- initial discovery of massive sulphide in outcrop, 24m adit driven and 661m of diamond drilling by Paramount Mining
1925-1961	- property appraisals by a variety of people
1961-1966	- drilling, drifting and pit developed by Western Mines
1966-1969	- exploration and mining at the Lynx and Myra Mines ("S" Zone massive ore hosted in schistose anticline hinge)
1969	- finding of the "G" Zone VMS type lenses from the Lynx MIne
1979	- discovery of H-W ore lenses at lower stratigraphic horizon than "S" and "G" Zones
1981-1986	- PhD thesis study focusing on stratigraphy by S.Juras
1985	- production commenced at H-W Mine, and ceased at Myra Mine
1983-1988	- exploration curtailed, focus on H-W Mine definition
1988	- aggressive property exploration program launched
1991	- discovery of Battle-Gap lenses
1993	- current production, at Lynx and H-W Mines, production of Battle-Gap expected to start in 1993

GEOLOGY:

Regional: Groups of volcanogenic massive sulphide lenses located at three different stratigraphic positions are hosted within the Devonian age Myra Formation, a sub-unit of the Sicker Group. The Myra Formation is composed of; texturally and compositionally varied volcanics ranging from rhyolite to basalt; and lesser sediments (chert, argillite and jasper). Strata changes from flat lying in the NE to a tight anticline in the SW.
Cross-cutting faults (up to 5 generations) display movement of 300m and less. The Sicker Group has been altered to lower greenschist facies.

Local: Similar to the other groups of lenses on the property, the Battle-Gap lenses trend about 4 degrees towards 315 azimuth. The Battle group of lenses has a strike length of 750m and dip length of up to 250m, and thickness up to 20m. The Gap lense is about 200x60x30m. Ore minerals in order of abundance are; pyrite, sphalerite, chalcopyrite, galena, barite, tennantite, bornite, (chalcocite, digenite, electrum).

CURRENT EXPLORATION RESULTS:
The drifting and drilling costs for exploration of the Battle-Gap Lenses are stated below. This includes exploration from the Lynx Mine of the H-W Horizon in the area from the Lynx-Phillips Fault in the west to the current easterly extent of drifting in the Lynx Mine. All work was done since 1983. Costs are based on current prices, and are somewhat simplified as indirect costs are applied. Sections are spaced from 50-150m apart and holes on section are spaced from 30-75m apart. Hole depth ranges from about 275-425m. Most mineralized core was sampled, with the exception of footwall stringer pyrite. Analyses for Au, Ag, Cu, Pb, Zn, Fe, (Ba, As) were done on site. Whole rock sampling was also done. Underground down-hole and surface geophysics was deemed impractical.

Battle Lens 750m X 250m X 30m (thick) - Gap Lens 150m X 30m X 6m

DRIFTING		UNDERGROUND DRILLING	
Total Footage	47,000 M	Total Meters Drifted	47,000 M
Direct Cost/meter	$53	Direct Cost/Meter	$53
Indirect Cost/meter	$15	Indirect Cost/Meter	$15
Total Cost/meter	$68	Total Cost/Meter	$68
Total Drilling Costs	$3.20 M	Total Drifting Cost	$3.20 M

TOTAL DRILLING & DRIFTING COSTS = $6.05 M

Third Quarter 1992 reserves are presented for the Battle and Gap areas separately. Finally total property reserves are given.

GAP ZONE

CATEGORY	TONNES	Au	Ag	Cu	Pb	Zn
		g/t	g/t	%	%	%
Probable	432,700	2.5	180.6	2.1	1.2	13.9
Possible	347,000	2.7	167.5	1.9	1.1	13.0
Potential	135,600	4.3	180.1	2.5	1.0	16.3
TOTAL	**915,300**	**2.9**	**175.5**	**2.1**	**1.2**	**13.9**

