021810

(1989

PROPERTY NAME: **Tam O'Shanter** NTS: 82 E/2

OWNER: George Stewart / Houston Metals
Greenwood, B.C.

Lat: 49° 05'
Long: 118° 45'

CLAIMS: Tam, Hot, Shanter, Mother, Lode, Tom O'Shanter RCG, Iva Lenore RCG, Buckhorn RCG, Ingram 1-2, Jolly, Taxpayer (116 units)

LOCATION AND ACCESS: The Tam O'Shanter property is located about 4 kilometers west of Greenwood. Access is via the Motherlode Creek Road. The property can be reached by taking either the turnoff at km 2 or that at km 8.

SUMMARY OF FIELD VISIT: The Tam O'Shanter property covers an area mapped by Church (1986) and Little (1983) as being underlain by Tertiary volcanics and sediments (see attached map). The Deadwood Ridge fault strikes North through the property, forming the eastern margin of the Toroda Creek graben. Alteration on the property is associated with this fault. The Tam O'Shanter property was visited on September 15, 1989.

Alteration consists of silica flooding, brecciation and chalcedonic veining, with local fine disseminated pyrite, in the tuffaceous sediments of the Kettle River Formation. The zone is at least 30 metres wide and exposed in outcrop, road cuts, old pits and shafts for a strike length of about 500 metres. It is likely that the zone could be extended in length by further trenching. The property has received little attention recently, perhaps because gold values from surface samples tend to be low. Three diamond drill holes were drilled in 1979 to test the system at depth and values to 500 ppb Au were returned from core samples (see attached

report by Stewart, 1980). Minor addition drilling was recently don on the property by Houston Metals.

Four samples were collected from silicified brecciated and chalcedonic veined Kettle River sediments.

SAMPLE LOCATIONS AND RESULTS:

		Au ppb	Ag ppm	Hg ppb	As ppm
BCS 18179	cherty bx from shaft dump	22	1.8	5	21
BCS 18180	silic sst from shaft dump	9	0.7	30	11
BCS 18181	strongly silic, bx sed., 5% py	220	10.8	5	25
BCS 18182	silic sst	10	0.5	5	8

RECOMMENDATIONS: The Tam O'Shanter property is an excellent example of epithermal alteration associated with a major graben boundary. Although gold values on surface are low, the potential for higher grade values deeper in the system is good. The system is a reasonable size at present and open both along strike and at depth. In my opinion, as an early stage epithermal system, the Tam O'Shanter property has very good potential.

