

PF: 104B 191

104B 99, 101, 181,  
188, 191, 192, 194,  
198, 278

Property/Project

019391

Authors

John Kowalchuk

Name : KERR  
NTS : 104 B/8  
Claims : Kerr 7-104 (not inclusive)  
Tedray 13

Acreage: 6,000 hectares  
Commodities: Cu, Au

Agreements

Placer Dome purchased 100% of Sulphurets Gold Corp.,  
the owner of the property.

History

Past Exploration Techniques	By Whom	Amount	Type	Cost
1983-1989	Western Canadian Mining	9,748 m of drilling	geochem, geology, geophysics, diamond drilling	\$4 Million
1990	Placer Dome	14,800 m	diamond drilling	\$3.5 Million

Past Development (if any)	By Whom	Amount	Type	Cost
None				

Past Production (if any)	By Whom	Tonnage(s)	Method	Grade
None				

Reasons for shut-down

Geology

Regional Jurassic Hazelton volcanic and sedimentary package, intruded by Jurassic and Cretaceous monzonite and granodiorite.

Local Lower Jurassic, Unuk River Formation volcanic sediment and tuff. Intruded by Feldspar Porphyry dykes along a strong north-south shear. Mineralization and alteration controlled by the shear.

Alteration/  
Ore Forming Minerals

Strong phyllic alteration along shear zone. High grade mineralization related to strong silicification and quartz veining. Mineralization consists of pyrite, chalcopyrite, bornite, chalcocite, covellite, native gold.

Current Exploration Results

19 -19

100010

i ) Geology

ii ) Geochemistry

iii) Geophysics

iv ) Sampling

Reserves:	Geological, possible, probable and/or proven	geological	126,000,000 tonnes
	Number of zones	large shear	
	Number of sample points	134 holes	
	Average grade	0.61% Cu, 0.27 g/t Au	
	Average thickness	100 m	
	Cut-off grade	0.3% Cu	

Costs:	Recent exploration costs, i.e. (relating to above)	\$3.5 M in 1991
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	Projected exploration costs of program to development (if any)	several million
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	Projected development costs given positive economics	n/a
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	Projected operating costs given positive economics	n/a
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