Rock Chip Samples

SAMPLE LOG



Calavera Claim Area Property, Elko County, Nevada

Section(s) 10,14,15,16 and 22 Township(s) T30N Range(s) R53E

By A. A.Longo/S. E. Monteleone Date October 20, 1983

| SAMPLE NO. | DESCRIPTION | OZ/TON Au | OZ/TON Ag | PPM Cu | PPM Hg | PPM Zn | PPM As | PPM Sb |
|---|---|---|---|---|---|---|---|---|
| 83-SM 476 | Composite grab sample of sub-rounded silicified and brecciated boulders (silicified limestone). Heavy amounts of hematite. | .004 | -.05 | | 1.880 | | 850 | 103 |
| 83-SM 477 | Outcrop sample of argillically-altered rhyolite breccia. Occasional iron-oxide stringers (up to two centimeters). | Trace | -.05 | | .727 | | 5 | -1 |
| 83-SM 478 | Dump sample,of intensely clay-altered volcanic, taken from small prospect pit just below SM-477. Host rock is probably the same as described in SM-477. However, here, fair amounts of grayish lithic fragments mostly of volcanic compositon. Fragments are slightly altered (feldspars to clay). | Trace | -.05 | | 3.050 | | 5 | -1 |
| 83-SM 479 | Clay altered rhyolite to rhyodacitic, crystal-rich ignimbrite. Alteration due to weathering. | Trace | -.05 | | .740 | | 5 | -1 |
| 83-SM 480 | Non-welded to partially welded rhyodacitic tuff pumice rich (small white pumice fragments), crystal-rich (40-45% quartz) divitrified in zones. Slight vapor-phase alteration in some. Goethite on some fractures. | Trace | -.05 | | .070 | | -2.5 | -1 |
| 83-SM 481 | Sample from three places in a small drainage of a Tertiary andesite altered to 100% green smectites. Goethite in fractures of clay. Sample ~300' east of the main basin range normal fault. | Trace | -.05 | | .105 | | 5 | -1 |
| 83-SM 482 | Section 36. Outcrop sample of silicified arkose. Rock fragments are fractured but not rotated. Slight amounts of iron-oxide staining, mostly along fracture surfaces. | Trace | -.05 | | .435 | | 50 | -1 |

Rock Chip Samples



Calavera Claim Area Elko County, Nevada

| SAMPLE NO. | DESCRIPTION | Au OZ/TON | Ag | PPM Cu | Hg | Zn | As | Sb |
|---|---|---|---|---|---|---|---|---|
| 83-SM 483 | Outcrop sample of silicified quartz arkose. Outcrop is locally brecciated and fractured. Abundant hematite in silicified matrix. Iron-oxide staining on surfaces. | Trace | -.05 | | .440 | | 35 | 6 |
| 83-SM 484 | Silicified limestone? highly fractured and locally brecciated. Iron-oxide staining on surface of outcrops. Hematite in fractures. Quartzite fragments throughout. | Trace | -.05 | | 1.140 | | 55 | 9 |

Rock Chip Samples



Calavera Claim Area Elko County, Nevada

| SAMPLE NO. | DESCRIPTION | Au OZ/TON | Ag OZ/TON | Cu PPM | Hg PPM | Zn PPM | As PPM | Sb PPM |
|---|---|---|---|---|---|---|---|---|
| | Sections 34, 35, T30N-R53E - November 2, 1983 | | | | | | | |
| 83-SM 514 | Outcrop sample of intermixed sandstone and conglomerate (Chainman Formation). Scattered pods of clayey hematite (after pyrite) ranging in size from 1 to 20 mm. Possible minor amounts of barite. Minor amounts of clay alteration. | Trace | -.05 | | 2.450 | | 275 | 12 |
| 83-SM 515 | Picked sample of altered conglomerate (same as in SM-514). Clayey hematite pods range up to 40-50 mm. Possible minor amounts of barite. | Trace | -.05 | | 5.950 | | 425 | 32 |