BATTLE ZONE

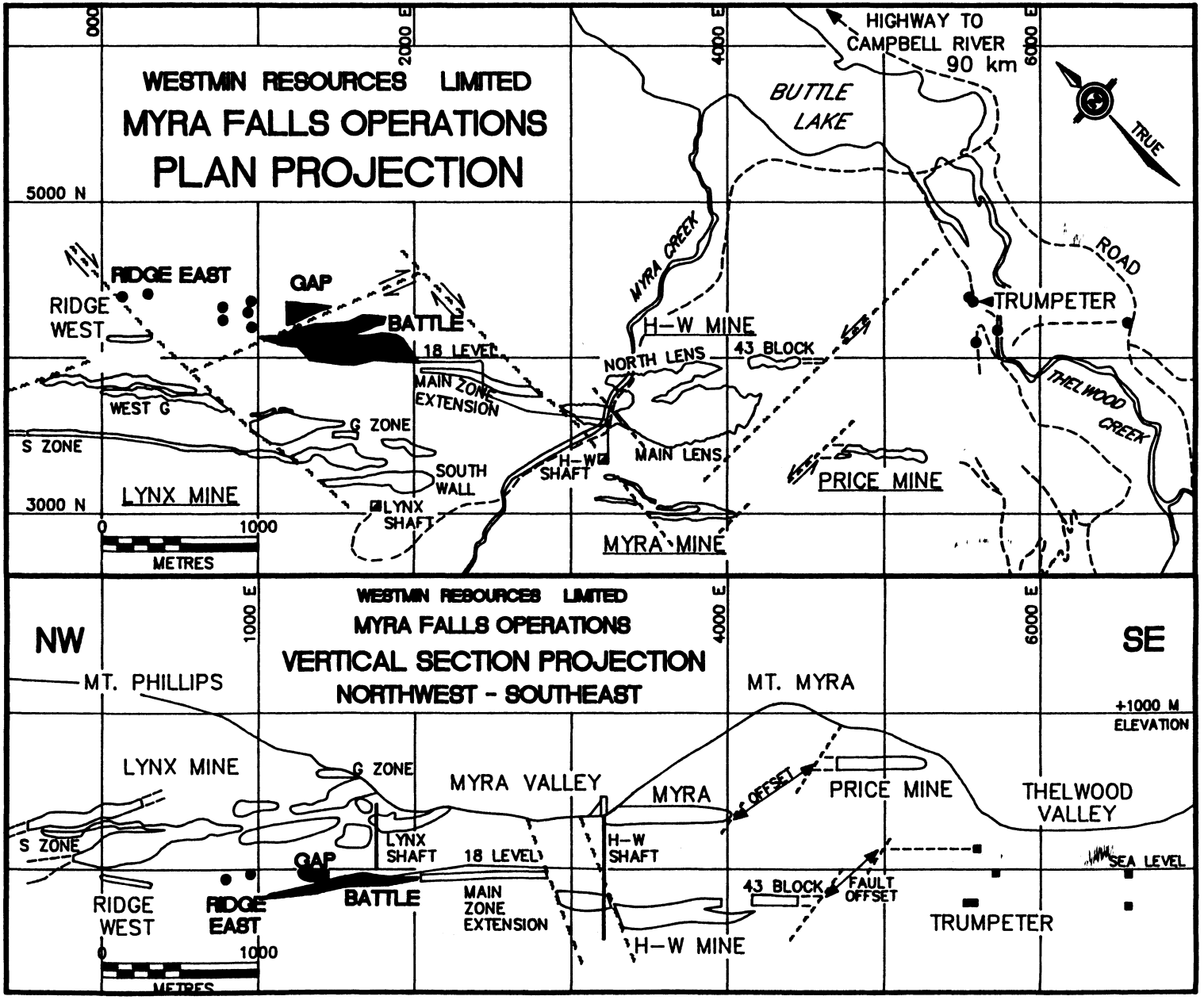
CATEGORY	TONNES	Au	Ag	Cu	Pb	Zn
		g/t	g/t	%	%	%
Probable	1,279,000	1.3	23.0	2.9	0.4	13.3
Possible	1,067,300	1.2	23.8	3.0	0.4	13.5
Potential	672,100	1.3	26.3	3.0	0.5	16.2
TOTAL	**3,018,400**	**1.3**	**24.0**	**2.9**	**0.4**	**14.0**

