

**The Robert E and Peck Mines  
Evaluation Report**

 EXPLORATION

JUNE 8, 1985

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STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building  
Portland, Oregon 97201

Bulletin 61

# GOLD AND SILVER IN OREGON

By

Howard C. Brooks and Len Ramp

1968



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STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building, Portland, Oregon 97201

BULLETIN 88

GEOLOGY AND MINERAL RESOURCES  
OF THE  
UPPER CHETCO DRAINAGE AREA, OREGON

INCLUDING  
THE KALMIOPSIS WILDERNESS AND BIG CRAGGIES BOTANICAL AREAS

Len Ramp, Economic Geologist  
Oregon Department of Geology and Mineral Industries



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1975

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*7 " 34*

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ID	Location	Dir	Dist	Depth	Sample	Weight	Notes	Au	Ag	Pt	Pd	Cu	Pb
B1PR037	Gold Fields	NW	31	37	2,365	9	Massive chromite with serpentinite						
B1PR038		NW	31	37	910	9	Banded disseminated chromite in dunite						
B1PR039		SE	20	37	1,200	9	Hornblende biotite quartz diorite with pyrite						
B1PR040		SW	20	37	1,750	9	Foliated gneissic amphibolite (float)						
B1PR041	Saddle prospect	NW	6	38	2,970	9	Very coarse hornblende plagioclase rock						
B1PR042	Jim Bus prospect	NW	21	37	910	9	Disseminated to massive chromite in dunite	< 0.01		< 0.02	< 0.02		
B1PR043		SE	20	37	1,200	9	Layer of massive chromite in dunite	< 0.01		< 0.02	< 0.02		
B1PR044		SW	20	37	1,750	9	Gneissic amphibolite in diorite						
B1PR045	Q1s	N/NE	29	37	1,450	9	Medium-grained hornblende quartz diorite dike						
B1PR046	(KJd)	NW/SW	21	37	930	9	Serpentinized clinopyroxenite						
B1PR047	Little Siberia	NE/SW	11	38	3,350	10	Pyroxene andesite(?), crystal tuff, and amygdaloidal andesite						
B1PR048	Prospectors Dream	NW/SW	11	38	3,480	10	Chert	< 0.01	0.59	< 0.02	< 0.02	58	13
B2PR001		SE/NE	29	37	950	9	Dark quartz-rich gneissic amphibolite						
B2PR002		NW	4	38	1,960	9	Weathered dark hornblende diorite						
B2PR003		NW/SW	4	38	2,240	9	Dark gneissic amphibolite with some pyrite						
B2PR004		NW/NW	9	38	2,440	9	Medium-grained hornblende quartz diorite						
B2PR005		W/NW	9	38	2,520	9	Medium-grained hornblende quartz diorite						
B2PR006		SW/NW	9	38	2,800	9	Medium-fine-grained graywacke sandstone						
B2PR007		SW/SW	9	37	2,260	9	Iron- and copper-stained serpentinite with minor sulfides	0.22	1.2	< 0.02	< 0.02	20,100	26
B2PR008		S/SW	9	37	2,410	9	Iron-stained metachert	< 0.01	0.30	< 0.02	< 0.02	55	6
B2PR009		NE/SW	28	37	1,445	9	Metachert	< 0.01	0.23	< 0.02	< 0.02	115	14
B2PR010		NE/SW	28	37	1,620	9	Gossan on serpentine contact	< 0.01	0.34	< 0.02	< 0.02	24	8
B2PR011		NW/SE	28	37	1,950	9	Thickly disseminated chromite with talc	< 0.01		< 0.02	< 0.02		
B2PR012		NE/SE	28	37	2,450	9	Disseminated chromite in bleached serpentinitized dunite	< 0.01		< 0.02	< 0.02		
B2PR013		SW/SE	28	37	2,405	9	Hornblende-rich amphibolite						
B2PR014		N/NW	22	37	2,950	9	Fault gouge	0.025	0.24	< 0.02	< 0.02	78	22
B2PR015	(near Eureka Mine)	NE/NW	22	37	2,800	9	Gabbro, diabase, porphyritic andesite						
B2PR016	Carter Creek	S/SW	15	37	2,600	9	Serpentinized wehrlite						
B2PR017	Unnamed prospect	NW/NW	22	37	2,700	9	Siliceous metasediments, in part chert						
B2PR018		SE/SE	16	37	2,620	9	Medium- to fine-grained andesitic and diabasic dikes						
B2PR019		SW/NW	15	37	2,080	9	Brecciated serpentinite gossan	3.5	4.4	< 0.02	< 0.02	5,550	16
B2PR019a		NE/NE	19	38	3,670	9	Massive pyrrhotite and chalcocopyrite	5.2	11.3	< 0.068	< 0.068	156,000	22
B2PR020		N/SW	17	38	3,300	9	Fine-grained andesite						
B2PR021		NW/SW	17	38	3,100	9	Massive chromite	< 0.034		< 0.068	< 0.068		
B2PR022		SE/NE	13	38	4,150	10	Serpentinized olivine-rich harzburgite						
B2PR024	Fall Creek Group	NW/NE	4	38	1,500	9	Medium-grained andesite (float)						
B2PR025	Fall Creek Group	NW/NE	4	38	1,450	9	Volcanic conglomerate including siliceous andesite and amygdaloidal basalt clasts						
B2PR026		NW/SW	5	38	1,650	9	Siliceous metasediment (chert?) with minor pyrite	< 0.008	0.27	< 0.02	< 0.02	162	14
B2PR027	Mohawk	NE/SW	5	38	1,650	9	Quartz fissure with pyrite	0.58	1.20	< 0.02	< 0.02	477	51
B2PR028		NW/NE	5	38	1,025	9	Medium-grained andesite						
B2PR029		S/NW	5	38	1,285	9	Clinopyroxene-rich tuff(?)						
B2PR030		NW/SW	5	38	1,500	9	Argillite	0.016	0.19	< 0.02	< 0.02	278	46
B2PR031		NE/SE	6	38	1,585	9	Sheared serpentinite gossan	0.008	0.64	< 0.02	< 0.02	3,950	24
B2PR032		SE/SE	6	38	1,680	9	Siliceous gossan (10-ft chip sample)	0.048	0.70	< 0.02	< 0.02	1,120	22
B2PR033		NW/NE	5	38	1,270	9	Altered diabase or basalt(?)						
B2PR034		SW/SE	6	38	1,900	9	Brecciated, serpentinitized clinopyroxene-rich diabase from serpentinite vent breccia(?)						
B2PR035		SE/SW	6	38	2,030	9	Pyrrhotite gossan (3-ft chip sample)	2.6	4.45	< 0.02	< 0.02	20,000	19
B2PR036		N/NW	7	38	2,350	9	Massive chromite (grab dump)	< 0.01		0.89	< 0.02		
B2PR037		NE/SE	6	38	1,730	9	Thickly disseminated chromite in serpentinitized dunite	< 0.01		< 0.02	< 0.02		
B2PR038		NW/NW	7	38	2,525	9	Chromite with minor serpentinite	< 0.01		< 0.02	< 0.02		
B2PR039		NE/SE	12	38	3,400	10	Vein quartz in iron-stained metasediments (4-ft chip sample)	< 0.01	0.70	< 0.02	< 0.02	148	45
B2PR040	Jvc, Jsp Stone prospect	NE/SW	12	38	3,600	10	Vein quartz from dump	0.008	0.54	< 0.02	< 0.02	36	8
B2PR041	Chrome King	NE/NE	36	37	3,120	10	Copper-stained serpentinite gossan	0.40	4.6	< 0.02	< 0.02	40,700	14
B2PR042	McCaleb's Mine	NE/SE	11	38	3,280	10	Light-colored quartz diorite with muscovite, urallite, and chlorite						
B2PR043	Pearsoll Mine	NW/NE	2	38	4,600	10	Fine-grained, dark-gray quartz diorite						
B2PR044	Calumet Mine	SE/SW	5	38	2,060	9	Disseminated chromite in dunite	< 0.01		< 0.02	< 0.02		
B2PR045	Calumet Mine	S/S	5	38	1,960	9	Medium-coarse-grained gabbro with minor sulfides	0.013	1.2			126	8
B2PR046	Unnamed prospect	SE/SE	5	38	1,540	9	Light-colored dacite(?) with tremolite						
B2PR048		SW/SE	17	37	960	9	Serpentine gossan (10-ft chip sample)	3.4	11.4	0.068**	0.034**	29,150	33
B2PR049	Jdf	SW/SE	18	37	2,075	9	Siliceous metasedimentary rock; disseminated pyrite (random chip sample)	0.016	3.6	0.034**	0.034**	165	20
B2PR050	Unnamed prospect	NE/NW	20	37	2,110	9	Same as above with more abundant sulfides	0.64	4.3	0.068**	0.034**	10,360	38
B2PR051	gb	NE/NW	13	37	2,600	10	Same, with pyrite chalcocopyrite (selected high grade from dump)	1.1	7.0	0.068**	< 0.02	17,720	167
B2PR052	Jdc	NW/NE	24	38	3,200	10	Coarse-grained, slightly serpentinitized harzburgite						
B2PR053	Jsp Eagle Creek Group	NW/NW	24	38	2,975	10	Olivine-rich harzburgite with disseminated chromite	< 0.01		< 0.02	< 0.02		
B2PR054	Jvc Eagle Creek Group	SE/NW	24	38	2,700	10	Massive chromitite from dump	< 0.01		< 0.02	< 0.02		
B2PR055	Jvc Eagle Creek Group	SE/NW	24	38	2,690	10	Vein quartz and altered rock (4-ft chip sample)	15.7	4.35	< 0.02	< 0.02	144	218
B2PR056	Jvc Eagle Creek Group	SE/NW	24	38	2,710	10	Disseminated to massive pyrite in quartz	0.31	5.3	0.103	< 0.02	374	24
B2PR058	um	NE/NE	35	37	4,870	10	Fine-grained siliceous metasediments with minor disseminated pyrite	0.056	2.4	< 0.02	< 0.02	26	8
B2PR059	um	SE/SW	25	37	4,160	10	Massive chromitite from dump	< 0.01		< 0.02	< 0.02		
B2PR060	um High View prospect	NE/SE	24	37	4,240	10	Massive chromite with serpentinite	< 0.01		< 0.02	< 0.02		
B2PR061	Jvc Robert E. Mine	NW/NE	23	38	2,490	10	Chromitite with chlorite and talc	< 0.01		< 0.02	< 0.02		
B2PR062	Jvc Miller Creek	W/SW	13	38	2,880	10	Medium-grained pyroxene andesite dike						
B2PR063	Jvc	NE/SE	22	38	1,630	10	Partly serpentinitized dunite						
B2PR064	um Bowser prospect	NE/NE	22	38	2,550	10	Massive chromitite from dump	< 0.01		< 0.02	< 0.02		
B2PR065	um Miller Creek	NW/SW	14	38	1,945	10	Massive chromitite with chromium chlorite	< 0.01		< 0.02	< 0.02		
B2PR066	Jsp, Jvc, Hustis pit	SW/NE	14	38	2,480	10	Sheared weathered serpentinite with clay and abundant malachite						
B2PR067	um Uncle Sam	NE/SE	11	38	3,360	10	Chromitite with chlorite and talc	< 0.01		< 0.02	< 0.02		
B2PR068	KJd	N cent.	14	38	2,260	10	Medium-grained pyroxene andesite dike						
B2PR069	um	SE/NE	10	38	3,650	10	Partly serpentinitized dunite						

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## GENERAL GEOLOGY

The Robert E. and Peck mining claims encompass a deformed, metamorphosed, and faulted assemblage of Jurassic meta-volcanic and ultramafic rocks. These units are interpreted to represent tectonically juxtaposed slices of the Jurassic Josephine Ophiolite.

Mineralization is confined to the meta-volcanic rocks and is dominated by structurally controlled quartz veins containing variable amounts of disseminated sulfides; arsenopyrite and pyrite, and free gold. Thickness of the quartz veins vary from several inches up to five feet.

Greenschist grade metamorphism has affected all rocks in the claim group with chloritization, albitization, and liberation of quartz. Carbonatization is also found associated with mineralized structures.

Ultramafic rocks are completely serpentized with the preservation of some relic textures. Mafic and ultramafic rocks cut by zones of intense shearing are completely serpentized and finely foliated.

