

104B 191

019390

ISKUT/Kerr/Cu-Au

1989 "SNAPSHOT" REVIEW FORM

Property/Project

Authors

Name : KERR
NTS : 104B8
Claims : KERR 7-10,12,15,41) 178 units
KERR 99-104)

Robert S. Hewton

Brian P. Butterworth

Acreage: 7225 Acres
Commodities: Cu, Au, Ag.

Agreements The property is 70% owned by Western Canadian and 30% by Sulphurets Gold Corporation.

spend \$2M / 39 drill holes
staked based on gossan, gold geochem

History

Past Exploration Techniques

By Whom

Amount

Type

Cost

1984 - 1987 Sulphurets Gold Corporation and Western Canadian Mining Corporation 1794 m Prospecting, mapping, geochemistry, trenching, diamond drilling. \$ 978,000

Ppy-style deposit

Past Development (if any)

By Whom

Amount

Type

Cost

NONE

Past Production (if any)

By Whom

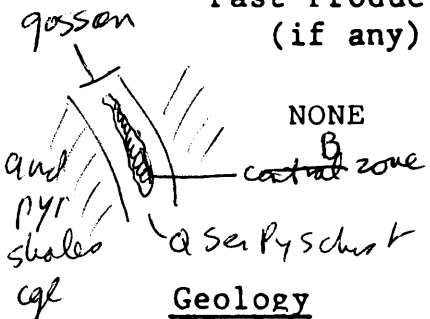
Tonnage(s)

Method

Grade

NONE

open down dip / open pit table



wild guess ~ 60M tonnes possible Reasons for shut-down

Geology

Regional

Hazelton Group rocks of the Stewart Complex near the western edge of the Bowser Basin and east of the Coast Plutonic Complex have been divided into 5 subunits. All have been intruded by Cenozoic plutonic and subvolcanic intrusive rocks.

Local

Lower Jurassic Unuk River (of the Hazelton Group) intermediate volcanic flows bound a central sequence of westerly dipping felsic to intermediate pyroclastics that have been cut by 5 dominant north-south trending, westerly dipping faults.

Alteration/

Ore Forming Minerals

Chalcopyrite with lesser chalcocite, tennantite and bornite occur as disseminations and veinlets in a quartz pyrite-sericite schist. Controls to the mineralization are poorly understood.

epi tennantite bn erargite

Current Exploration Results

1987-1988

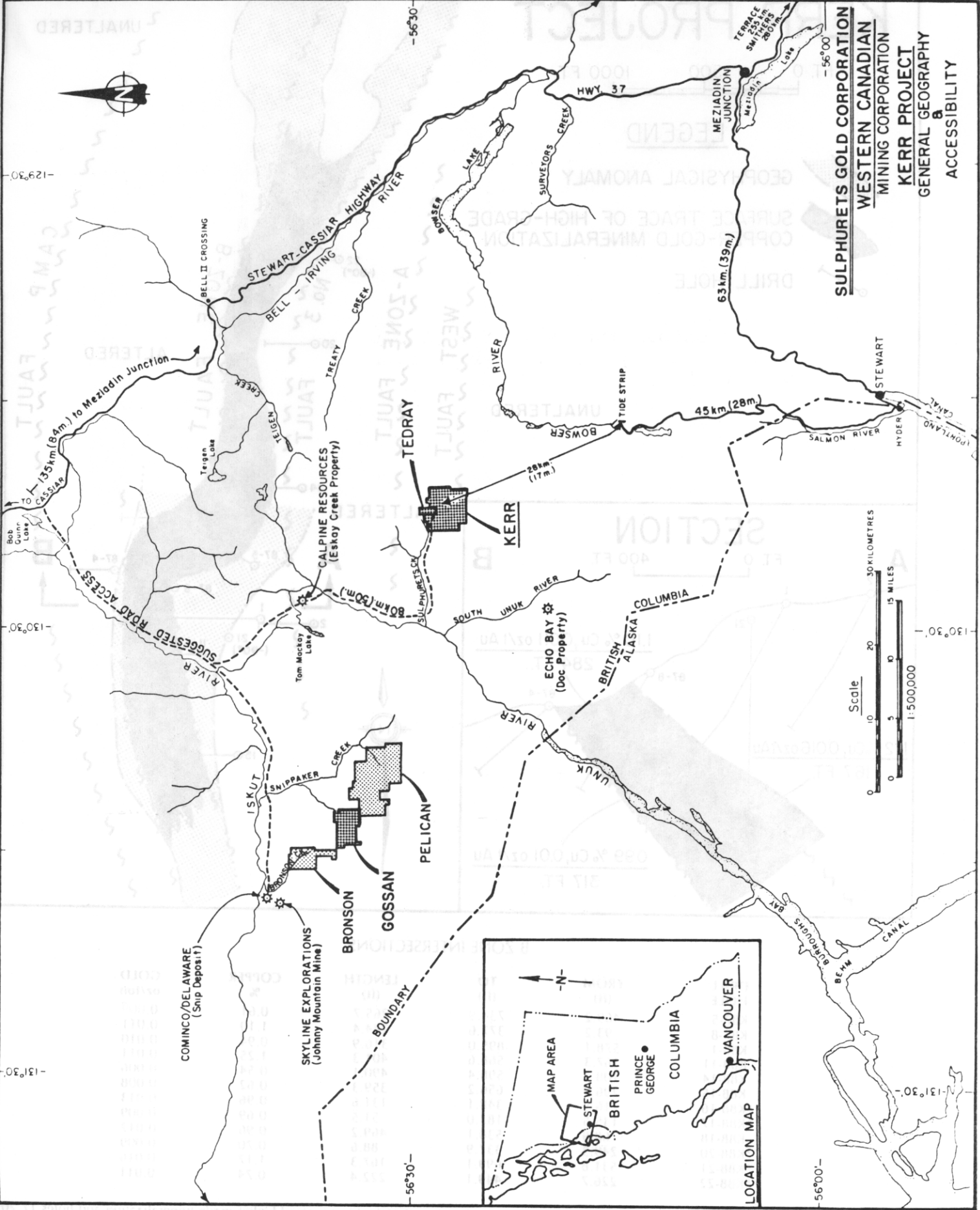
i) **Geology** An area referred to as the Alteration Zone comprises quartz pyrite sericite schist bounded by fresh intermediate pyroclastic rocks. The Alteration Zone is subdivided into 4 domains by 5 north-south trending faults. Each domain has its own style of alteration and mineralization, the two most important being the A Zone, with high grades of base and precious metals over narrow widths and the B Zone, with extensive porphyry-type copper-gold mineralization.