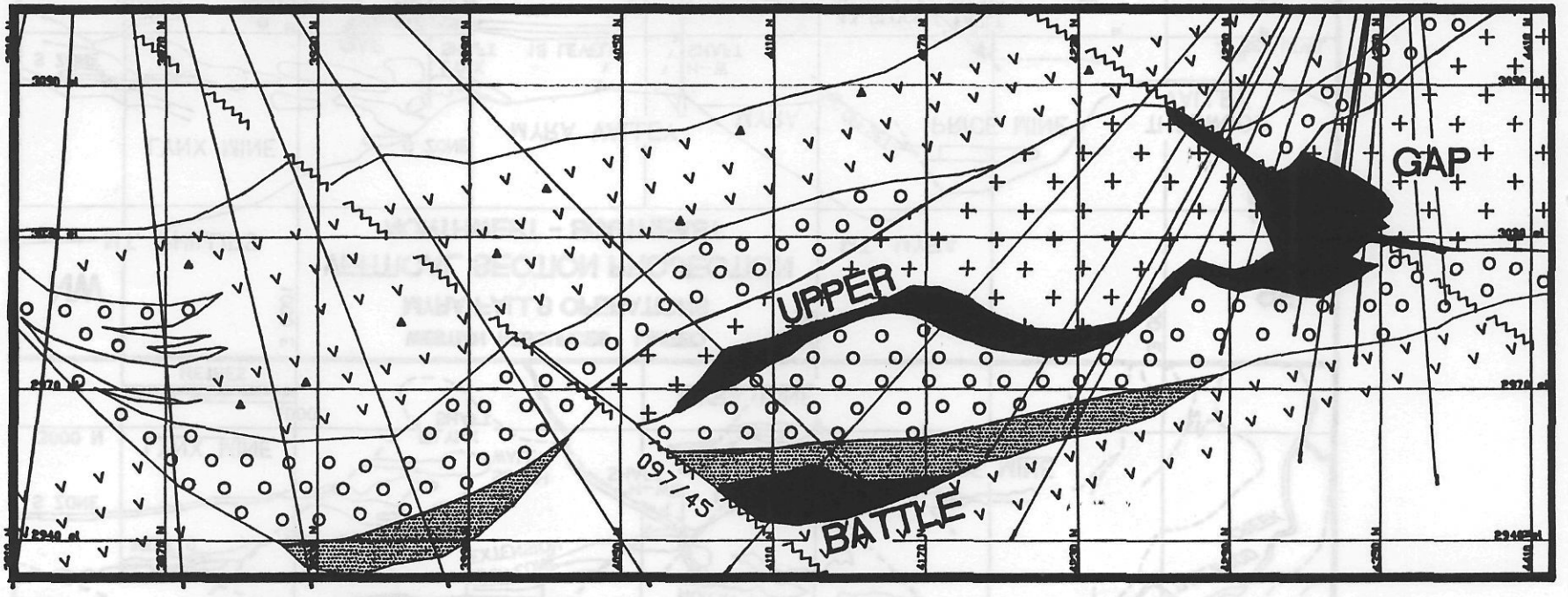
LYNX, MYRA, PRICE, H-W (including Battle-Gap)

CATEGORY	TONNES	Au	Ag	Cu	Pb	Zn
		g/t	g/t	%	%	%
Total Production	13.5	2.3	63	1.8	0.6	5.9
Geological Reserves (Lx, Price, H-W)	12.9	2.1	43	2.1	0.4	6.3

G. Price/Jan 93

est ~ 4 yrs. life of mill feed


WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATIONS
PLAN PROJECTION
2000 E
4000 E
6000 E
5000 N
3000 N
HIGHWAY TO CAMPBELL RIVER 90 km
TRUE
BUTTLE LAKE
MYRA CREEK
ROAD
TRUMPETER
RIDGE EAST
GAP
RIDGE WEST
BATTLE
18 LEVEL
H-W MINE
NORTH LENS
43 BLOCK
MAIN ZONE EXTENSION
THELWOOD CREEK
WEST G
G ZONE
S ZONE
MAIN LENS
H-W SHAFT
SOUTH WALL
PRICE MINE
LYNX MINE
LYNX SHAFT
MYRA MINE
0
1000
METRES
WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATIONS
VERTICAL SECTION PROJECTION
NORTHWEST - SOUTHEAST
NW
SE
1000 E
4000 E
6000 E
MT. PHILLIPS
MT. MYRA
+1000 M ELEVATION
LYNX MINE
G ZONE
MYRA VALLEY
MYRA
OFFSET
PRICE MINE
THELWOOD VALLEY
S ZONE
LYNX SHAFT
18 LEVEL
H-W SHAFT
SEA LEVEL
GAP
RIDGE WEST
RIDGE EAST
BATTLE
MAIN ZONE EXTENSION
43 BLOCK
FAULT OFFSET
TRUMPETER
H-W MINE
0
1000
METRES



S

MASSIVE SULPHIDES
MASSIVE SULPHIDE CLASTS
RHYOLITE VOLCANICLASTIC
CHERT
ANDESITE MASSIVE + VOLCANICLASTIC
QUARTZ FELDSPAR PORPHYRY

0 60
METRES

N

WESTMIN RESOURCES LTD
MYRA FALLS

BATTLE-GAP
SECTION 12+60E