Analyses of Samples from the Old Robert E. Mine (Miller)

[Tr, trace; N, none detected; --, not analyzed]

No.	Sample		Description	Gold (ounce per ton)	Silver (ounce per ton)
	Type	Length (feet)			
1	Chip--	10.0	Serpentinite-----	N	N
2	do----	10.0	Altered metavolcanics-----	0.01	N
3	do----	10.0	Metavolcanics-----	N	0.01
4	do----	11.0	Metavolcanics with sulfides----	N	.01
5	do----	10.0	Metavolcanics and 6-inch shear zone-----	.03	Tr
6	do----	5.0	Metavolcanics-----	N	.1
7	do----	3.0	Limonitic quartz vein-----	.06	.1
8	do----	3.0	Three quartz veins in metavolcanics-----	.02	.1
9	do----	4.0	Metavolcanics-----	Tr	.1
10	do----	4.0	Two quartz veins with sulfides	N	.1
11	do----	3.0	Weathered serpentized(?) gouge-----	N	N
12	do----	5.0	Metavolcanics and quartz-----	N	.1
13	do----	2.0	Quartz vein north of shear-----	.29	N
14	do----	2.0	Quartz pod-----	.24	N
15	do----	7.0	Altered metavolcanics and quartz-----	N	.1
16	do----	.83	Quartz and sulfides-----	N	.1



Analyses of Samples from the New Robert E. Mine (Old Peck)

[Tr, trace; N, none detected; --, not analyzed]

Sample				Gold	Silver
No.	Type	Length (feet)	Description	(ounce per ton)	(ounce per ton)
1	Chip--	10.0	Metavolcanics with sulfides----	Tr	0.1
2	do----	10.0	Greenstone with sulfides-----	N	.1
3	do----	10.0	Metavolcanics with sulfides----	N	.1
4	do----	10.0		N	.1
5	do----	10.0	Serpentinite in adit wall-----	N	N
6	do----	10.0	do-----	N	.1
7	do----	1.0	Sheared serpentinite-----	0.05	.4
8	Grab--	--	Intrusive rock-----	N	.1
9	do----	20.0	Dump-----	N	N
10	Chip--	12.0	Greenstone-----	Tr	.1
11	Grab--	--	Quartz with sulfides-----	.01	.1

## CLAIM #1

Things of note: Peck workings - Dumps, Portals #3 & #4 levels; Peck cabin; numerous old cabin sites; hydraulic cuts.

Geology: Predominately meta-volcanic of mafic to intermediate composition. Lenses of serpentized ultramafic near portals. The south end of the claim block occupies the north side of an east-west striking fault along Babyfoot drainage. The rocks here are sheared meta-volcanic and ultramafic.

Mineralization: Abundant quartz + carbonate + sulfide ore in dumps of both portals. No surface exposure of mineralization found in outcrop.

Recommendations:

- (1) Use claim #1 as the mill site for gold recovery system.
- (2) Reopen the portals and drifts on levels #3 and #4 to allow geologic reconnaissance and stoping to be carried out.
- (3) North-South soil lines designed to locate parallel structures by geochemical methods.
- (4) Drilling - several possible drill sites for testing the down dip extension of the Peck vein(s). Two holes directed 100' and 200' below level #4, each approximately 400' deep. Both conventional rotary (hammer) and core will be used. Total drilling to equal ~ 800'.

## CLAIM #2

Things of note: Portal & dumps to level #2; Periodic surface exposure of the Peck vein(s), up dip extent from level #3.

Geology: Surface exposure is entirely meta-volcanic of mafic to intermediate composition. Underground geology shows lenses of serpentized ultramafic in fault contact with sheared and chloritized meta-volcanic (Shenor, 1933). Subparallel stress zones in the volcanic

(cont. Claim #2, Geology)

unit contain hydrothermally emplaced quartz + carbonate + sulfide + Gold vein system(s) with related chloritized meta-volcanic. The sulfide mineralization is often disseminated euhedral to subhedral crystals and granular masses of arsenopyrite, pyrite, and chalcopyrite. There is both complex auriferous sulfide ore and free gold, plus or minus silver.

Mineralization: Portal #2 exposes in outcrop the Peck vein as described above. Here the vein is ~ 2' wide with 5' to 10' of strike exposed. Claim #2 covers a majority of the 2000' of drift along the Peck vein(s) with the following attitude and dimensions:

Strike N60-75°E, Dipping 50-80°SE

Level #3 - (300' strike) × (2' avg. width)

Level #4 - (150' + 100' strike) × (3.25 avg. width)

Combined avg. of Levels 3 & 4 using 200' dip extent  
(100' between #3 & #4 plus 50' up and down dip)

$$275' \times 2.8' \times 200' = 154,000 \text{ cu. ft.}$$

Assume that 10 cu. ft. of vein = 1 ton

"Probable Reserves" = 15,400 tons

To calculate the "Possible Reserves" the following assumptions have been made: (a) Extend strike length to the NE by drilling ~ 300', (b) Extend up dip by another 150' and downdip another 200', tested by drilling.

$$\begin{aligned} (275' + 300') \times 2.8' \times (200' + 350') &= \\ 575' \times 2.8' \times 550' &= 885,500 \text{ cu. ft.} \end{aligned}$$

$$\begin{array}{r} 88,550 \text{ tons} - 15,400 \text{ tons} = \underline{73,150 \text{ tons}} \\ \text{Total Reserves} \quad \text{Probable Reserves} \quad \text{Possible Reserves} \end{array}$$

## (cont. Claim #2, Mineralization)

Some other notes of interest about the Peck vein are; the width of the vein appears to widen at level #4, increasing with depth; Shenon '33, describes the vein splitting into two subparallel structures at the #1 raise. One of these arms can be traced across the N-S offsetting structure; the other has yet to be located.

### Recommendations:

- (1) Detailed geology / geochemistry of underground workings.
- (2) Soil lines to locate vein exposures.
- (3) Drilling - Two holes directed at the up dip extension of the Peck vein, each ~ 200' deep. Also two holes to search for the Peck structure east of the N-S offset, approximately 300' deep. Total drilling ~ 1,000'.
- (4) Begin mining, stoping and drifting

## CLAIM #3

Things of note: Open portal with drift in center of block; Main road into property diagonally cuts claim; several sluice areas.

Geology: Meta-volcanic of mafic to intermediate composition. Quartz carbonate vein exposed in sluice, adjacent prospect pits, and drift.

Mineralization: The drift exposes a quartz carbonate vein similar to what has already been described in Claim #2. The quartz here shows heavy conchoidal fracture with  $FeO_x$  staining from supergene percolation. Cross-section shows that this exposure could be the upper extent of the main Peck vein, east of the N-S offset. The following attitude and dimensions were recorded:

Strike N 60-70° E, Dipping 45-80° SE

$$(70' \text{ strike}) \times (1.5' \text{ Avg. width}) \times (60' \text{ dip extent}) = 6,300 \text{ cu. ft.}$$

$$\text{"Probable Reserves"} = \underline{\underline{630 \text{ tons}}}$$

(Cont. Claim #3, Mineralization)

To calculate the "Possible Reserves" the following assumptions have been made: (a) Extend the strike length 100' both in a NE & SW direction; (b) Extend the down dip length by 150'; both (a) & (b) accomplished by drilling.

$$\begin{array}{r} (70' + 200') \times 1.5' \times (50' + 150') = \\ 270' \quad \times \quad 1.5' \quad \times \quad 200' \quad = \quad 81,000 \text{ cu. ft.} \end{array}$$

$$\begin{array}{r} 8100 \text{ tons} - 630 \text{ tons} = \underline{\underline{7470 \text{ tons}}} \\ \text{Total Reserves} \quad \text{Probable Reserves} \quad \text{Possible Reserves} \end{array}$$

Recommendations:

- (1) More detailed geochemistry underground.
- (2) Soil lines designed to follow the strike of vein on surface.
- (3) Drilling - several shallow holes to test down dip extent as well as strike extent. These holes may be combined or coincide with the drilling to test the up dip extent of the Peck Vein. Two holes at ~200' depth. Total drilling ~400'.
- (4) Clean up portal.

CLAIM #4

Things of note: Portion of road to the Robert E. Portal; water ditch taking water from Miller Ck. to Peck side.

Geology: Meta-volcanic of mafic to intermediate composition.

Mineralization: No signs of quartz vein mineralization or other geologic features of economic importance.

Recommendations:

- (1) Several soil lines designed to locate by geochemical methods; (a) any parallel structures to the Robert E. vein, and (b) the western extension of the Robert E. vein as it crosses the NW corner.

## CLAIM #5

Things of note: Portal to Robert E. adit; the road to the Robert E.; an old cabin site across Miller Ck.; Large sluiced areas.

Geology: Meta-volcanic of mafic to intermediate composition on SW half of claim. A contact with structurally emplaced serpentinized ultramafic runs NW diagonally across claim. Ultramafic rocks dominated the NE corner of claim. Mineralized quartz carbonate vein(s) are exposed in sluiced areas, underground, and in roadside outcrop.

Mineralization: The Robert E. adit drifts subparallel to the meta-volc./serpentine contact until hitting an E-W quartz carbonate vein. The description is similar to that of the Peck vein in Claim #2. Several areas of limited stoping exist. The E-W structure crosses the serpentine contact but no quartz is made out here.

Strike East-West, Dipping 80° N

$$(120' \text{ strike}) \times (2' \text{ Avg. width}) \times (100' \text{ dip extent}) = 24,000 \text{ cu. ft.}$$

[100' dip = 50' to surface + 50' down dip]

$$\text{"Probable Reserves"} = \underline{\underline{2,400 \text{ tons}}}$$

To calculate the "Possible Reserves" the following assumptions have been made: (a) The vein outcrop in the road is 700' along strike from the west end of the adit + a possible 200' more; (b) an added 200' down dip; both (a) & (b) documented by drill tests.

$$\begin{array}{rcl} (120' + 900') & \times & 2' \times (100' + 200') \\ 1020' & \times & 2' \times 300' \end{array} = 612,000 \text{ cu. ft.}$$

$$\begin{array}{rcl} 61,200 \text{ tons} & - & 2,400 \text{ tons} = \underline{\underline{58,800 \text{ tons}}} \\ \text{Total Reserves} & & \text{Probably Reserves} \quad \text{Possible Reserves} \end{array}$$

(cont. Claim #5)

Recommendations:

- (1) The tunnel is clear to work; start production by continued drift to west.
- (2) Soil line to test strike length to west.
- (3) Drilling; several shallow holes to follow strike length and several holes to test down dip extent. Four holes totalling approximately 1000'.

### CLAIM #6

Things of note: Semi massive to massive pyritic float in Miller Creek from an outcrop exposed in drainage NE of claim boundary.

Geology: Predominately ultramafic, locally serpentized.

Mineralization: No signs of quartz vein mineralization or other geologic features of economic importance.

Recommendations:

- (1) If water poses a problem for mill operations on Claim #1, Claim #6 may be a possible alternative.

TOTALS

Assume: (1) Avg. Grade .80oz/  
(2) 80% Recovery  
(3) \$300/oz Au

CLAIM #1:

NONE

CLAIM #2:

Probable Reserves = 15,400 tons

= \$2,956,800.00

Possible Reserves = 73,150 tons

= \$14,044,800.00

TOTAL 88,550 tons

\$17,001,600.00

CLAIM #3:

Probable Reserves = 630 tons

= \$120,960.00

Possible Reserves = 7470 tons

= \$1,434,240.00

8100 tons

\$1,555,200.00

CLAIM #4:

NONE

CLAIM #5:

Probable Reserves = 2,400 tons

= \$460,800.00

Possible Reserves = 58,800 tons

= \$11,289,600.00

61,200 tons

\$11,750,400.00

CLAIM #6:

