3D resistivity mapping

Prospective 3D mapping areas

A

B

wetland

C

STRUCTURE TREND

?

?

11

7

Hg

?

46 sq. mi.

T1: 9 sq. mi.
Completed 3D resistivity mapping

no drillholes

SLEEPER MINE

?

100

101
102
103
103
104
105

107

TKg intrusive

D

27 sq. mi.

Basque Mine

T2: 12 sq. mi.
5 drillholes

SURFACED
PLACER CLAIMS

108

RAILWAY CLAIMS

Prospective 3D mapping areas

E

?

50 sq. mi.

STRUCTURE TREND

3 miles

F

28 sq. mi.

RAILWAY CLAIMS

SANDMAN PROSPECT

Sulfur

RAILWAY CLAIMS

Sulfur   Silver

13

SLEEPER MINE
x2 map scale

- orebodies
- silica zones
- alteration envelope

We estimate that the size of the measurable resistive signature of the Sleeper system could be as large as 1.5 by 2.5 miles.

Example of 3D survey strategy results:

Area T1:
Tested to >1 mile depth. No anomalies = no drilling. Abandon and use budget elsewhere.

Area T2:
Five drillholes tested the centers of resistive anomalies. All are granitic units. (There are outcrops of similar granite to the east.)

All holes report Au at background levels only.

Rocks in the four northern holes are unaltered, with minor weathering.

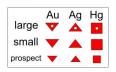The southern hole has secondary silica, and elevated geochemical indicators.

Conclusions:
1. Drop Area T2
2. Consider extending the survey coverage SW along the Sleeper trend and SE toward the Sandman area.

Legend

staked, 1994. Present status unconfirmed

P — patented

R — railway claim

	Au	Ag	Hg
large	▽	▲	■
small	▼	▲	■
prospect	▼	▲	■

23 — Each section = 1 sq. mile

Large scale epithermal systems demand *large scale* imaging solutions. 3D resistivity provides wide-spacing true 3D mapping to 1-2 miles depth, over 10, 20 or 200 square miles of prospective ground.   Historical cost (1992-1996), per square mile : **<US$15K,** for 600x750' survey grids.

Note: One-sweep turnkey GPS stake/grid/survey services are available, with 30-45 day turnaround time to finished 3D results.

Over 20 sq. miles in an area, discounted charges may apply. Rougher or non-ATV areas cost more. Wider grid spacings cost less; tighter grids cost more. No area on earth is too rough. BLM-friendly "fragile environment" (e.g. desert tortoise area) surveys are available. Shared cost/risk JV proposals considered.

Epithermal Gold Exploration
Example of Field Strategy

Area selection criteria:

- In prospective epithermal territory
- Near a productive area or on a trend
- Not saturation drilled
- Covered by debris, alluvium, barren units
- *Possibility* of a suitable host or structure