

## COMPARATIVE DATA ON THE BRALORNE-PIONEER MINE, EMPIRE-STAR MINE AND INDATA PROPERTY

Property	Production				Vein Dimensions			District Dimensions		Geology	Structure	Ore Zone Mineralogy
	Tons Mined	Gold Produced	Average Grade	Years In Production	Maximum Strike Length	Maximum Vertical Interval	Widths	Maximum Strike Length	Maximum Vertical Interval			
BRALORNE-PIONEER  Bralorne, B.C.	7.0 million	4.1 million ounces	0.52 ounces/ton	1928-1971 (43 yrs)	5,200 feet	plus 5,000 feet	1 to 20 feet	16,000 feet	6,000 feet	andesitic volcanics diorite intrusives metasediments, granitic intrusives, limestone, ultramafics, serpentinite (Mesozoic aged)	complex faulting associated with major regional fault systems (Cadwallader Ferguson faults)	quartz, calcite, talc pyrrhotite, sphalerite arsenopyrite, antimony minerals, nickel minerals mariposite, scheelite
								nineteen productive veins from fifty-two known veins				
EMPIRE-STAR  Grass Valley, California	not published	plus 6 million ounces	0.25 to 0.50 ounces/ton	1850-1956 (106 yrs)	5,000 feet	7,000 feet	1 to 10 feet	20,000 feet	7,000 feet	andesitic volcanics diorite intrusives granodiorite intrusives amphibolite, ultramafics serpentinite (Mesozoic aged)	complex faults associated with the Motherlode fault system	quartz, calcite, pyrite pyrrhotite, galea, chalcocopyrite, sphalerite tetrahedrite, arsenopyrite, mariposite, scheelite
INDATA  Indata Lake, B.C.	exploration			staked 1983  Discovery Drill Hole 1987	2,600 feet  (open)	tested to 300 feet  (open)	1 to 20 feet	4,900 feet  (open)	tested to 300 feet  (open to depth)	andesitic volcanics diorite, metasediments granodiorite intrusives monzonite, limestone ultramafics, serpentinite, (Mesozoic aged)	complex faults associated with a major regional fault system (Pinchi Fault)	quartz, calcite, pyrite pyrrhotite, chalcocopyrite sphalerite, tetrahedrite arsenopyrite, antimony bismuth & nickel minerals mariposite, scheelite

- REFERENCES: 1) GAC - Field Trip Guidebook, Vol.1, May 1983 - Bellamy, J.; Saleken, L.W.;  
GAC Fieldtrip - Bralorne Gold Mine (pages 22 - 39)
- 2) Clark, William B.: March, 1984; California Division of Mines and Geology,  
Sacramento; Bulletin 193; Excerpts from Gold Districts of California
- 3) B.C. Ministry of Energy, Mines and Petroleum Resources; February 1986;  
Preliminary Map No. 64, Gold in British Columbia; compiled by T.G. Schroeter and A. Panteleyev