NONE

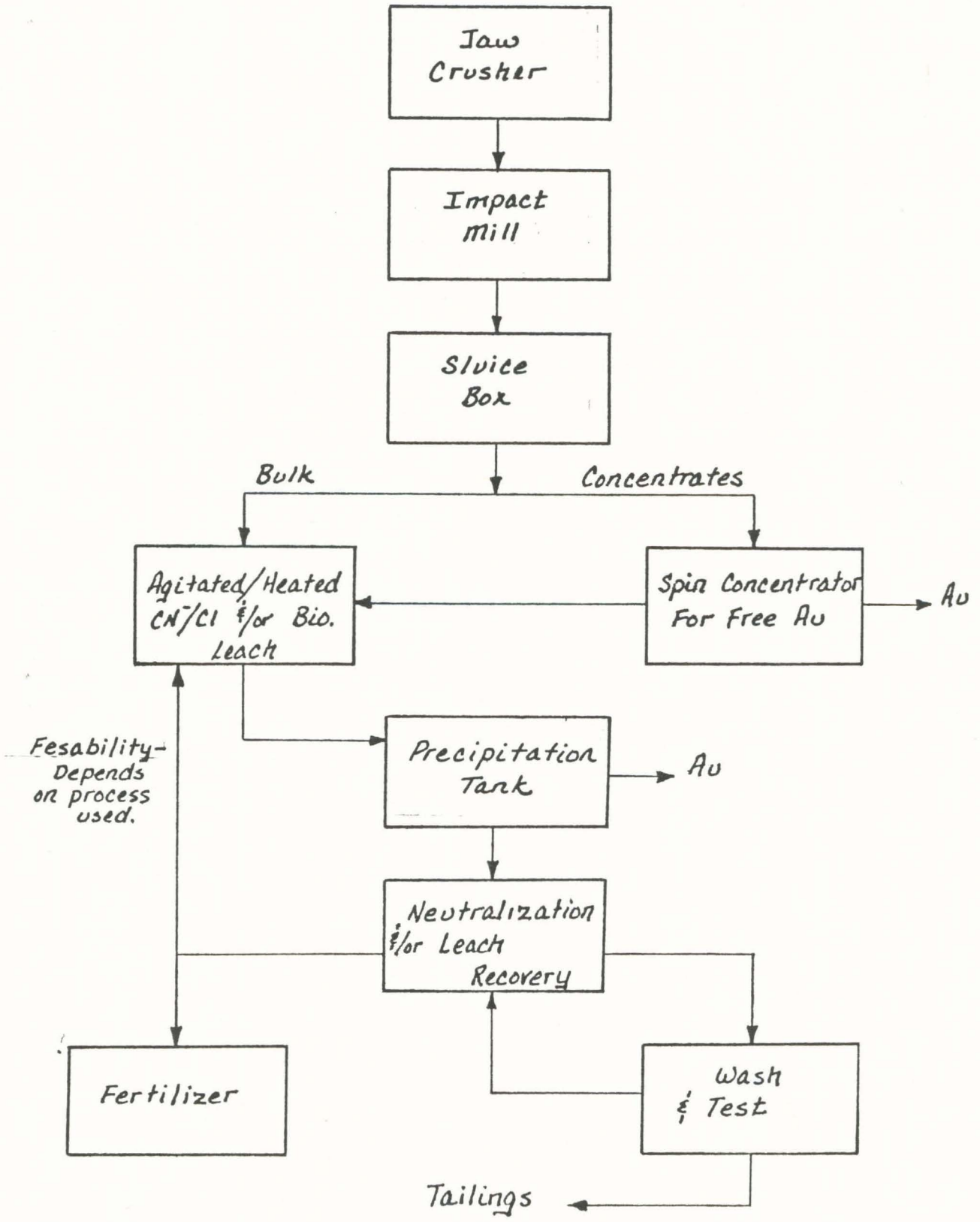
Total Probable Reserves = 18,430 tons = \$3,538,560.00

Total Possible Reserves = 139,420 tons = 26,768,640.00

157,850 tons = \$30,307,200.00



ROBERT E. & PECK MINES  
MILL FLOW DIAGRAM



## MARKETABILITY

### 1. Access

Ingress and egress to the Robert E. Group is described in the enclosed reprint from Bulletin , page . Both roads described are marked in blue on the enclosed Kalmiopsis Wilderness Map. At present both roads are traversable by four wheeled vehicles and each take less than two hours to drive from hiway 199 to the Robert E. Group of claims. Our preferred method of travel is via quiet, economical, four-stroke motorcycles which allow us a comfortable 45 minute commute. During the last 25 years we have contributed to the maintenance of both roads with dozer work, bar ditching, and brushing. We have hauled ore out and numerous pieces of equipment in and out. At different times we have observed other miners long, heavy equipment being transported over each of these roads to claims located greater distances within the wilderness than our own.

### 2. Mining Costs

#### a) Contracted mining and milling

note: enclosed quote from Sumpter Valley Mining

#### b) Our proposal for mining and milling

- Haulage: Four wheel rubber tired ore carrier with lights capable of hauling 1000 pounds under its own power - new sales price \$1,995<sup>00</sup>. This method eliminates the need for track, rails, nails, light strings and generator.

- Milling: Note Flow sheet within the enclosed geologic report. Necessary mining machinery may be reasonably obtained through various advertised sources; for example, we've included reprints from a current issue of California Mining Journal.

## MARKETABILITY (page 2)

- Milling continued: Equipment prices

8x10 Jaw Crusher bought and rebuilt for \$475<sup>00</sup>.

High-speed impact mill built for \$145<sup>00</sup>

Rod mill and/or amalgamator built for \$65<sup>00</sup>

10 square foot kiln bought for repair costs \$27<sup>00</sup>

4 foot diameter spiral classifier \$75<sup>00</sup>

- Processing: Completion of the gold parting process would be similar to the processes described in the enclosed reprints on Recovering Noble Metals, Nitrate leaching, and Slagmaster (fire assaying). We have been working on a related metallurgical process during the last few years. Even though our testing has been conducted personally, we feel that the inclusion of these articles will help to substantiate the feasibility and profitability of our method of extraction in relationship to this innovative knowledge within the mineral industry.

C&G EXPLORATION  
FEB 26 & 27 1985

PECK & ROBERT E. MINES  
LEROY & STANAN CLOUSER : OWNERS

FEB 26<sup>TH</sup> RECON OF ROBERT E. MINES - PRELIMINARY SAMPLING OF HIGH  
GRADE VEINS, CONFIRMATION OF  
MAPPING BY ORE. STATE GEOLOGIST  
KEN. POMP.

Samples:

COLLECTED  
ON 21' LEVEL  
OF WEST STOPE

CGE  
RBE  
001

- QUARTZ VEIN 21' LEVEL OF STOPE NEAR END OF  
WEST DRIFT. WHITE BULL QRTZ <sup>w</sup> < 5% OXIDIZED  
SULFIDES. (py?). SAMPLE COLLECTED NEAR PINCHING  
OF VEIN. 3' CHANNEL ALONG/ACROSS VEIN.

CGE  
RBE  
002

- THIN, < 2", WHITE BULL QUARTZ SEAMS IN ALTERED GRANITE.  
SEVERAL // SEAMS SAMPLED WITH ENCLOSED WALL RXS. SOME  
SMALL RIBBONS OF ASPY. <sup>w</sup> < 5% OXIDIZED SULFIDE (py?).

CGE  
RBE  
003

- COMPLEX QRTZ STOCKWORK AND VEINLETS IN HANGING WALL  
OF E-W FAULT ON 21' LEVEL WEST STOPE. WHITE BULL  
QUARTZ <sup>w</sup> < 15% OXIDIZED SULFIDES. SMALL BEAMS OF  
BLUE GREY ASPY ≈ .5 CM THICK. (DUPLICATE SAMPLES  
PANNED 516 SAMPLE SHOWED ≈ 2.002 1/2 PINHEAD  
COLORS).

CGE  
RBE  
004

- MASSIVE WHITE BULL QUARTZ VEIN APPROX 3' THICK  
EXPOSED @ 12' LEVEL WEST STOPE. DISPLAYS SOME  
RIBBON LIKE FEATURES <sup>w</sup> < 5% OXIDIZED SULFIDES.  
3' CHANNEL ACROSS VEIN.

CGE  
RBE  
005

- WHITE SHATTERED QUARTZ <sup>w</sup> / gouge AND OXIDIZED SULFIDES  
< 10% FOUND IN 6" ZONE ALONG S88E BT'S FAULT  
EXPOSED IN LAPPED SECTION AT BEGINNING OF WEST  
DRIFT 3' CHANNEL SAMPLES COLLECTED ALONG NORTH  
R/O. (FOOTWALL)

PECK & ROBERT E. MINES.

SAMPLES: (CONT)

CL#5  
RBE  
006

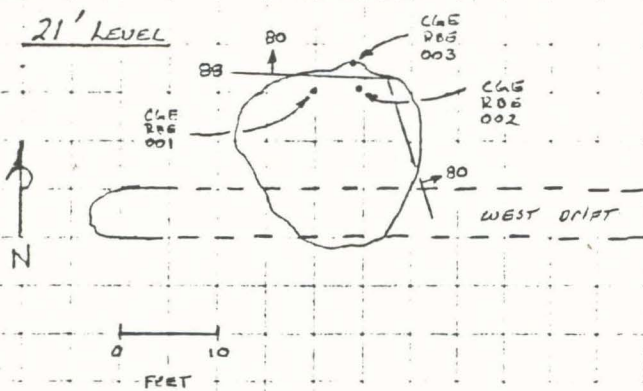
- WHITE BULL QUARTZ VEIN  $\approx$  3" THICK  $\searrow$   $\approx$  9% OXIDIZED SULFIDES IN ALTERED METAVOLCANICS. SAMPLE COLLECTED APPROX 40' EAST ALONG EAST DRIFT, SOUTH PIR.

CL#5  
RBE  
007

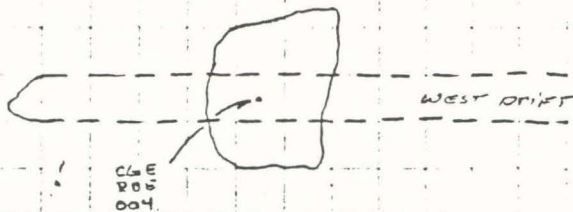
- WHITE BULL QUARTZ VEIN  $\searrow$   $\approx$  10% OXIDIZED SULFIDES (PY?). SAMPLE COLLECTED IN SLOPE @ REMAINING OF EAST DRIFT.  $\approx$  4-5 SOBI VEINS ARE PRESENT IN METAVOL. 4' CHANNEL ALONG VEIN. SOME OPEN SPACE FILLING TEXT.

CL#5  
RBE  
008

- SOIL SAMPLE COLLECTED NEAR PIN 053 - WESTWARD EXTENSION OF VEIN EXPOSED IN WEST DRIFT OF ROBERT E. (??). SAMPLE CONTAINED ABUN. QZ FRAGMENTS AND METAVOL FRAG.. (DUPLICATE SAMPLE PANNEN SHOWED  $\approx$  6 SMALL COALS.)



12' LEVEL



Company Ltd.  
on Ave.  
ouver, B.C.  
7P2R5  
604) 985-0681  
04-352667



BONDAR-CLEGG

Certificate  
of Analysis

REPORT: 625-0276

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
------------------	------------------	-----------

NOTES

R CGE-002		0.864
R CGE-003		0.606
R CGE-004		0.565
R CGE-006		0.391
R CGE PCK-001		0.740

8\*

(denotes free gold found in screening)

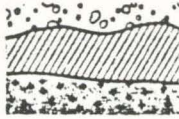
R CGE RNB-002		0.718
---------------	--	-------

8\*

SEVEN R.P. Au samples AVG .881 oz/TON.

pany Ltd.

e.  
r. B.C.  
.R5  
(1) 985-0681  
4-352667



BONDAR-CLEGG

Certificate  
of Analysis

REPORT: 625-0309

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU OPT	NOTES
R CGE PCK 001	1.064		8*
R CGE PCK 002	1.448		8*
R CGE PCK 003	0.740		
R CGE PCK 004	0.863		8*
R PH 001	0.537		8*

*[Handwritten signature]*

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

MEMO REPORT ON (AU? AG) BULLION DEPOSITED AT THE ASSAY OFFICE OF THE UNITED STATES at Seattle.

