

781

BC-781

LIBRARY
SCHOOL OF MINES
COLORADO SCHOOL OF MINES
GOLDEN, COLORADO

State Belt Dry Placers
Pinal Co, Ariz

BRIEF DESCRIPTION OF STATE BELT DRY PLACERS.

Extent:- 320 acres.

Its occurrence:- Lying in and adjacent to a state belt passing through the property which from small veins by erosion has freed its gold and deposited it in the numerous ravines gulches and slopes.

State belt characteristics:- Regularly stratified. Pitch perpendicular. Formed of silicified chloritic and Talcose slates.

Its length:- Over one mile. Its width:- 50' to 200'.

Depth of deposit:- 5" to 10' (slope depth unknown) in the ravines and gulches.

Grade of ravines and gulches 5% to 10%.

Character of deposit:- Soil, broken bed rock and slates. Easily separated by trommel or grizzly.

Access:- Wagon roads to all of deposit.

Ry point:- Prescott 9 miles distant.

Rural mail route:- 1/4 mile.

Telephone line:- passes through property.

Past workings and yield:-

Conveying by wheelbarrow 1500' to 2000' washing same by rack

Yield per day 150 gross.

Quantity worked 1/2 cubic yard - \$3.00 per C.Y. The material so worked was as nearly as possible selected, which was extremely difficult as general appearance does not differ.

Belts of Talcose slates occur at frequent intervals and seem to be concentrates of the freed gold. They are our guides to an extent to the richest deposits.

The ravines show no sign of water conveyance: The Gulches slight incline.

Expense of conveying material to concentrators by scrapers 5 to 10 cents per cubic yard based upon 200' of transportation.

Concentrates should be portable.

Sincerely

C. E. Brown, E. M.

c/o Walker Stage,

Prescott, Ariz.

M. B. S. H.