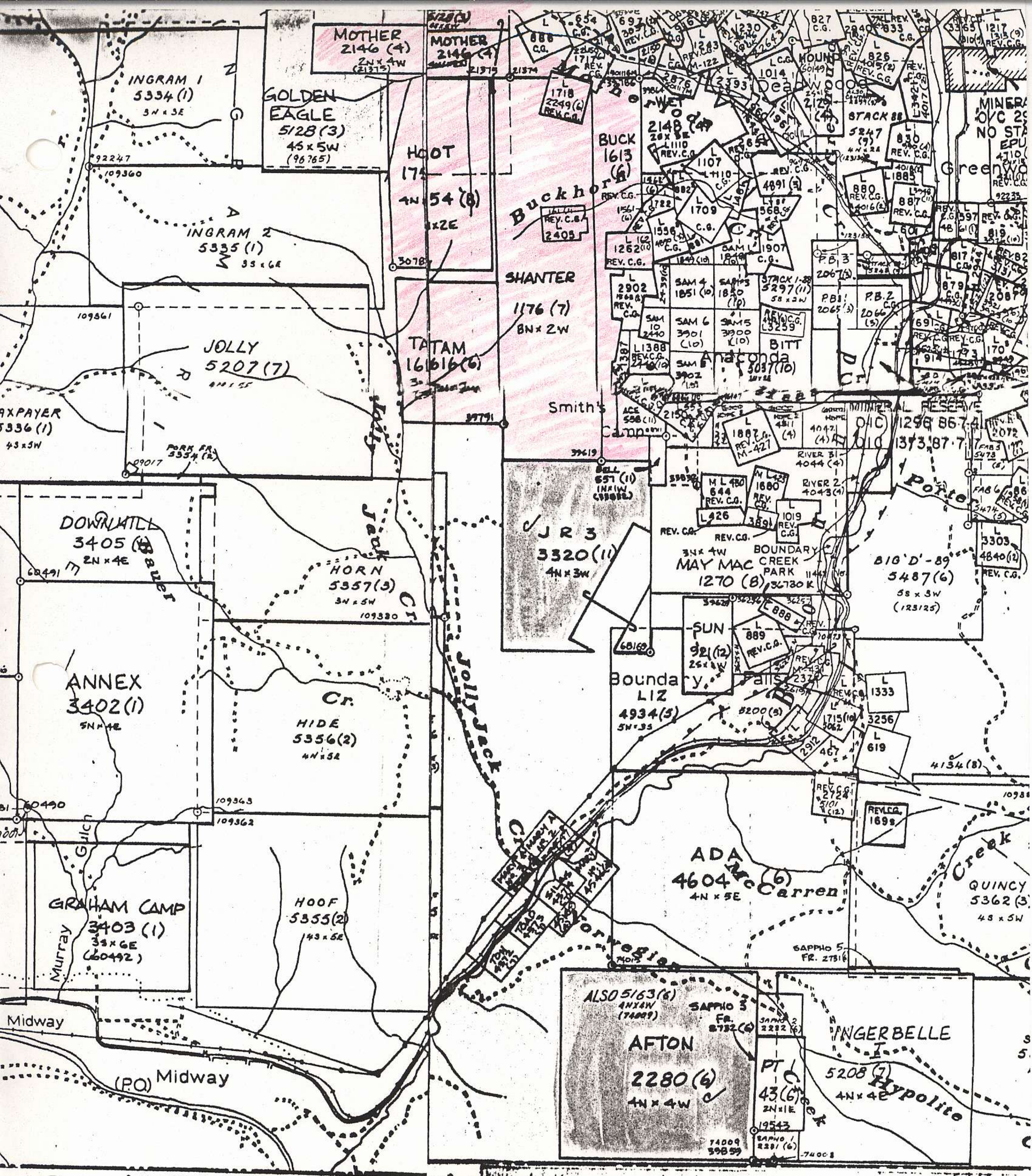
REFERENCES:

Church, B.N., 1986. Geological Setting and Mineralization in the Mount Attwood - Phoenix Area of the Greenwood Mining Camp, BCDM Paper 1986 - 2

Little, H.W., 1983. Geology of the Greenwood Map Area, British Columbia, GSC Paper 79 - 29

Stewart, G., 1980. Diamond Drilling on the Tam O'Shanter Property. Assessment Report 8795