No. 1259 Bar 1723  
Sept. 20, 1939 by W. D. Bowser

*Robert E. Mine*

Description	weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
King & Retort	oz. 16.74	oz. 16.36	1000ths	\$		per fine oz.
<i>30 tons</i>			461 $\frac{3}{4}$	264.39	120	.67

Charges	net value
2.56	\$262.50
	<i>2.00 - expense</i>
	<u>260.00</u>

*B.E.* *melting chg. 10.00*

L. Swawa  
Assayer in charge

No. 1519 Bar 2050  
Oct. 6, 1939 by W. D. Bowser

*Robert E. Mine*

(description)	Weight		Gold		Silver	
	before melt.	after melt	fineness	value	fineness	value at 34¢
Button & retort	oz. 7.54	oz. 7.20	1000ths	\$		per fine oz.
			613 $\frac{3}{4}$	164.59	115	.28

Charges	net value
1.86	\$153.01
	<i>2.25 - expense</i>
	<u>150.76</u>

*come tank no last. R.E.*  
*melting chg. 10.00*

L. Swawa  
Assayer in charge

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# State Department of Geology and Mineral Industries

copy

Memo Report on (au, ag;) Bullion deposited at the  
Assay Office of the United States at Seattle

702 Woodlark Building  
Portland, Oregon

No. 2931 Bar 2917

February 5, 1940 by W. D. Bowser

*Robert E. Mine*

Description	weights	before melt.	after melt.	Gold fineness	value	Silver fineness	value at 34 cents per fine oz.
King & Retort	oz. 23.22		oz. 22.69	1000ths	\$		
				490	389.13	114	.88

*40 tons*  
*Rob R.E.*  
Charges net value  
3.22 \$586.79  
3.15  
383.64

*melting chg. 5.00*  
*expense 5.15*  
*Robert E. Mine*

*p.d.m.*

G. L. Swawa

Assayer in charge

No. 2578 Bar 3494

December 26, 1939 by W. D. Bowser

*Robert E. Mine*

Description	weight	before melt	after metl.	Gold fineness	value	Silver fineness	value at 34¢ per fine oz.
King & Retort	oz. 17.38		oz. 17.00	1000ths	\$		
				749 $\frac{3}{4}$	448.98	170	.98

Charges net value  
2.89 \$444.17  
2.85  
441.32

*melting chg. 5.00*  
*expense 2.85*

G. L. SWAWA

Assayer in charge

No. 2310 Bar 3180

Nov. 30, 1939 by W. D. Bowser

*Robert E. Mine*

Description	weights	before melt.	after melt.	Gold fineness	value	Silver fineness	value at 34¢ per fine oz.
King	oz. 21.71		oz. 21.70	1000ths	\$		
				709 $\frac{1}{2}$	539.04	136	1.22

Charges net value  
5.33 \$536.93  
3.10

*expense 3.10*  
*melting chg. 5.00*  
*precipitated*

No. 1977 Bar 2728

Nov. 6, 1939 by W. D. Bowser

*Robert E. Mine*

Description	weights	before melt.	after melt.	Gold fineness	value	Silver fineness	value at 34¢ per fine oz.
King & Retort	oz. 15.00		oz. 14.69	1000ths	\$		
				595 $\frac{1}{2}$	306.14	186	.93

Charges net value  
2.58 \$304.49  
2.25  
302.24

*expense*  
*melting chg. 5.00*

G. L. Swawa

Assayer in charge

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# State Department of Geology and Mineral Industries

Copy

702 Woodlark Building  
Portland, Oregon

No. 26339

Memo Report on (Au, Ag) Bullion deposited at the mint of the United States at San Francisco.

June 5, 1940 by W. D. Bowser

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
ck. & King	oz.	oz.	1000ths	\$		per fine oz.
	13.43	13.12	739½	339.43	118½	.53

Charges net value \$  
 2.44 337.52  
*Pick Mine*  
*melting charge 5.00 adv. 250*  
*10% Rq 3.375*  
*x-p. 3.25*  
*came 50.52*  
P. J. Haggerty 3 7.52  
 Superintendent

No. 23937

May 7, 1940 by W. D. Bowser

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
Amal. ck & Kings	oz.	oz.	1000ths	\$		per fine oz.
	25.95	25.36	763½	677.67	147½	1.27

Charges net value \$  
 3.83 675.11  
*bank charge 4.26*  
*melting " 5.00*  
*Fine gold 14.36*  
P. J. Haggerty  
 Superintendent

No. 20018

March 15, 1940 by W. D. Bowser

Description	Weights		Gold		Silver	
	before melt	after melt.	fineness	value	fineness	value at 34¢
Ring	oz.	oz.	1000ths	\$		per fine oz.
<i>10 tons</i>	12.81	12.8	690	309.12	143	.62

Charges net value \$  
 2.47 307.27  
*Pick*  
*P. E.*  
*expense 8.83*  
*Fine gold 8.83*  
*melting charge 5.00*  
P. J. Haggerty  
 Superintendent

No. 18443

Feb. 25, 1940 by W. D. Bowser

Description	Weights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
Ring	oz.	oz.	1000ths	\$		per fine oz.
<i>10 tons</i> <i>Pick</i>	11.21	11.06	727	281.40	138	.52

Charges net value \$  
 2.20 279.72  
*P. E.*  
*expense 2.65*  
*melting charge 5.00*  
P. J. Haggerty  
 Superintendent

# State Department of Geology and Mineral Industries

No. 10752

TREASURY DEPARTMENT

702 Woodlark Building  
Portland, Oregon

U.S. MINT SERVICE this report is for the information of depositor, and is of no other value.

Memo. Report on (Au, Ag) Bullion deposited at the Mint of the United States at San Francisco. Nov. 8, 1940 by W. D. Bowser, P. O. Box 162, Grants Pass, Oregon (Robt. E.)

Description of Bullion	Weight		Gold		Silver	
	before melt	after melt	fineness	value	fineness	value at 34¢
	oz.	oz.	1,000ths	\$		\$
King	4.86	4.83	570½	96.43	124½	.20

Charges Net Value  
1.55 \$ 95.08 *bank charge 2.00*

F. J. Haggerty  
Superintendent.

The net value of the above deposit is payable as follows:

No. 8807  
Oct. 11, 1940 by W. D. Bowser

Description	Weights		Au.	Value	Ag.
	before melt	after melt			
King & Anal.	oz.	oz.	1000ths	\$	per fine oz.
	11.75	11.02	761½	293.79	148 \$ .55

Charges net value  
2.23 292.11 *melting - 5.00*  
*bank charge 3.25*  
*fine gold 8.394*

F. J. Haggerty  
FOR SUPERINTENDENT

*Pack Mine*

No. 5040  
Aug. 22, 1940 by W. D. Bowser

Description	Weight		Gold	Value	Silver
	before melting	after melt			
2 Kings & Grs. 10%	oz.	oz.	1000ths	\$	value/74 at 34¢ per fine oz. ¢
	14.01 <i>34.80</i>	13.24	727½	349.83	.69

Charges net value  
2.49 348.03 *melting 5.00*  
*bank expense 3.50*  
*fine gold 7.394*

F. J. Haggerty  
for the superintendent

*Pack Mine*

No. 1692  
July 12, 1940 By W. D. Bowser, Box 162, Grants Pass, Oregon

Description	Weight		Gold	Value	Silver
	before melt	after melt			
Rock.	oz.	oz.	1000ths	\$	value at 34¢ per fine oz.
	6.98	6.76	863½	204.33	128 .29

Charges net value  
1.78 202.84 *bank expense 3.25*  
*Pack Mine*

F. J. Haggerty  
for the superintendent

No. 1072  
July 2, 1940 by W. D. Bowser

Description	Weights		Gold	Value
	before melt	after melt		
King	oz.	oz.	1000ths	\$
	8.88	8.75	842½	258.09

Charges net value  
2.00 256.47 *add. 170.50*  
*Xp. 3.25*  
*16% 25.65*  
*come 22.57*  
E. J. Haggerty Superintendent  
*256.47*

*Pack Mine*

# State Department of Geology and Mineral Industries

U. S. Mint at San Francisco, Calif. COPY 702 Woodlark Building  
 Deposit No. 1310 Depositor W. D. Bowser, Box 102, Grants Pass, Portland, Oregon  
 Oregon. Date Feb. 19, 1944 Memos required by depositor 3 other data, Silver  
 acquired for Metals Reserve Co. account, Silver price or class 44¢ State, Oregon  
 County Curry, Mine, Robert E.

Description of deposit Analaks, Assay no. 1350, weights before melt after melt  
 Assay certificate fineness Au 848½ Ag 143½ Base oz. Dec. 18.34 oz. Dec 18.16  
 refin cts. Per oz. 4, Gold fine oz 15.404 008½  
 Ag fine oz. 2.60

Pay: Grants Pass branch, The First National Bank of Portland, Grants Pass  
 Oregon. (20 tons ore)  
 Melting 1.00 Values \$ 539.14 1.14  
 Handling 1.75 net value 537.20  
 Refining .75 Bars  
 other chgs. 1.35 Cash  
 tot. chgs. 3.08 Check

U. S. Mint at San Francisco, California. Deposit no. 999, Depositor W. D. Bowser  
 Box 102, Grants Pass, Oregon. Date Jan 3, 1944, Memos required by depositor 3  
 other data Silver acquired for Metals Reserve Co. account, Silver price or class  
 44¢ Source data, State, Oregon, County, Curry, Mine, Robert E.

Description of deposit Kings & amalgam Assay no, 1107, weights before melt  
 after melt Oz. Dec 28.43. Assay certificate fineness Oz. Dec. 28.54  
 refin cts. Per oz. 4½ Au. 785½ Ag 124½ Base 090½ Au fine oz. 22.324  
 Ag fine oz. 3.53

Pay: The first National Bank of Portland, Grants Pass, Oregon. (50 tons ore).  
 Melting 1.00 Values \$ 781.34 1.58  
 Refining 1.28 net value 778.66  
 Handling 1.95 Bars  
 other chg. Cash  
 tot. chgs. 4.23 Check

U. S. Mint at San Francisco, California, Deposit no. 106, depositor W. D.  
 Bowser, Box 102, Grants Pass, Oregon. Date July 14, 1943, memos required by  
 depositor 3, other data Silver acquired for Metals Reserved Co. account.  
 Silver price or class 44¢. Source data, State Oregon, County Curry, Mine  
 Robert E.

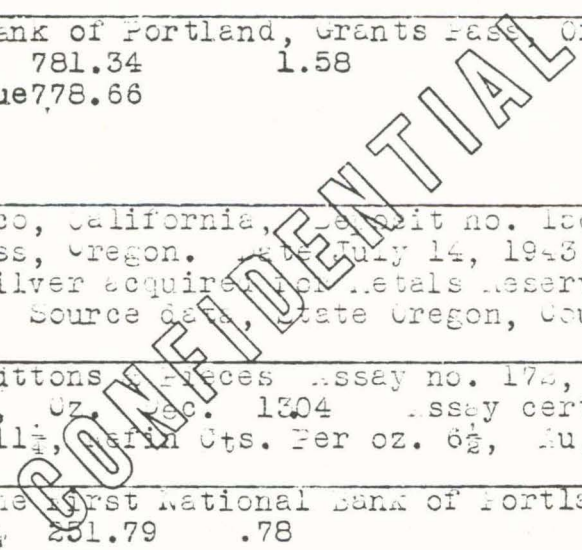
Description of deposit, Buttons Pieces Assay no. 175, weights before melt  
 oz. Dec. 13.40 after melt, Oz. Dec. 13.04 Assay certificate fineness  
 Au. 551½ Ag. 137, Base 311½, refin cts. Per oz. 6½, Au, fine oz, 7.194  
 Ag, fine per oz, 1.78

Pay: Grants Pass Branch, the First National Bank of Portland, Grants Pass, Ore.  
 Melting 1.00 Values \$ 251.79 .78  
 Refining .65 net value 250.09  
 Handling .63 Bars  
 other chg. Cash  
 tot. chgs. 2.48 Check

U. S. Assay Office at Seattle, Washington  
 Deposit number 303, Depositor W. D. Bowser, 803 East D Street, Grants Pass, Ore.  
 Date April 7, 1943, memos required by depositor 4, other data, silver price or  
 class 34¢, State Oregon, County Curry.

Description Kings Assay no. 916, weights before melt. oz Dec. 20.27, after  
 melt. oz. Dec. 20.27, assay certificate fineness, Au, 676, Ag. 176, base 148,  
 refine cts. par oz. 4½, gold fine oz. 13.702, silver fine oz. 3.56

Melting 1.00, refining, .91, handling 1.20, other chg. 1.20  
 Values \$ 479.57 1.21  
 tot. chgs. 3.11  
 net. value 477.67, bars, cashs, check.



# State Department of Geology and Mineral Industries

U. S. Mint at San Francisco, Calif. **COPY** 702 Woodlark Building  
Portland, Oregon  
**BULLION DEPOSIT MEMO REPORT**  
 Deposit no. 970 Memos required 3 Silver price or class 44¢ State Oregon  
 Depositor W. D. Bowser date Feb. 24, 1945 County Curry  
 Box 182, Grants Pass, Oregon Other data Silver acquired for Mine Robert E  
 Metals Reserve Co. account

Description of deposit Amalgamick Assay Certificate fineness		Refin Cts
Assay No. 1122	Ag Au Base	Per oz.
Weights before melt	143 850 $\frac{1}{2}$	006 $\frac{1}{2}$
oz. Dec	oz. Dec	4
26.60	26.19 Au fine oz 22.281	Ag fine oz 3.74

Payable by check Note this report is for the information of the depositor except as noted and is of no other value.