Rock Chip Samples



Calavera Claim Area Elko County, Nevada

| SAMPLE NO. | DESCRIPTION | OZ/TON Au | OZ/TON Ag | PPM Cu | PPM Hg | PPM Zn | PPM As | PPM Sb |
|---|---|---|---|---|---|---|---|---|
| 83-SM 516 | Outcrop sample of partially leached sandy conglomerate. Matrix is principally sand grains with variable amounts of silty clasts. About 10% of the conglomerate fragments are clay-altered (leached). On outcrop surface only voids remain; giving rock a "vuggy" appearance. Sample includes two pieces of iron-oxide coated fracture fillings. | Trace | -.05 | | .820 | | 75 | 4 |
| 83-SM 517 | Outcrop sample of pebbly arkosic sandstone. Rock is slightly silicified (or indurated) and contains minor amounts of hematite. | Trace | -.05 | | 3.550 | | 150 | 20 |
| 83-SM 518 | Picked sample of small outcrop of slightly fractured pebbly arkosic-sandstone. Locally brecciated (and) contains some introduced silica. Moderate amounts of clayey hematite. | Trace | -.05 | | 3.150 | | 400 | 19 |
| 83-SM 519 | Picked sample of slightly fractured sandy conglomerate. Local zones of brecciation and silicification. Moderate amounts of hematite (usually as fracture fillings). | .002 | -.05 | | 3.400 | | 215 | 9 |
| 83-SM 520 | Outcrop sample of a three to six inch brecciated gossan zone (hosted in coarse-grained sandstone). Zone strikes N35°W, and dips 72° SW. | Trace | -.05 | | .395 | | 375 | 8 |
| 83-SM 521 | Near-float sample of silicified fault breccia. Heavy amounts of iron-oxides. Brecciated rock is sandstone. | .005 | -.05 | | 5.000 | | 95 | 14 |
| 83-SM 522 | Outcrop sample of conglomerate. Locally silicified. Minor amounts of iron-oxide staining and very minor calcite. Possibly minor barite. | Trace | -.05 | | .970 | | 200 | 7 |
| 83-SM 523 | Outcrop sample of moderately iron-oxide stained conglomerate. Slightly (?) silicified. Some quartz and iron-oxide veinlets (1 to 2 mm). | Trace | -.05 | | 1.425 | | 200 | 12 |
| 83-SM 524 | Intermixed sample of maroon silty sandstone and hematite vein material (some of which is brecciated). | Trace | -.05 | | .285 | | 200 | 9 |

Calaveras Reconnaissance

Excerpt - Monthly Report by S. E. Monteleone

CALAVERA CLAIM AREA
ELKO COUNTY, NEVADA



Additional prospecting in sections 34 and 35, T30N-R53E was conducted to continue our prospecting traverses around the Calavera claims. Section 34 is an open BLM section; section 35 is privately held. The geology of both sections is similar, Mississippian Chainman Shale is overlain by Pennsylvanian-Permian Diamond Peak Formation. Most of the Chainman in sections 34 and 35 is sandstone, siltstone, and conglomerate. Iron-oxide staining is moderately pervasive throughout the unit.

The most favorable area is a north-trending ridge in the north-central portion of section 35, immediately south of Calavera claims in section 26. The rocks are moderately iron-oxide stained (which gives the rocks a distinct maroon color). Silicification of the siltstone is locally intense; secondary silica also occurs as cross-cutting quartz veinlets (to 2 cm).

Another possible favorable area is the northwest-trending ridge in the northeast quarter of section 34. Outcrops of sandstone and conglomerate along the ridge are moderately iron-oxide stained. Brecciation was noted along the ridge associated with numerous slickensides.

A total of 11 outcrop samples were taken and analyzed for gold, silver, arsenic, antimony and mercury. Two samples contained detectable gold, between 0.002 and 0.005 opt. Arsenic values ranged between 75 ppm and 425 ppm and averaged 237 ppm. Mercury was anomalous (greater than 1 ppm) in seven samples and averaged

2.5 ppm. Antimony was detected in all 11 samples and ranged from 4 ppm to 32 ppm. Silver values were all less than 0.05 opt.

The geochemistry obtained from sections 34 and 35 is interesting. One reason for prospecting this area was to ascertain the origin of good soil sample results along the south end line of section 26. The geochemistry values seem to correspond well with those of the soil sampling.

Depending on our overall feel for the Calavera claims, it may be wise to stake an additional row of claims in the north part of section 34, and possibly think about an option on section 35.

Calaveras Claim area
Locomotive Fib

Monitor Geochemical Laboratory, Inc.