L.Lee
Sept 17/89



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Tam O'Shanter Property

82 E/2
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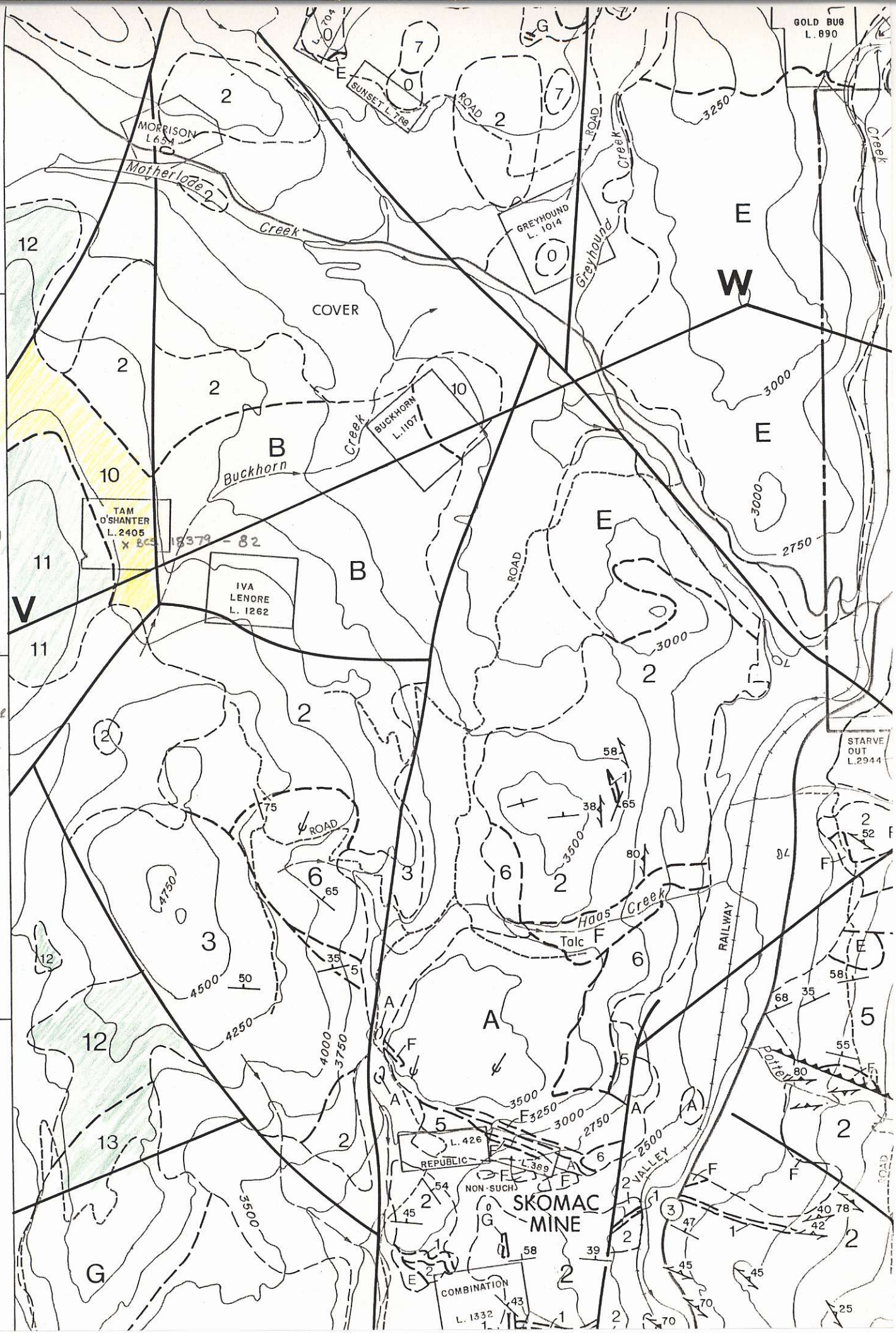
...is prepared to serve as a guide ...ositions of located mineral claims ...placer mining ...

For up-to-date information on

DEPA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...urch, 1986
BCDM Paper
86-2
13 12 11 Marron Fm
10 Kettle River Fm
7-9 Brooklyn Group
3-6 Attwood Group
1-2 Knob Hill
H - Coryell
G - Tert Dior.
C+ Cret Intrusive
A-B Trias. Intrus
GOLD BUG L. 890
SUNSET L. 798
MORRISON L. 654
Motherlode Creek
GREYHOUND L. 1014
Greyhound Creek
COVER
BUCKHORN L. 1107
Buckhorn Creek
TAM O'SHANTER L. 2405
X BCS 18379 - 82
IVA LENORE L. 1262
ROAD
STARVE OUT L. 2944
Haas Creek
Talc
RAILWAY
Potter
REPUBLIC
L. 426
L. 389
NON-SUCH
SKOMAC MINE
COMBINATION
L. 1332
VALLEY