Pay: First National Bank of Portland, Grants Pass, Oregon	Melting 1.00	Values \$ 779.63	1.65
	Refining 1.05	net values 777.48	
	Handling 1.95	Bars	
	other chg.	Cash	
	tot. chgs. 4.00	Check	

U. S. Mint at **BULLION DEPOSIT MEMO REPORT**  
 San Francisco, Calif. Date Jan, 2, 1945 Silver price or class 44¢  
 Deposit no. 775 Memos required by depositor 3 State Oregon, County Curry  
 Depositor W. D. Bowser, other data Silver acquired for Metals Mine, Robert E  
 Box 182, Grants Pass, Oregon Reserve Co., account

Description of deposit: Ring Assay Certificate fineness		Refin Cts	Per oz	4 $\frac{1}{2}$
Assay No. 895	Au 802 $\frac{1}{2}$ Ag 133 $\frac{1}{2}$ Base 084			
Weights before melt	Au fine oz. 21.405	Ag fine oz 3.51		
oz. Dec	oz. Dec			
26.01	26.50			

Payable by check Note this report is for the use of the depositor and is of no other value

Pay: First National Bank of Portland, Grants Pass, Oregon	Melting 1.00	Values \$ 736.66	1.64
	Refining 1.00	net value 736.19	
	Handling 1.85	Bars	
	other chg.	Check	
	tot. chgs. 4.03	Cash	

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Memos required by depositor 3 Silver price or class 44¢ State Oregon  
 Deposit no. 1323 Date Mar 12, 1944 Other data Silver acquired for County Curry  
 Depositor W. D. Bowser Box 182 Metals Reserve Co. account Mine Robert E  
 Grants Pass, Oregon

Description of deposit Ring Assay No. 1495		Weights before melt	after melt
Assay Certificate fineness	Au 762 $\frac{1}{2}$	oz Dec 6.30	oz Dec 6.27
Ag 152 $\frac{1}{2}$ Base 085 $\frac{1}{2}$	Refin Cts Per oz. 4 $\frac{1}{2}$	Gold fine oz 4.779	Ag fine oz. .95

Payable by check except as noted. This report is for the information of the depositor and is of no other value

Pay: The First National Bank of Portland, Grants Pass, Oregon (10 tons ore)

Melting 1.00	Values \$ 167.27	.41
Refining .28	net value 165.98	
Handling .42	Bars	
other chg.	Cash	
tot. chg. 1.70	Check	

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

San Francisco, Calif. Sept. 15, '44

RETURNS OF

ORE

Selby Lot 4105

RECEIVED OF W. D. BOWSER  
P. O. Box 162  
By Grants Pass, Oregon  
AMERICAN SMELTING AND REFINING COMPANY  
Selby Smelting Works  
405 Montgomery St.

Shipping Point	Grants Pass, Oregon	32 Sacks	Weighing gross	2976	lbs.
			Tare	48	lbs.
				2928	lbs.
Truck		Moisture	6.20 %	181.5	lbs.
Tank		Samples		666	lbs.
Date Rec'd.	8-26-44	NET DRY WEIGHT		2746.5	lbs.

ASSAYS & ANALYSIS	PERCENTAGES & PRICES	DEBITS	CREDITS
Gold 115.94 ozs. per ton	5.00 ozs. Less - % @	\$31.81665	159.08
	110.94 ozs. Les - % @	34.8407	3798.66
	ozs. Less - % @		
Silver 19.35 ozs. per ton	Less 1 ounce % @	12.90 5/8	12.96
Lead %			
Copper (wet) %			
Insol %			
Iron %			
Zinc %	Handling charges	75	
Sulphur %			
Arsenic 12.90 %	As @ 50 over 1.0 = 12.2 @ 50¢	610	
Antimony .50 %			
Bismuth %			
	Base Charge	1000	
	Total	1685	3970.70
	Value per Ton		3953.85

CONFIDENTIAL

Value of	2746.5 lbs. @	\$3953.85 per ton	5429.62
Sampling & Assaying - actual			72.87
Reducing			
Burning, Grinding & Sifting			
Freight 2986 # @ 1.01			30.16
3% Federal Tax			.90
TOTAL			103.93
NET PROCEEDS			5325.69

To be paid upon receipt by Us of Property executed Affidavit which will qualify the Silver content of this shipment for sale to the U. S. Government

17.80  
5307.89

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number 775-6

Grants Pass, Oregon  
~~Baker, Oregon~~

July 14, 1939

Sample submitted by J. E. Morrison

Grants Pass, Oregon

Sample description 4 samples taken from Old Robert E. Mine

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Sample Number	GOLD		SILVER		Percent	Value	Percent	Value	Total Value
	Ounces per ton	Value	Ounces per ton	Value					
No. 1	0.05	1.75	Trace						\$1.75
" 2	0.01	0.35	Trace						\$0.35
" 3	Trace		Blank						
Tail! 4	0.63	22.05	0.6	0.42					\$22.47

Market Quotations:

Gold \$35.00 per oz.  
Silver 0.70 per oz.  
per oz.  
per oz.

STATE ASSAY LABORATORY

*Albert C. Lewis*  
Assayer

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building

Portland, Oregon

Date July 25, 1945

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Deposit No. 123 Memos required by depositor 3  
 Depositor W. D. Bowser Other data Silver acquired for account  
 Box 162, Grants Pass, Oregon Metals Reserve Co. State Oregon, County Curry,  
 Silver Price or class 44¢ Mine. Robt. E.

Description of deposit Amalgam		Assay certificate fineness			Refin
Assay No. 144		Au.	Ag.	Base	Cts
Weights, Before melt	After melt				per oz.
oz. Dec	oz. Dec	861½	130½	608	4
9.58	9.43				
Gold fine oz. (8.123)		11.111	Silver fine oz. 1.23		

Payable by check Note this report is for the information except as noted of the depositor and is of no other value.

Grants Pass Branch, The First Melting	1.00	Values \$	284.31
National Bank of Portland Refining	.38	Net value	282.76
Grants Pass, Oregon Handling	.71	Bars	
	Other chg.	Cash	

U.S. tot. chgs. 2.09 Check *bank charge \$3.38*

Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Date May 28, 1945 Silver Price or class 44¢  
 Deposit No. 1257 Memos required by depositor 3 State Oregon  
 Depositor W. D. Bowser Other data Silver acquired for County Curry  
 Box 162, Grants Pass, Oregon account Metals Reserve Co. Mine Robert E

Description of deposit Amalgam		Assay certificate fineness			Refin
Assay No. 1461		Au	Ag	Base	Cts
Weights, Before melt	After melt				Per oz
oz. Dec	27.34	851¼	143	605¼	4
28.32		Au fine oz. 23.286	Ag. Fine oz. 3.90		

Payable by check except as noted. This report is for the information of the depositor and is of no other value.

Grants Pass, Oregon Melting	1.00	Values \$	815.01	1.72
Refining	1.09	net value	812.60	
Handling	2.04	Bars		
	Other chg.	Cash		

tot. chgs. 4.13 Check *bank charge \$3.50*

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Date Apr. 9, 1945 Memos required by Silver price or Source data  
 Deposit no. 1101 depositor 3 class 44¢ State Oregon  
 Depositor W. D. Bowser Other data Silver acquired for County Curry  
 Box 162, Grants Pass, Oregon Metals Reserve, Co, account Mine Robert E

Description of deposit Assay number 1283		Assay certificate fineness			Au fine oz
of deposit King		Au	Ag	Base	Refin
Weights before metl	after melt				Cts per oz
oz. Dec	oz. Dec	722	142	136	4½
8.33	8.79	Ag fine oz 1.24			

Payable by check except as noted Note this report is for the information of the depositor, and is of no other value

Portland, Grants Pass, Oregon Melting	1.00	Values \$	222.11	.55
Refining	.40	net value	220.70	
Handling	.56	Cash		
	Other chg.	bars		
	tot. chgs. 1.96	check		



# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

U. S. Mint  
San Francisco, Calif. BULLION DEPOSIT MEMO REPORT  
Deposit No. 655 Date Nov. 30, 1945  
Depositor W. D. Bowser  
Box 162, Grants Pass, Oregon

Description of deposit	Assay No.	Weights before melt	Weights after melt	Assay Certificate fineness	Refin. Cts.
analgom	740	oz. Dec	oz. Dec.	Au. Ag Base	Per Oz.
		5.96	5.84	913 082 005	4

Gold fine Oz. 5.331  
Silver fine Oz. .47

Payable by check except as noted  
Pay: First National Bank of Portland, Grants Pass Branch, Grants Pass, Oregon

Note this report is for the information of the depositor and is of no other value

Melting	1.00	Values \$	186.59	.33
Refining	.23	Net value	185.22	
Handling	.47	Bars		
Other chgs.		Cash		
Total chgs.	1.70	Check		

*Bank charge \$3.22* Calculator

U. S. Mint at San Francisco, Calif. BULLION DEPOSIT MEMO REPORT  
Deposit No. 456 Date Oct. 18, 1945  
Depositor W. D. Bowser, Box 162, Grants Pass, Oregon

Description of deposit	Assay No.	Weights before melt	Weights after melt	Assay Certificate Fineness	Refin. Cts
analgom	557	oz. Dec	oz. Dec.	Au. Ag. Base	Per oz.
		13.88	13.85	821 1/2 121 1/2 057	4 1/2

Au Fine oz. 11.377  
Silver fine Oz. 1.68

Payable by check except as noted  
Pay: First National Bank of Portland, Grants Pass, Oregon

Note this report is for the information of the depositor, and is of no other value.

Melting	1.00	Values	398.19	1.18
Refining	.62	Net value	396.75	
Handling	1.00	Bars		
Other Chg.		Cash		
Tot. chgs.	2.62	Check		

*Bank charge \$3.50*

CONFIDENTIAL

# State Department of Geology and Mineral Industries

United States Mint At San Francisco Calif. Deposit 443 No. _____ Date Aug. 7, 1946 Depositor W. D. Bowser P. O. Box 162 Grants Pass, Oregon	COPY <b>BULLION DEPOSIT--MEMO REPORT</b> Memos Required _____ by depositor...3 Other data _____	702 Woodlark Building Portland, Oregon Silver Price or class 90¢ Source Data State: Oregon County Curry Mine Foot. E
--	---	---

Description of Deposit	Assay		Weights		Assay certificate		
	No.	Before Melt	After Melt	Fineness			
Amalgam Cake	501	Oz.	Dec. Oz.	Dec. Au.	Ag.	Base	
		10.19	9.98	868	119	018	
Refin. Cts.	Gold--Fine Oz.		Silver--Fine Oz.				
Per. Oz.	8.612		1.18				

Payable by Check Except as noted Pay: Grants Pass Branch The First National Bank of Portland Grants Pass, Oregon	NOTE--THIS REPORT IS FOR THE INFORMATION OF THE DEPOSITOR AND IS OF NO OTHER VALUE	Melting 1.00 Refining .40 Handling .75 Other Chg. _____ Total Chg. 2.15	Values, \$ 301.42 Net value 300.33 Bars Cash Check
--	---	---	--

Calculator

U. S. Mint at San Francisco, Calif. Deposit No. 1965 Date May 29, 1946 Depositor, W. D. Bowser Box 162, Grants Pass, Oregon	BULLION DEPOSIT--MEMO REPORT Memos Required _____ by depositor 3 Other data _____	Source data Silver Price State Oregon or class 70¢ County Curry Mine Foot. E.
--	--	--

Description of deposit	Assay		Weights		Assay certificate			Refin. Cts.
	No.	Before melt	After melt	Fineness				
King & Grains	2538	Oz.	Dec oz.	Dec Au.	Ag	Base	Per Oz.	
		8.59	8.39	770½	105½	124½	4½	
Gold-fine Oz.	Silver-fine Oz.							
	6.462		.88					

Payable by Check Except as noted Pay: Grants Pass Branch, The First National Bank of Portland, Grants Pass, Oregon	Note--This report is for the information of the depositor, and is of no other value-	Melting 1.00 Refining .38 Handling .58 other Chg. _____ Total Chgs. 1.95	Values \$ 226.17 net value 224.84 Bars Cash Check
--	---	--	---

Calculator

CONFIDENTIAL

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

ABBOT A. HANKS, INC.  
Engineers, Assayer, Chemists, Metallurgists  
Consulting - Testing - Inspecting  
Established 1866  
624 Sacramento Street  
San Francisco, California  
Telephone GARfield 1697

February 28, 1944

W. D. Bowser  
P. O. Box 162  
Grants Pass, Oregon

Dear Sir:

At your request we have made a qualitative spectrographic analysis of a sample submitted to our laboratory and have to advise you as follows:

Lab. No. 58707                      Mark: #1

Silicon	)	Large Amount
Iron	)	
Arsenic	)	Medium Amount
Aluminum	)	
Calcium	)	
Magnesium	)	Small Amount
Gold	)	
Silver	)	
Copper	)	Traces
Lead	)	
Nickel	)	
Cobalt	)	
Chromium	)	
Gallium	)	
Vanadium	)	

CONFIDENTIAL

Respectfully submitted,

ABBOT A. HANKS, INC.  
Original Signed by  
By P. T. Bee

PTB:BH

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

ABBOT A. HANKS, INC.