# Certificate of Analysis

Client: Labradex Corporation
1280 Terminal Way #27
Reno, Nv. 89502

Analytical Methods: Au, Ag, Fire Analyses
As, Colorimetric
Hg, Sb, Atomic Absorption

Date: November 7, 1983
Client Order No.:
Invoice No.: 11166 Lab #3271
cc: ATT: S. Monteleone

| SAMPLE # | Au(oz/ton) | Ag(oz/ton) | As(ppm) | Hg(ppm) | Sb(ppm) |
|---|---|---|---|---|---|
| 83-SM-476 | .004 | -.05 | 850 | 1.880 | 103 |
| 477 | Trace | -.05 | 5 | .727 | -1 |
| 478 | Trace | -.05 | 5 | 3050 | -1 |
| 479 | Trace | -.05 | 5 | .740 | -1 |
| 480 | Trace | -.05 | -2.5 | .070 | -1 |
| 481 | Trace | -.05 | 5 | .105 | -1 |
| 482 | Trace | -.05 | 50 | .435 | -1 |
| 483 | Trace | -.05 | 35 | .440 | 6 |
| 484 | Trace | -.05 | 55 | 1,140 | 9 |
| 485 | Trace | -.05 | 40 | 1270 | 2 |
| 486 | .034 | -.05 | 250 | +50,000 | 46 |
| 487 | .024 | -.05 | 550 | 5,700 | 83 |
| 488 | .004 | -.05 | +1000 | 9,050 | 35 |
| 489 | .028 | -.05 | +1000 | 2,595 | 2 |
| 490** | Trace | -.05 | 215 | 1,570 | 4 |
| 490Dupl.** | Trace | -.05 | 55 | 1,555 | 6 |
| 492 | Trace | -.05 | 55 | .795 | -1 |
| 493 | .050 | -.05 | 150 | 4,650 | 106 |
| 494 | .002 | -.05 | 275 | 2,665 | 56 |
| 495 | .002 | -.05 | 55 | 2,590 | 55 |
| 496 | Trace | -.05 | 115 | 1,345 | 24 |
| 497 | Trace | -.05 | 65 | .170 | 9 |
| 498 | Trace | -.05 | 60 | .150 | 5 |
| 499 | Trace | -.05 | 40 | .340 | 6 |
| 500 | Trace | -.05 | 80 | .550 | 15 |
| 501 | Trace | -.05 | 75 | 2,610 | 29 |
| 502 | Trace | -.05 | 475 | 7,800 | 79 |
| 503 | Trace | -.05 | 80 | .955 | 26 |
| 504 | .002 | -.05 | 425 | 1,055 | 139 |
| 83-SM-505 | .004 | -.05 | 75 | 1,240 | 51 |

