URBD 40317 GEOLOGY

FIELD MAPS: SOUTH RIDGE WEST 1"=100',
MAYNARD, 1990

60008647

SOUTH RIDGE
WEST #1

SOUTH RIDGE
WEST #2

478,000 E

220,200 N

18 ϕ 20

20 ϕ 24

densely welded Td

green tuff, epiclastic

C05019

SOUTH RIDGE ADIT #2

Td on

65

73

Td 68

sphenlite geode

calcite float

L10/1100SE

Green tuff float

62

"chaley" welded tuff

35

29

SOUTH RIDGE
WEST #3

CLAIM POST

22 @ 24
CLAIM POST
(APPROX)

Td
float

Td float

Td float

Tb floor
or
Qcof
Tb

Td
float

Td

53
Tb

38
Tb

GABBRO PEGMATOID STK

BROWN SPARRY CALCITE

54

LAMPROPHYRE DYKE

SOUTH RIDGE
WEST #4

Tdz

Outcrops
float

Qaf

Qaf

C05048

Tdz

7W
6N
14
1800SE

C05047

RL
45

Tdz

12W
8N
10W
6W

24
26

10W

104

Tdz

Qc

Tdz
float
26@2

A
83

13/1900SE

Qc
of Tc,
Tlb

Qc of Tc, Tlb

Tdz
float
6W
12W
10W

Tdz float

Tlb
D

Tlb
float

SOUTH RIDGE
WEST #5

220200

10N

9N

8N

7N

6N

5N

COS018
STRONG JOINT FRONT SET
6" 8X
79
SOUTH RIDGE #3
ADIT APPROX 100' LONG

COS017
Td

Subcrop Td?

RL-44

L14
2100SE

Qc
Td

Subcrop Td Tc?

Tcbx
Td

SOUTH RIDGE WEST #6

2,201,000N

Td float

COSOZO

Ti

L6/700SE

L6/800SE

L6/900SE

80

8' deep

16 18 35 36

5249

L8/700SE
pyrox epiclastic float
Td
L9/1100SE
SOUTH RIDGE WEST #7
Td
L9/1100SE (approx)
1200
1300
1400
CONTORTED FOLIATION
L7/1000SE (approx)
Td float
L8/1200SE
L8/1300SE
37+
N58E 26SE
N55E 78W
Td
5413
Td
48
Tb
L8/1800SE
78
green epiclastic
Tb float

finely laminated tuff

L 10 1300SE

84

33

SPHERULITES FLOAT

L 10 1600SE

VITROPHERE

CAIAN SPHERULITE FLOAT

welded tuff

rare spherulites

CHALCED VEIN FLOAT

Tb float

EYEBALL

Td float

Qc

SOUTH RIDGE

WEST #8

Tb

Tb

Tb

Td

Td

Tb

Tb2

Qc

Tb1

Tb

Tb

Tb

SOUTH RIDGE WEST #9

Tb

Tb 45 66

D U

Tb float

Tb

cobble to bould epiclastics

lithic Tc

Tb

Tb

WEST SADDLE

Tb float tan, recessive unit

graded bedding

47

Tb

green epi bedded

breccia epi

47

39

53

50

43

46

D U FAULT

Tb

-1900

-2000

Qc

L12 22005E

Tc

Tb

poss. landslide block

79

53

Tb

L11 21005E

52

20

Tc

24 26

39 40

Qls

Tb

Tb

very fine grained magnetic Tc

Tc

86

Tc?

Qc

72

poss. flow banding

Tc

Tc

Tc

Tc

autobx

47

Tc

Tc

Tc

20

Tb

Tb

Tb

48

Tc

63

poss. flowbanding

Tb

75

79

57

Qc

Qc

Tb

Tb

D U

Qc

float of Qc of Tc

L11 28005E

Td

Td

39

Tb float RL-43

Tb float

Tcbc

Tb float

Tb float

Tb float

Tb float

Tc ? ground

Tb float

Tb float 2W

Tb

Tb

welded lithic xtl tuff contains lithic tuff

Tb

Tb

Tb

SOUTH RIDGE
WEST #11

4921

Rosebud Can

Td

Tb1

SOUTH RIDGE
WEST #12

N2E
43

Qc

37
38

48
2200 SE

25

Tb1

Qc

43

Tb1

48
2400

18

80

Td

Td

37
38

SOUTH RIDGE WEST #13

Qls

38

38 39

Tb1

Tb2

Tb

Tb1

Tb2

Tb16

Tb16 light tuff

Tb1

Tb2

Tb2

Tb2

Tb

Tb float

Tb float down slope by

Tb2

Qc

Qc of Tc+Tb

Qc

Qc

Qc

Qal

Td

Td

Td

Td

Td

Td float

Td

Td

Td agglomerate bx

Td bx

joints in Td not in Tb1

1-2 tuff w/ graded bedding then 20-30' debris-flow bx

poor outcrop

Tc

Tc?