Chemists, Assayers, Metallurgists  
Supervision of Ore Shipments at Smelters  
624 Sacramento Street  
San Francisco, Cal.

September 13, 1944

W. D. Bowser  
P. O. Box 162  
Grants Pass, Oregon

Dear Sir:

At your request we have supervised the sampling and weighing of a Lot of High Grade Ore at Selby and wish to submit the following report:

## WEIGHTS

Received August 26, 1944

Car No. Truck 32 sacks, weighting Gross, 2976

Smelter's Lot No. 4105 Tare, 48

Our Laboratory No. 64047-48-49-50 Net, 2928

Free Metal 4 ounces  
2927 12 ounces

Gold, per ton 2,000 lbs.	114.10	116.91	117.17	113.42	oz. Troy
Silver per ton 2,000 lbs.	18.84	20.70	21.02	17.80	oz. Troy
Copper, wet.....					%
Lead, wet.....					%
Moisture.....				6.20	%

Average Assays Hanks Gold 115.40 Silver 19.59  
" " Smelter

Corrected for Free Metal Gold 116.20 Silver 19.75

ABBOT A. HANKS, INC.

Original Signed by

By Jno. L. Martel

BH

son's ranch freight for the mine is transferred to pack horses. Five miles to the southeast the trail passes over a divide at an altitude of about 3,700 feet, and then drops to the mine, at about 2,300 feet.

The history of mining in the immediate region of the Robert E. mine dates back to about 1900, when rich gold deposits were discovered at the contacts between greenstone and serpentine. Because the gold in these deposits was set free by decomposition of the rocks, hydraulic mining methods were used. Thus the richer spots along the contacts were worked at the Higgins, Hustis & Anderson, and Miller & Bacon mines<sup>16</sup> and finally at some outcrops near the greenstone-serpentine contact in ground now included in the Robert E. claims. Some of the hydraulic pipe is still to be seen a short distance northwest of the mill. I. F. Peck located some claims in 1919, but the Robert E. Mining Co. was not incorporated until 1922. From 1922 to 1928 most of the work was confined to developing the upper levels of the mine, but in 1928, in running the No. 4 (lower) tunnel, a small though exceedingly rich ore shoot was intersected. In 1928 this small ore body produced ore and bullion worth \$36,936.75 and in 1929 ore and bullion worth \$42,203.35—a total of \$79,140.10 for the two years.<sup>17</sup> A small mill was erected to remove the coarser gold before shipment. The tailings were then shipped as a separate product. One lot of tailings shipped in 1928 contained \$398.76 a ton, mostly in gold, after \$28,391.43 of free gold had been extracted from it. Since 1929 most of the work has been confined to the development of the quartz veins, and in 1930 considerable ore was partly blocked out. According to Mr. Peck, B. F. Miller produced about \$25,000 from the open cut on the Miller Creek slope, and this makes the total production of the Robert E. mine over \$100,000.

#### DEVELOPMENT AND PLANT

About 2,000 feet of openings, including raises (see pl. 11), have been driven underground. The No. 4, the principal level, consists of more than 1,000 feet of drifts and crosscuts, about 250 feet of which follow the vein. A sublevel, 18 feet above No. 4, follows the vein for 100 feet. The No. 3 level is 60 feet above No. 4. Nos. 3 and 4 are connected by a raise that follows up the vein. No. 3 consists of 500 feet of drifts and crosscuts and follows the vein for about 300 feet. It is connected with No. 2 level, 40 feet above it by a raise along the vein. No. 2 level is about 200 feet long but is caved 50 feet from its portal. No. 1 level, 26 feet above No. 2, is entirely closed. Besides the drifts, crosscuts, and raises, the vein has been stoped in several places.

<sup>16</sup> Diller, J. S., Mineral resources of southwestern Oregon: U. S. Geol. Survey Bull. 544 pp. 64-65, 1914.

<sup>17</sup> Production figures largely from smelter and mint returns furnished by Mr. Peck.

A mill capable of only a small tonnage but, according to Mr. Peck, adequate for the treatment of the very high grade ore has been built near the portal to the No. 4 tunnel. In addition, there are several substantial buildings suitable to accommodate a small crew of men.

## GEOLOGY

Fine-grained greenstone and serpentine are the prevailing rocks in the vicinity of the Robert E. mine. The ore occurs along fractures in greenstone, which strike north of east and dip to the south at steep angles. Where the fractures enter serpentine the ore ceases. A survey with Brunton compass of the recent workings indicates that the vein is split into two branches just east of the No. 1 raise. The No. 3 and No. 4 levels are apparently on different branches of the vein. On both levels the veins terminate at a fault zone several feet wide, and on the No. 4 level a vein has been found on the east side of the fault.

The ore consists for the most part of quartz and mineralized greenstone, both containing arsenopyrite, pyrite, and some gold. The quartz, which contains numerous greenstone inclusions, ranges in thickness from less than an inch to over 4 feet and, on the two lower levels, probably averages 30 inches. One or commonly both walls of the quartz are slickensided, and usually it is in contact with soft dark-gray gouge from less than an inch to several inches thick. The quartz is white and underground has a uniform appearance. The microscope shows, however, that it is made up of coarse-grained quartz into which very fine-grained quartz, sulphides, and gold have been introduced. The greenstone inclusions and the wall rocks immediately next to the quartz have been intensely altered, but 2 or 3 feet from the veins the rock is comparatively fresh appearing. Adjoining the quartz veins the greenstone wall rocks are altered to a mass composed largely of fine-grained quartz and sericite and some epidote. A short distance from the veins the rock is made up principally of sodic plagioclase, partly altered to saussurite and epidote; augite, partly altered to serpentine and chlorite; considerable calcite, in part introduced; fine-grained quartz; and small amounts of magnetite and sulphide. The most abundant ore minerals in the veins are arsenopyrite, pyrite, and native gold. They occur in the quartz and in the wall rock adjacent to the quartz. A very rich shoot of partly oxidized sulphide ore, impregnated with gold, was found on No. 4 level, east of the No. 1 raise, along and in quartz near the serpentine contact. Most of the production of the mine has come from this small shoot. Arsenopyrite occupies fractures in coarse-grained quartz but is itself cut by fine-grained quartz and calcite. (See pl. 12.) Gold is closely associated with the fine-grained quartz,

*Handwritten:*  
Omitted pg 54

9-19-38  
Curry County

Robert E. Mine (Gold) Lode *in hand book pp. 19*

Old Name: Miller Mine Also shown on some maps as Peck Mine because  
it was operated by I. F. Peck.

Owner: U. S. Government.

It is for sale. Interested parties should contact the  
Collector of Internal Revenue, Portland, Oregon or at  
Medford, Oregon.

The property is described in Bulletin 830 B, U.S.G.S. and  
has not been operated since.

All workings are inaccessible at present and the mill  
building is in a very poor state of repair. The rest of  
the buildings are tent houses. Packing costs *2¢* per pound.

The Anderson Ranch referred to in the last paragraph on  
Page 51, Bulletin 830 B is now known as the McCaleb Ranch.

Equipment: 5 ft. Huntington Mill.  
12 H. P. Engine.  
3 H. P. Engine.  
1 small crusher.

Informant: J. E. Morrison.

**Robert E. Mine**  
NAME

OLD NAMES

**Gold**

PRINCIPAL ORE

MINOR MINERALS

T R S

.....

**Curry** ..... COUNTY

**Chasco** ..... AREA

**1000** ..... ELEVATION

..... ROAD OR HIGHWAY

**13 miles by road west of Selma and 9 miles by trail** ..... DISTANCE TO SHIPPING POINT

PUBLISHED REFERENCES

**U.S.G.S. Bulletin 830-B pp.151**

**Oregon Metal Mines Hbk. 14-C Vol.1**

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) **U.S. Government** .....

.....

.....

.....

Address ..... **Collector of Internal Revenue,** .....

..... **Portland, Oregon** .....

.....

.....

.....

OPERATOR .....

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

**Small mill suitable for treating highgrade.**



# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

Roberts Manganese

Curry Co.

The ore is generally below commercial grade. Assays were stated by Mr. Roberts to have run 45%, but apparently on hand picked ore, not the general run of the deposit. High grade ore is noticeably absent except very locally. Chert is generally abundant in the manganese boulders.

The distance of the deposit from the end of the FLORES Creek road is a distinct disadvantage, although several logging roads connect with that road from points near the deposit. However, resurfacing and regrading of about 3 miles of road would be necessary before operations could begin.

The tonnage available, of commercial ore, is small. Low grade manganese is abundant, but probably below present commercial grade. The ore can not be concentrated. A sample of the average manganese oxide was taken.

Mr. Roberts has leased the property to Mr. Toy Young (Chinese) of Langlois, Oregon. Mr. Young is believed by Mr. Roberts to have some connection with the Golden Surf Mining Interests of Crescent City, California. Mr. Roberts is to get \$2.00 per ton of ore shipped.

Recommendations: It was recommended that the deposit be carefully sampled, that a given amount of face be blasted off and ore carefully hand picked as to grade, and that future operations be based on the figures obtained. It is believed that the deposit can not be worked, due to the distance from the road, and the low grade of ore, and the expense of breaking the ore in place.

Informants: Lee H. Roberts

RECORD IDENTIFICATION

RECORD NO..... M020049  
RECORD TYPE..... X1M  
INFORMATION SOURCE... 1  
DEPOSIT NO..... ODGMI 93-19  
MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)  
AFFILIATION..... ODGMI  
DATE..... 80 04

NAME AND LOCATION

DEPOSIT NAME..... ROBERT E. MINE  
SYNONYM NAME..... MILLER MINE

MINING DISTRICT/AREA/SUBDIST. UPPER CHETCO

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... OR  
STATE NAME: OREGON

COUNTY..... CURRY  
DRAINAGE AREA..... 17100312 PACIFIC NORTHWEST  
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 4B

QUAD SCALE QUAD NO OR NAME  
1: 62500 PEARSOLL PEAK (1954)

LATITUDE LONGITUDE  
42-15-27N 123-50-42W

UTM NORTHING UTM EASTING UTM ZONE NO  
4678500 490900 +10

TWP..... 038S  
RANGE..... 010W  
SECTION.. 2B  
SECTION FRACTIONS: NE 1/4 NW 1/4  
MERIDIAN. WILLAMETTE

ALTITUDE.. 2400 FT

ACCURACY OF LOCATION  
ACCURATE

COMMODITIES PRESENT..... AU AG CU AS

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AJ  
MINOR PRODUCTS.. AG

DRE MATERIALS (MINERALS,ROCKS,ETC.):  
ARSENOPYRITE, PYRITE, PYRRHOTITE, CHALCOPYRITE, FREE GOLD

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. B  
YEAR OF DISCOVERY..... 1900'S

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
STRIKE OF DREBODY.... N 60 W  
DIP OF DREBODY..... 90

DESCRIPTION OF WORKINGS  
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
250 FOOT ADIT AND AN OLD GROUND-SLUICED PIT

PRODUCTION  
YES  
SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR  
HOST ROCK TYPES..... GREENSTONE

AGE OF ASSOC. IGNEOUS ROCKS.. JUR  
IGNEOUS ROCK TYPES..... SERPENTINE

PERTINENT MINERALOGY..... QUARTZ, CALCITE, CHLORITE

IMPORANT ORE CONTROL/LOCUS.. CONTACT

LOCAL GEOLOGY  
NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES

RECORD IDENTIFICATION

RECORD NO..... M060597  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
DEPOSIT NO..... DDGM1 93-21  
MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.  
UPDATED..... 81 04  
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... PECK MINE  
SYNONYM NAME..... ROBERT E.

MINING DISTRICT/AREA/SUBDIST. BACON, ROBERT E.?

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... OR  
STATE NAME: OREGON

COUNTY..... CURRY  
DRAINAGE AREA..... 17100312 PACIFIC NORTHWEST  
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 43

QUAD SCALE            QUAD NO OR NAME  
1: 62500            PEARSON PEAK

LATITUDE            LONGITUDE  
42-15-12N            123-50-12W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
4678042.8            430989.6            +10

TWP..... 38S  
RANGE..... 10W  
SECTION.. 23  
MERIDIAN. W.M.

LOCATION COMMENTS: ON BABYFOOT CREEK

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU    AG    CU    AS

POTENTIAL.....  
OCCURRENCE..... CU AS

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
ARSENOPYRITE, PYRITE, CHALCOPYRITE, PYRRHOTITE, GOLD

COMMODITY SUBTYPES OR USE CATEGORIES:  
6.61 AU:AG

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 8

#### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
FISSURE VEIN \*  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX LENGTH..... 300 FT  
MAX WIDTH..... 30 INCHES  
STRIKE OF DREBODY.... N60E  
DIP OF DREBODY..... SE

DESCRIPTION OF WORKINGS  
UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):  
2000 FEET ON FOUR LEVELS.