*Greater than 1000 ppm reported as percent (Assay)
**Break in numerical sequence

52E | 53E

Rain Project drill roads

53E | 54E

T32N

T31N

Jump Spring

Webb Ranch

Cherry Springs

Pine Mtn

Mines

Burnett Hill

Reward Mine

Upper Scott Ranch

Airstrip

Elliott Ranch

Site of Orig Balloon

Bullion

Cissilini

Elliott High Ranch

Hackwood Ranch

Squaw

Rock Springs

Pomeroy Ranch

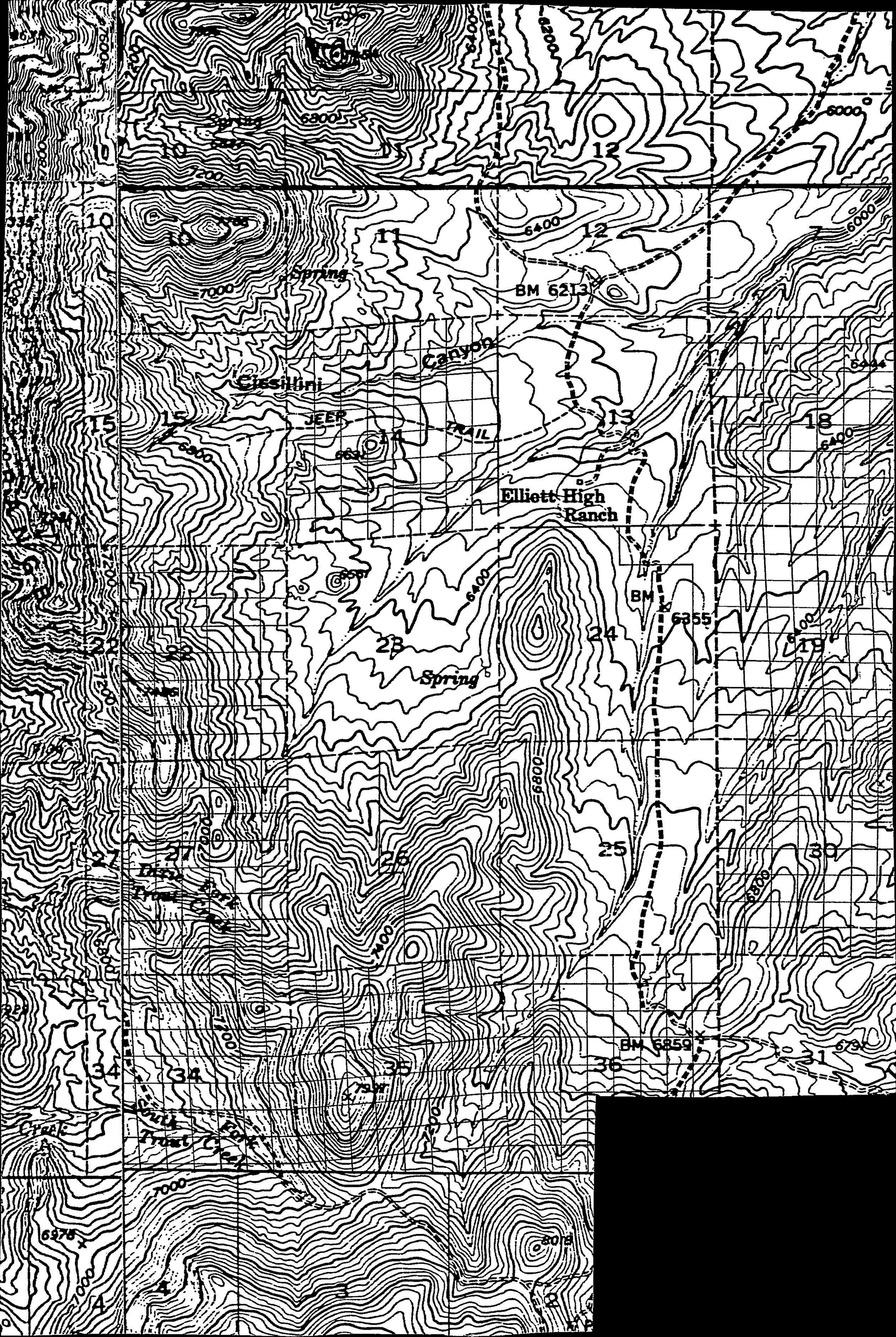
Rand Ranch

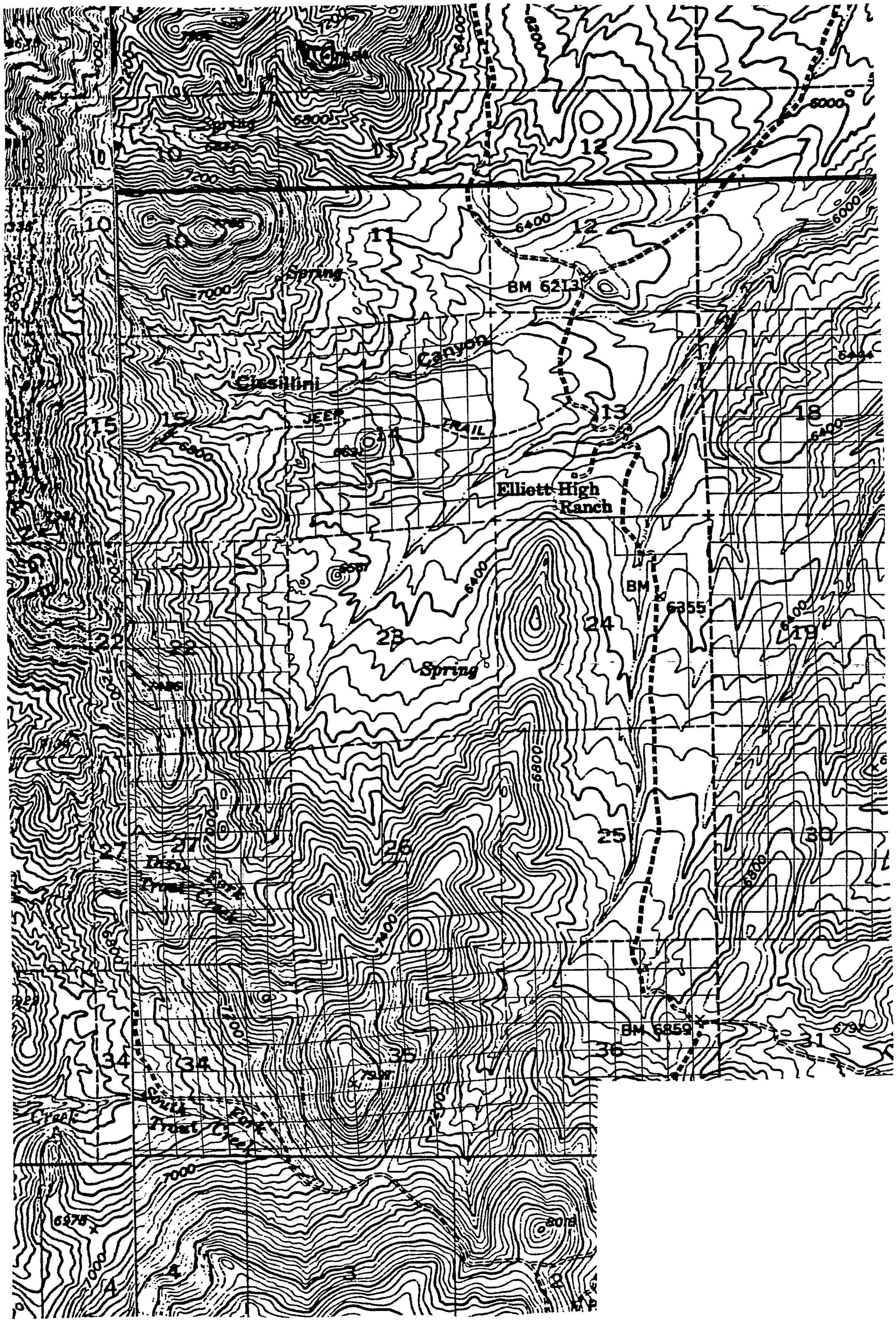
Valley Ranch

Indian Campground

Prospect

much slickenside float material


6300
6200
6000
12
11
6400
12
BM 6213
Spring
7000
Canyon
Cassillini
JEEP
TRAIL
15
14
13
18
Elliott High
Ranch
6400
BM
6355
24
28
Spring
6800
25
30
27
Dark
Trail
Canyon
7200
7400
BM 6859
31
34
35
36
Creek
South Fork
Trail Creek
6976
7000
4
3
2


Spring
BM 6213
Canyon
Cassillini
JEEP
TRAIL
Elliott High Ranch
BM 6355
Spring
BM 6859
South Fork Trout Creek
Trout Creek
6978

Ramp Spring
Webb Ranch
Cherry Springs
Pine Min
Upper Scott Ranch
Elliott Ranch
Star of the Bullion
Bullion
Cissilini