ii) **Geochemistry** The Alteration Zone is anomalous for gold, in fact, a contour interval of +700 ppb Au is required to develop trends. Cu, Ag, Pb, Zn also show patterns within the zone but appear to be related to secondary mineralization, downhill migration, or ground water movement. The B Zone high grade mineralization does not have an obvious soil anomaly.

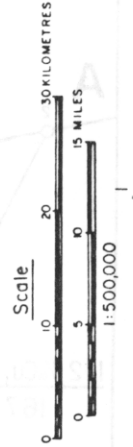
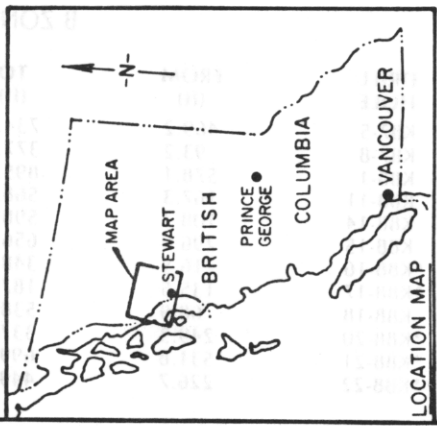
iii) **Geophysics** Induced polarization has been effective in outlining the B Zone copper mineralization. An anomaly of low resistivity, high chargeability (high metal factor) is coincident with the B Zone. The anomaly continues 600 m north of the drilling and is still open. Magnetic surveys and VLF have not been useful in understanding the controls to mineralization.

iv) **Sampling**

Reserves:	Geological, possible, probable and/or proven	60 million tonnes geological
	Number of zones	1
	Number of sample points	12 drill holes
	Average grade	0.86% Cu 0.342g Au/t
	Average thickness	100 m
	Cut-off grade	0.3% Cu
Costs:	Recent exploration costs, i.e. (relating to above)	\$ 1.0 million
	Projected exploration costs of program to development (if any)	\$ 5.0 million
	Projected development costs given positive economics	\$ 200 million
	Projected operating costs given positive economics	N/A