PRODUCTION  
YES  
MEDIUM PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE	ACC	0002.197	TONS	1919-1953	2.2 OZ/TON AU; 0.3 OZ/TON AG
16 AU	ACC	0004.897	OZ	1919-1953	
17 AG	ACC	0000.740	OZ	1919-1953	
23 AU, SML		2.197	TONS	1919-1953	2.2 AU, 0.3 AU

PRODUCTION YEARS..... 1922-1953

PRODUCTION COMMENTS..... PRODUCTION BOTH THAT OF PECK & NEARBY ROBERT E.

#### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR  
 HOST ROCK TYPES..... GREENSTONE

AGE OF ASSOC. IGNEOUS ROCKS.. JUR  
 IGNEOUS ROCK TYPES..... SERPENTINE

PERTINENT MINERALOGY..... QUARTZ, CALCITE

IMPORTANT DRE CONTROL/LOCUS.. VEINS TERMINATE AT SERPENTINE CONTACT

#### LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: ROGUE VOLCANICS
- AGE: JUR

#### GENERAL COMMENTS

RECORD NUMBER (M013777) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE. CONSIDERABLE CONFUSION EXISTS OVER NAME OF PROPERTY. CURRENT ROBERT E. MINE IS NOT THE PROPERTY DESCRIBED BY SHENON (1933)

#### GENERAL REFERENCES

- 1) RAMP, L. AND OTHERS, 1977, GEOLOGY, MINERAL RESOURCES AND ROCK MATERIAL OF CURRY COUNTY, OREGON; ODGMI BULL. 93 P. 41
- 2) BROOKS, H.C. AND RAMP, L., 1968, GOLD AND SILVER IN OREGON; ODGMI BULL. 61, P. 195
- 3) OREGON METAL MINES HANDBOOK, 1940, ODGMI BULL. 14-C, VOL. 1, P. 61
- 4) SHENON, P.J., 1933, GEOLOGY OF THE ROBERTSON, HUMDINGER AND ROBERT E. GOLD MINES, SOUTHWESTERN OREGON; USGS BULL. 830-B, P. 51

# State Department of Geology and Mineral Industries

Copy

702 Woodlark Building  
Portland, Oregon

No. 26339

Memo Report on (Au, Ag) Bullion deposited at the mint of the United States  
at San Francisco.

June 5, 1940 by W. D. Bowser

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
ack. & king	oz. 15.43	oz. 13.12	1000ths 739½	\$ 339.43	118½	.53
Charges	net value \$ 337.52					

*Pack fine melting chg. 5.00*

*adv. 2150.00*

*10% Roy. 33.75*

*x.p. 3.25*

*come 50.52*

P. J. Haggerty  
Superintendent

No. 23937  
May 7, 1940 by W. D. Bowser

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
mal. ck & Kings	oz. 25.95	oz. 25.36	1000ths 763½	\$ 677.67	147½	1.27
Charges	net value \$ 675.11					

*bank charge 4.26*

*melting 5.00*

*Fine gold 19.30*

*Pack fine*

P. J. Haggerty  
Superintendent

No. 20013  
March 15, 1940 by W. D. Bowser 66

Description	Weights		Gold		Silver	
	before melt	after melt	fineness	value	fineness	value at 34¢ per fine oz.
King <i>40 tons</i>	oz. 12.81	oz. 12.80	1000ths 690	\$ 309.12	143	.62
Charges	net value \$ 307.27					

*expense 5.00*

*Fine gold 8.83*

*melting chg. 5.00*

*Pack fine*

P. J. HAGGERTY  
Superintendent

No. 18443  
Feb. 23, 1940 by W. D. Bowser

Description	Weights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
King <i>10 tons</i> <i>Pack</i>	oz. 11.21	oz. 11.06	1000ths 727	\$ 281.40	138	.52
Charges	Net value 279.72					

*expense 2.65*

*melting charge 5.00*

P. J. HAGGERTY  
Superintendent

CONFIDENTIAL





# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

ABBOT A. HANKS, INC.  
Engineers, Assayer, Chemists, Metallurgists  
Consulting - Testing - Inspecting  
Established 1866  
624 Sacramento Street  
San Francisco, California  
Telephone GARfield 1697

February 28, 1944

W. D. Bowser  
P. O. Box 162  
Grants Pass, Oregon

Dear Sir:

At your request we have made a qualitative spectrographic analysis of a sample submitted to our laboratory and have to advise you as follows:

Lab. No. 58707                      Mark: #1

Silicon                      )    Large Amount  
Iron                         )

Armenic                     )  
Aluminum                   )    Medium Amount  
Calcium                    )

Magnesium                 )  
Gold                        )    Small Amount  
Silver                      )

Copper                     )  
Lead                        )  
Nickel                      )  
Cobalt                      )    Traces  
Chromium                  )  
Gallium                    )  
Vanadium                  )

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Respectfully submitted,

ABBOT A. HANKS, INC.  
Original Signed by  
By           P. T. Bee          

PTB:BH

# State Department of Geology and Mineral Industries

DOFY

702 Woodlark Building  
Portland, Oregon

ABBOT A. HANKS, INC.

Chemists, Assayers, Metallurgists  
Supervision of Ore Shipments at Smelters  
624 Sacramento Street  
San Francisco, Cal.

September 13, 1944

W. D. Bowser  
P. O. Box 162  
Grants Pass, Oregon

Dear Sir:

At your request we have supervised the sampling and weighing of a Lot of High Grade Ore at Selby and wish to submit the following report:

## WEIGHTS

Received August 26, 1944

Car No. Truck 32 sacks, weighting Gross, 2976

Smelter's Lot No. 4105 Tare, 48

Our Laboratory No. 64047-48-49-50 Net, 2928  
Free Metal 4 ounces  
2927 12 ounces

## ASSAYS

Gold, per ton 2,000 lbs.	114.10	116.91	117.17	113.42	oz. Troy
Silver per ton 2,000 lbs.	18.84	20.70	21.02	17.80	oz. Troy
Copper, wet.....					%
Lead, wet.....					%
Moisture.....				6.20	%

Average Assays Hanks Gold 115.40 Silver 19.59  
" " Smelter

Corrected for Free Metal Gold 116.20 Silver 19.75

ABBOT A. HANKS, INC.  
Original Signed by  
By Jno. L. Martel

BH

# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

United States Mint  
At San Francisco Calif.  
Deposit 443  
No. Date  
Depositor W. D. Bowser  
P. O., Box 162

BULLION DEPOSIT--MEMO REPORT

Memos Required  
by depositor...3  
Other data

Silver Price  
or class 90¢  
Source Data  
State: Oregon  
County Curry  
Mine Robt. E

Grants Pass, Oregon

Description of Deposit	Assay		Weights			Assay certificate		
	No.	Before Melt	After Melt	Fineness				
Amalgam Cake	501	Oz.	Dec.	Oz.	Dec.	Au.	Ag.	Base
		10.19		9.98		865	119	018

Refin. Cts.	Gold--Fine Oz.	Silver--Fine Oz.
Per. Oz.	8.612	1.18

4

Payable by Check  
Except as noted

NOTE--THIS REPORT IS FOR THE INFORMATION  
OF THE DEPOSITOR AND IS OF NO OTHER VALUE

Pay:	Melting	Refining	Handling	Other Chg.	Total Chg.	Values, \$	Net value	Bars	Cash	Check
Grants Pass Branch	1.00	.40	.75		2.15	301.42	300.33			
The First National Bank of Portland										
Grants Pass, Oregon										

Calculator

BULLION DEPOSIT--MEMO REPORT

Source data  
State Oregon  
County Curry  
Mine Robt. E.

U. S. Mint  
at San Francisco, Calif.  
Deposit  
No. 1965 Date May 29, 1946  
Depositor, W. D. Bowser  
Box 162, Grants Pass, Oregon

Memos Required  
by depositor 3  
Other data

Silver Price  
or class 70¢

Description of deposit	Assay		Weights			Assay Certificate			Refin. Cts.
	No.	Before metl	after melt	Fineness					
King & Grains	2528	Oz.	Dec	oz.	Dec	Au.	Ag	Base	Per Oz.
		8.59		8.39		770½	105½	124½	4½

Gold-Fine Oz.	Silver-Fine Oz
6.462	.88

Payable by Check  
Except as Noted

Note--This report is for the information of  
the depositor, and is of no other value

Pay:	Melting	Refining	Handling	other Chg.	Total Chg.	Values \$	net value	Bars	Cash	Check
Grants Pass Brach, The	1.00	.38	.58		1.95	226.17	224.84			
First National Bank of										
Portland, Grants Pass, Oregon										

Calculator

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# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

U. S. Mint  
At San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Deposit Date Nov. 30, 1945 Memos Required Silver price Source data  
 No. 655 by depositor 3 or class 70¢ State Oregon  
 Depositor W. D. Bowser Other data County Curry  
 Box 162, Grants Pass, Oregon Mine Robt. E.

Description of deposit	Assay No.	Weights		Assay Certificate			Refin. Cts.
		Before melt	after melt	fineness	Base	Per Oz.	
amalgam	790	oz. Dec	oz. Dec.	Au.	Ag	Base	
		5.96	5.84	913	082	005	4
Gold Fine Oz.		Silver Fine Oz.					
5.831		.47					

Payable by check except as noted  
 Pay: First National Bank of Portland, Grants Pass Branch  
 Grants Pass, Oregon

Note this report is for the information of the depositor and is of no other value

Melting	1.00	Values \$	186.59	.33
Refining	.23	Net value	185.22	
Handling	.47	Bars		
Other chgs.		Cash		
Total chgs.	1.70	Check		

*bank charge \$3.22* Calculator

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Deposit Date Oct. 18, 1945 Memos Required Silver Price or Source data  
 No. 456 by depositor 3 or Class 70¢ State Oregon  
 Depositor W. D. Bowser, Box 162 Other data County Curry  
 Grants Pass, Oregon Mine Robt. E.

Description of deposit	Assay No.	Weights		Assay Certificate			Refin. Cts
		before melt	after melt	Fineness	Base	Per oz.	
King	557	oz. Dec	oz. Dec	Au.	Ag.	Base	
		13.88	13.88	821½	121½	057	4½
Au Fine oz.		Silver Fine Oz.					
11.377		1.68					

Payable by check except as noted  
 Pay: First National Bank of Portland, Grants Pass, Oregon

Note this report is for the information of the depositor, and is of no other value.

Melting	1.00	Values	398.19	1.18
Refining	.62	Net value	396.75	
Handling	1.00	Bars		
Other Chg.		Cash		
Tot. chgs.	2.62	Check		

*bank charge \$3.50*

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# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

U. S. Mint at  
San Francisco, Calif. BULLION DEPOSIT MEMO REPORT Date July 23, 1945  
Deposit No. 123 Memos required by depositor 3  
Depositor W. D. Bowser Other data. Silver acquired for account  
Box 162, Grants Pass, Oregon Metals reserve Co. State Oregon, County Curry,  
Silver Price or class 44¢ Mine. Robt. E.