Elliott High Ranch
Hackwood Ranch
Rand Ranch
Indian Campground
Bailey Ranch
Smith Creek
Rock Springs
Prospect
Ferdelford
Trout
Mill
Pine
Creek
Canyon
Spring
Springs
Basin
Mines
Airstrip
Jeep Trail
BM 6213
BM 6859
BM 6861
BM 5602
BM 5140
BM 5163
BM 5043
BM 5101
BM 6355
BM 6933
BM 5934
BM 6390
BM 5480
BM 5545
BM 5691
BM 5773
BM 5853
BM 5892
BM 6133
BM 6252
BM 6018
BM 6795
BM 6800
BM 6802
BM 6827
BM 6663
BM 6624
BM 6436
BM 6400
BM 6200
BM 6150
BM 6600
BM 6509
BM 6483
BM 6482
BM 6462
BM 6454
BM 6445
BM 6444
BM 6400
BM 6378
BM 6376
BM 6328
BM 6299
BM 6225
BM 6220
BM 6200
BM 6190
BM 6164
BM 6148
BM 6135
BM 6134
BM 6130
BM 6083
BM 6042
BM 6036
BM 6000
BM 5964
BM 5950
BM 5906
BM 5887
BM 5820
BM 5800
BM 5766
BM 5746
BM 5735
BM 5720
BM 5700
BM 5680
BM 5650
BM 5640
BM 5600
BM 5590
BM 5560
BM 5544
BM 5504
BM 5502
BM 5501
BM 5400
BM 5383
BM 5378
BM 5366
BM 5343
BM 5338
BM 5334
BM 5330
BM 5326
BM 5324
BM 5322
BM 5320
BM 5318
BM 5316
BM 5314
BM 5312
BM 5310
BM 5308
BM 5306
BM 5304
BM 5302
BM 5300
BM 5298
BM 5296
BM 5294
BM 5292
BM 5290
BM 5288
BM