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KERR PROJECT
GENERAL GEOGRAPHY
ACCESSIBILITY

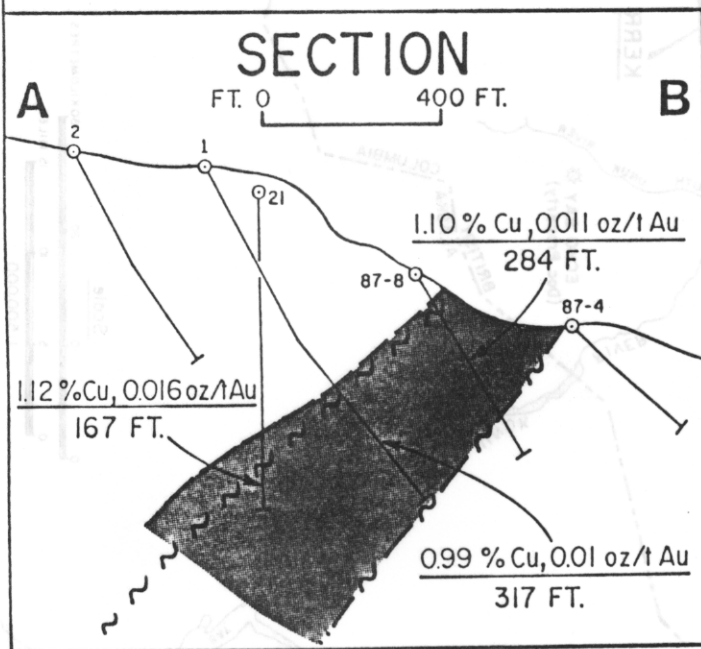
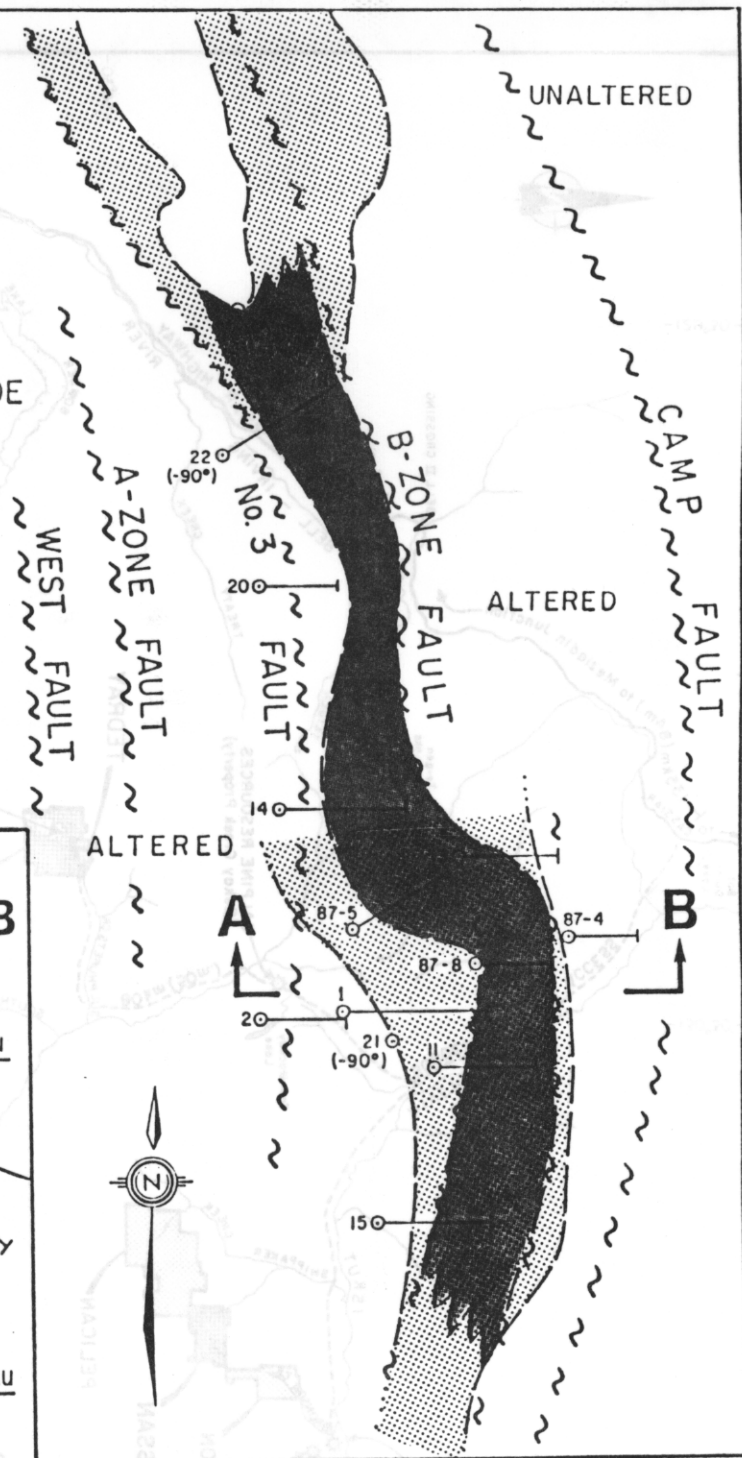


KERR PROJECT

FT. 0 500 1000 FT.

LEGEND

-  GEOPHYSICAL ANOMALY
-  SURFACE TRACE OF HIGH-GRADE COPPER-GOLD MINERALIZATION
-  DRILL HOLE



B ZONE INTERSECTIONS

DRILL HOLE	FROM (ft)	TO (ft)	LENGTH (ft)	COPPER %	GOLD oz/ton
K87-5	469.2	734.9	265.7	0.61	0.009
K87-8	93.2	377.6	284.4	1.10	0.011
K88-1	578.1	895.0	316.9	0.94	0.010
K88-11	167.3	568.6	401.3	1.25	0.011
K88-14	108.3	598.4	490.1	0.54	0.006
K88-15	296.9	656.2	359.3	0.62	0.008
*K88-16	216.5	348.1	131.6	0.96	0.013
*K88-17	135.5	187.0	51.5	0.69	0.009
K88-18	68.9	538.1	469.2	0.96	0.012
*K88-20	249.3	337.9	88.6	0.70	0.009
*K88-21	531.8	699.1	167.3	1.17	0.016
*K88-22	226.7	449.1	222.4	0.74	0.011

*Note: Drill holes 16, 17, 20, 21 and 22 all ended in mineralization. Holes 16 and 21 had just entered higher grade mineralization and holes 17, 20 and 22 bottomed just before reaching projected higher grade mineralization.

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