Pegmatite float

Pegmatite float

Pegmatite float

Electric mica

OLD PIT

Pegmatite float

Old camp

MUSCOVITE MINE

OLD PIT

CUT NO 1

ROAD

TRUE NORTH

MAGNETIC NORTH

22° 30'

LOWER TUNNEL

A

A'

CUT NO 2

Supposed position of upper tunnel (caved)

CUT NO 3

PORTAL (caved)

CUT NO 4

APPROXIMATE BOUNDARY AFTER U.S. BUREAU OF MINES MAPS

DOERR PROPERTY

GILLIS LEASE

LOWER TUNNEL

PORTAL Elev floor 3532'

CUT NO 5

CARLSON TUNNEL

CUT NO 6

Position of road approximate

New camp

ROAD

SURFACE MAP

Coarse quartz

A

A'

Aplite cuts schist

Quartz

Quartz 6"

Aplite 12" cross-jointed

Massive white quartz

Fault cuts across schist

White quartz cross cutting schist 12"

Schist crumpled, spots of peg.

Quartzose aplite 2"

Basalt sill

Quartz 2"

Pegmatite 12"

Quartz stringers total 6"

PLAN OF LOWER TUNNEL

EXPLANATION

Basalt sill

Quartz

Coarse to medium-grained albite-quartz pegmatite

Fine-grained feldspathic pegmatite

Albite-quartz-muscovite (sheet bearing) pegmatite

Aplite dikes and sills

Mica schist

Mica gneiss

Contact, showing dip, dashed where approximately located

Fault, showing dip

Strike and dip of foliation

Limit of exposure

Rim of excavation

Bulldozer trench

Underground workings

Dump

CUT NO 2

Soil

A

A'

Pegmatite probably stoped in part above upper level

Supposed position of upper tunnel (caved)

3650

3600'

3550'

3500'

LOWER LEVEL

Crosscut is in schist

CROSS SECTION

3750'

3700'

3650'

3600'

3550'

3500'

A-A'

CUT NO 1

Old stope shows in face

CUT NO 2

CUT NO 3

Pegmatite probably stoped in part

CUT NO 4

Approximate profile of original surface

Length of tunnel unknown

Supposed position of upper tunnel (caved)

CUT NO 5

Pegmatite pinched out in face

CUT NO 6

CARLSON TUNNEL

LOWER TUNNEL

PORTAL

NORTH-SOUTH LONGITUDINAL VERTICAL PROJECTION SHOWING PRINCIPAL WORKINGS

MAP AND SECTIONS OF DOERR AND GILLIS LEASE, LATAH COUNTY, IDAHO.

50 0 200 Feet

Contour interval 10 feet

Datum approximate mean sea level

Geology and topography by W. C. Stoll, 1944

881605 O - 50 (In pocket) No. 2