Tb2

Tb2

Tb2

SOUTH RIDGE
WEST #14

Qc
of Tc

Tbt

Td

Td

12W

Qc
of Tc

12W

39 | 40

CENTER SIDE POST

11/3000

39

6W

9W

Td

Tdz

Qc
Tc
of Tb

12W

Tc

Tb

81

Qc

Qls

64 | Tb

63

Possible N-S saddle

X CO4045

5085

Ql

Ty

all moves up N50°

Slides

53 R/

Very poorly sorted cobble to boulder pyroclastic no bedding noted

66

Tdz

30

Td

CO5015

Azi

CO5046

Tb boulders

Tdz float

Ql

49

CO5044

Non bleached

65

57

Tdz

35

39 | 40

254 | 253

CO5042

75

CO5043

Qc

40 | 41

253 | 251

SOUTH RIDGE
WEST #15

220000

Underground working locations 12/28/98 of entrances

(307) 789-6135
1336 SUMMIT STREET
EVANSTON, WYOMING
82930

UNIVERSITY OF MARS
EXPLORATION

(801) 295-2607
1213 NORTH MAIN
CENTERVILLE, UTAH
84014

STATE PLANE POSITIONS

EXISTING MINE WORKINGS

DESIGNATION	X	Y	Z
BUD # 1	481.717	2.207.624	5,781
BUD # 2	481.683	2.206,338	5,463
DOZER # 1	482,050	2,204,773	5,260
DOZER # 2	482,346	2,204,518	5,373
G.P. # 1	476,577	2.206.413	5,730
G.P. # 2	476,685	2,205,353	5,393
G.P. # 3	478,947	2.208.181	5,737
SOUTHRIDGE # 1	476,222	2.200,587	4,806
SOUTHRIDGE # 2	476.699	2.201.386	5.245
SOUTHRIDGE # 3	480.880	2.201.411	5,453
LUCKY BOY # 2	477,757	2,207,523	5,555
DREAMLAND # 1	478,074	2,207,519	5,493
DREAMLAND # 2	478,589	2,207,283	5,526
DREAMLAND # 3	479,004	2,207.173	5,489
DREAMLAND # 4	479,231	2,207.015	5,584
DREAMLAND # 5	479,874	2,206.995	5,467
DREAMLAND # 6	479,391	2,207,020	5,619
DREAMLAND # 7	479.727	2.206.990	5,519

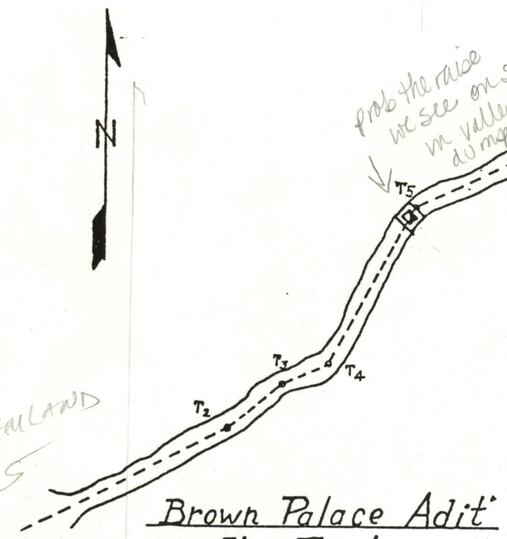
cc: file

BROWN PALACE ADIT
and
ASSAY TABLE

Scale - 1" - 50'

Sebud Mining District, Nevada
B. Seaborn April 4, 1933.

0 50 100 Ft.



Brown Palace Adit
Elev. Track - 0.00'
1" = 50'

Assay Table

Sample	Width	Gold Val.		Silver Val.	Total Value
1.	9"	$ 223.04		7.50	230.54
2.	1.5'	1.24		2.32	3.56
3.	1.7'	1.03		0.38	1.41
4	7"	134.15		3.43	137.58
5.	2.2'	2.07		3.27	5.34
6.	1.0'	64.08		3.78	67.86
7.	5"	10.75	0.4	1.35	12.10
8.	1.0'	30.18	1.2	25.62	55.80
9.	1.0'	11.78	0.4	2.02	13.80
10	1.8'	18.19	0.7	22.73	40.92
11.	9"	55.40	2.1	79.35	134.75
12	1.0'	6.20	0.2	7.05	13.25
13.	12"	492.98	19.0	130.36	623.34
14.	1.9'	1.65	0.06	4.05	5.70
15.	9"	22.74	0.9	1.01	23.75
16.	10'	.21		0.13	.34
17.	10'	.21		.08	.29
18.	4.5'	.41		.11	.52
19.	4.5'	.41		.13	.54
20.	5'	12.19	0.5	.51	12.70
21.	5'	3.72	0.1	.13	3.85
22	4.8'	5.37	0.2	.40	5.77
23	2.2'	1.45	0.06	.30	1.75
24.	3.7'	.62		.19	.81
25	2.7'	3.51	0.1	.27	3.78
26.	2.6'	2.27	0.1	.67	2.94
27.	4.0'	6.82	0.3	.13	6.95
28.	4.8'	2.07	<0.1	.30	2.30
29.	3.2'	1.24		.22	1.44
30	2.9'	0.02		.24	.24
31.	1"	11.20	0.4	.38	11.58
32	2"	55.40	2.1	10.58	65.98
33.		2.07	<0.1	.84	2.91
34.	1"	71.52	2.7	3.75	75.27
35.	1"	37.20	1.4	4.48	41.68
36.		5.58	0.2	2.75	8.33
37.		22.74	0.9	11.80	34.54
38.		3.10	0.1	.78	3.88
39.	3'	7.85	0.3	.37	8.22
40.	5'	1.03		.13	1.16.