Description of deposit Amalgam		Assay certificate fineness			Refin
Assay No. 144		Au.	Ag.	Base	Cts
Weights, Before melt					per oz.
oz.	Dec	oz.	Dec		
9.58		861½	130½	008	4
Gold fine oz. (8.123)		11.111		Silver fine oz.	1.23

Payable by check except as noted Note this report is for the information of the depositor and is of no other value.  
Grants Pass Branch, The First Melting 1.00 Values \$ 284.31  
National bank of Portland Refining .38 Net value 282.76  
Grants Pass, Oregon Handling .71 Bars  
Other chg. Cash  
tot. chgs. 2.09 Check *bank charge \$3.38*

U.S. Mint at San Francisco, Calif. BULLION DEPOSIT MEMO REPORT Date May 28, 1945 Silver Price or class 44¢  
Deposit No. 1257 Memos required by depositor 3 State Oregon  
Depositor W. D. Bowser Other data Silver acquired for County Curry  
Box 162, Grants Pass, Oregon account Metals Reserve Co. Mine Robert E

Description of deposit Amalgam		Assay certificate fineness			Refin
Assay No. 1461		Au.	Ag.	Base	Cts
Weights, Before melt					Per oz.
oz.	Dec.	oz.	Dec.		
28.32		851½	143	000½	4
Au fine oz. 23.286		Ag. Fine oz. 3.90			

Payable by check except as noted. This report is for the information of the depositor and is of no other value.  
Pay: First National Bank of Portland Melting 1.00 Values \$ 815.01 1.72  
Grants Pass, Oregon Refining 1.09 net value 812.60  
Handling 2.04 Bars  
Other chg. Cash  
tot. chgs. 4.13 Check *bank charge \$5.50*

U. S. Mint at San Francisco, Calif. BULLION DEPOSIT MEMO REPORT Date Apr. 9, 1945 Silver price or Source data  
Deposit no. 1101 depositor 3 class 44¢ State Oregon  
Depositor W. D. Bowser Other data Silver acquired for County Curry  
Box 162, Grants Pass, Oregon Metals Reserve, Co, account Mine Robert E

Description of deposit King		Assay certificate fineness			Au fine oz
Assay number 1283		Au	Ag	Base	Refin
Weights before metl					6.346
after melt	oz.	Dec	oz.	Dec	
	8.83		8.79	Ag fine oz	1.24

Payable by check except as noted Note this report is for the information of the depositor, and is of no other value.  
Pay: First National Bank of Portland Melting 1.00 Values \$ 222.11 .55  
Portland, Grants Pass, Oregon Refining .40 net value 220.70  
Handling .56 Cash  
Other chg. bars  
tot. chgs. 1.96 check

# State Department of Geology and Mineral Industries

U. S. Mint at San Francisco, Calif. **COPY** 702 Woodlark Building  
Portland, Oregon  
**BULLION DEPOSIT MEMO REPORT**  
 Deposit no. 970 Memos required 3 Silver price or class 44¢ State Oregon  
 Depositor W. D. Bowser date Feb. 24, 1945 County Curry  
 Box 162, Grants Pass, Oregon Other data Silver acquired for Mine Robert E  
 Metals Reserve Co. account

Description of deposit Amalgamick Assay Certificate fineness			Refin Cts
Assay No. 1122	Ag Au Base		Per oz.
Weights before melt	after melt	143 850½ 006½	4
oz. Dec	oz. Dec		
26.60	26.19	Au fine oz 22.281 Ag fine oz 3.74	

Payable by check Note this report is for the information of the depositor  
 except as noted and is of no other value.

Pay: First National Bank of Portland, Grants Pass, Oregon	Melting 1.00 Refining 1.05 Handling 1.95 other chg. tot. chgs. 4.00	Values \$ 779.83 net values 777.48 Bars Cash Check	1.65
--	---	--	------

U. S. Mint at **BULLION DEPOSIT MEMO REPORT**  
 San Francisco, Calif. Date Jan, 2, 1945 Silver price or class 44¢  
 Deposit no. 775 Memos required by depositor 3 State Oregon, County Curry  
 Depositor W. D. Bowser, Other data Silver acquired for Metals Mine, Robert E  
 Box 162, Grants Pass, Oregon Reserve Co., account

Description of deposit: King Assay Certificate fineness			Refin Cts	Per oz	4½
Assay No. 895	Au 802½ Ag 133½ Base 924				
Weights Before melt	After melt	Au fine oz. 21.005 Ag fine oz 3.51			
oz. Dec	oz. Dec				
26.51	26.30				

Payable by check Note this report is for the use of the depositor and is of  
 except as noted no other value

Pay: First National Bank of Portland, Grants Pass, Oregon	Melting 1.20 Refining 1.15 Handling 2.85 other chg. tot. chgs. 4.03	Values \$ 738.68 net value 738.19 Bars Check Cash	1.54
--	---	---	------

-6-

U. S. Mint at San Francisco, **BULLION DEPOSIT MEMO REPORT**  
 Calif. Memos required by depositor 3 Silver price or class 44¢ State Oregon  
 Deposit no. 1323 Date Mar 12, 1944 Other data Silver acquired for County Curry  
 Depositor W/ D. Bowser Box 162 Metals Reserve Co. account Mine Robert E  
 Grants Pass, Oregon

Description of deposit King Assay No. 1493			Weights before metl	after melt
Assay Certificate fineness	Au 762½		oz Dec 6.30	oz. Dec 6.27
Ag 152½ Base 085½	Refin Cts Per oz. 4½	Gold fine oz 4.779	Ag fine oz.	.95

Payable by check except as noted. This report is for the information of the  
 depositor and is of no other value

Pay: The first national Bank of Portland, Grants Pass, Oregon (10 tons ore)	Melting 1.00 Refining .28 Handling .42 other chg. tot. chg. 1.70	Values \$ 167.27 net value 165.98 Bars Cash Check	.41
---	--	---	-----

BULLION DEPOSIT MEMO REPORTS

State Department of Geology and Mineral Industries

U. S. Mint at San Francisco, Calif. COPY 702 Woodlark Building  
 Deposit no, 1210 Depositor W. D. Bowser, Box 162, Grants Pass, Portland, Oregon  
 region. Date Feb. 19, 1944 Memos Required by depositor 3 other data, Silver  
 acquired for Metals Reserve Co. account, Silver price or class 44¢ State, Oregon  
 County Curry, Mine, Robert E.

Description of deposit Amalcks, Assay no. 1350, Weights before melt after melt  
 Assay Certificate fineness Au 848½ Ag 143½ Base oz. Dec. 18.34 oz. Dec 18.16  
 Refin Cts. Per oz. 4, Gold fine oz 15.404 008½  
 g fine oz. 2.60

Pay: Grants Pass Branch, The First National Bank of Portland, Grants Pass  
 region. (20 tons ore)  
 Melting 1.00 Values \$ 539.14 1.14  
 Handling 1/38 net value 537.20  
 Refining .73 Bars  
 other chgs. 1.35 Cash  
 tot. chgs. 3.08 Check

U. S. Mint at San Francisco, California. Deposit no. 999, Depositor W. D. Bowser  
 Box 162, Grants Pass, Oregon. Date Jan 3, 1944, Memos required by depositor 3  
 other data Silver acquired for Metals Reserve Co. account, Silver price or class  
 4¢ Source data, State, Oregon, County, Curry, Mine, Robert E.

Description of deposit Kings & amalgam Assay no, 1107, Weights before melt  
 after melt Oz. Dec 28.43. Assay certificate fineness Oz. Dec. 28.54  
 Refin Cts. Per oz. 4½ Au. 785½ Ag 124½ Base 090½ Au fine oz. 22.324  
 g fine oz. 5.53

Pay: The First National Bank of Portland, Grants Pass, Oregon. (50 tons ore).  
 Melting 1.00 Values \$ 781.34 1.58  
 Refining 1.28 net value 778.66  
 Handling 1.95 Bars  
 other chg. Cash  
 tot. chgs. 4.23 Check

U. S. Mint at San Francisco, California, Deposit no. 156, depositor W. D.  
 Bowser, Box 162, Grants Pass, Oregon. Date July 14, 1943, memos required by  
 depositor 3, other data Silver acquired for Metals Reserved Co. account.  
 Silver price or class 44¢. Source data, State Oregon, County Curry, Mine  
 Robert E.

Description of deposit, Buttons & Pieces Assay no. 172, Weights before melt  
 z. Dec. 13.40 after melt, Oz. Dec. 13.04 Assay certificate fineness  
 g. 551½ Ag. 137, Base 311½, Refin Cts. Per oz. 6½, Au, fine oz, 7.194  
 g, fine per oz, 1.78

Pay: Grants Pass Branch, the First National Bank of Portland, Grants Pass, Ore.  
 Melting 1.00 Values \$ 251.79 .78  
 Refining .85 net value 250.09  
 Handling .63 Bars  
 other chg. Cash  
 tot. chgs. 2.48 Check

U. S. Assay Office at Seattle, Washington  
 Deposit number 803, Depositor W. D. Bowser, 803 East D Street, Grants Pass, Ore.  
 Date April 7, 1943, memos required by depositor 4, other data, silver price or  
 class 34¢, State Oregon, County Curry.

Description Kings Assay no. 916, weights before melt. oz Dec. 20.27, after  
 melt. oz. Dec. 20.27, assay certificate fineness, Au, 876, Ag. 176, base 148,  
 Refine cts. per oz. 4½, gold fine oz. 13.702, silver fine oz. 3.56

Melting 1.00, refining, .91, handling 1/3, other chg. 1.20  
 Values \$ 479.57 1.21  
 tot. chgs. 3.11  
 net. value 477.67, bars, cashs, check.

# COPY State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

No. 10752

TREASURY DEPARTMENT  
U.S. MINT SERVICE

This report is for the information of depositor, and is of no other value.

Memo. Report on (Au, Ag) Bullion deposited at the Mint of the United States at San Francisco.  
Nov. 8, 1940 by W. D. Bowser, P. O. Box 162, Grants Pass, Oregon (Robt. E.)

Description of Bullion	Weight		Gold		Silver	
	before melt	after melt	fineness	value	fineness	value at 34¢
	oz.	oz.	1,000ths	\$		\$
King	4.86	4.83	570½	96.43	124½	.20

Charges Net Value  
1.55 \$ 95.08

*bank charge \$2.00*

P. J. Haggerty  
Superintendent.

The net value of the above deposit is payable as follows:

No. 8807  
Oct. 11, 1940 by W. D. Bowser

Description	Weights		Au.		Ag.	
	before melt	after melt	fineness	Value	fineness	value at 34¢
King & Amal.	oz.	oz.	1000ths	\$		per fine oz.
	11.75	11.02	761½	298.79	148	\$ .55

Charges Net value  
2.23 292.11

*melting 5.00*

*bank charge 3.25 fine gold exp. 8.394*

*Peck Mine*  
P. J. Haggerty  
FOR SUPERINTENDENT

No. 5040  
Aug. 22, 1940 by W. B. Bowser

Description	weight		Gold		Silver	
	before melting	after melt	fineness	value \$	fineness	value/oz
8 Kings & Grs.	oz.	oz.	1000ths	\$		at 34¢ per fine oz.
18%	14.01	13.75	727½	349.85		.69

Charges net value \$  
2.49 348.03

*melting 5.00*

*bank expense 3.50 Peck Mine*

P. J. Haggerty  
for the Superintendent

No. 1892  
July 12, 1940 By W. D. Bowser, Box 162, Grants Pass, Oregon

Description	Weight		Gold		Silver	
	before melt	after melt	fineness	value	fineness	value at 34¢
ack.	oz.	oz.	100ths	\$		per fine oz.
	6.98	6.76	863½	204.33	128	.29

Charges net value \$  
.78 202.84

*bank expense 3.25 Peck Mine*

P. J. Haggerty  
for the superintendent

No. 1072  
July 2, 1940 by W. D. Bowser

Description	Weights		Gold		Value \$
	before melt.	after melt.	fineness	1000ths	
King	oz.	oz.			
	8.88	8.75	842½		258.09

SILVER  
fineness value at 34¢ per fine oz.  
130 .38

Charges net value \$  
2.00 256.47

*adv. 170.00  
Xp. 3.25  
10% 25.65  
came 52.57  
256.47*

P. J. Haggerty Superintendent



# State Department of Geology and Mineral Industries

copy

Memo Report on (au, ag,) Bullion deposited at the  
Assay Office of the United States at Seattle

702 Woodlark Building  
Portland, Oregon

No. 2931 Bar 2917

February 5, 1940 by W. D. Bowser

*Robert E. Triner*

Description	Weights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
<i>40 tons</i>	oz. 23.22	oz. 22.69	1000ths	\$		cents per fine oz.
			490	389.13	114	.88

*Rec'd R.E.*

Charges net value  
3.22 \$386.79

*3.15 - expense, melting chg. 5.00*  
383.64

G. E. Swawa

Assayer in charge

No. 2578 Bar 3494

December 26, 1939 by W. D. Bowser

*Robert E. Triner*

Description	Weight		Gold		Silver	
	before melt.	after metl.	fineness	value	fineness	value at 34¢
King & Retort	oz. 17.38	oz. 17.00	1000ths	\$		per fine oz.
			749 $\frac{1}{2}$	445.08	170	.98

Charges net value  
2.89 \$444.17

*Rec'd R.E.*

*2.85 - expense melting chg. 5.00*  
441.32

G. L. SWAWA

Assayer in charge

No. 2310 Bar 3180

Nov. 30, 1939 by W. D. Bowser

*Robert E. Triner*

Description	Wights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
King	oz. 21.71	oz. 21.70	1000ths	\$		per fine oz.
<i>40 tons</i>			709 $\frac{1}{2}$	539.04	166	1.22

Charges net value  
3.33 \$536.93

*Rec'd R.E.*

*3.10 - expense melting chg. 5.00 precipitates*  
533.83

No. 1977 Bar 2728

Nov. 6, 1939 by W. D. Bowser

*Robert E. Triner*

Description	Wights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
King & Retort	oz. 15.00	oz. 14.69	1000ths	\$		per fine oz.
<i>40 tons</i>			595 $\frac{1}{2}$	306.14	186	.93

Charges net value  
2.58 \$304.49

*Rec'd R.E.*

*2.25 - expense melting chg. 5.00*  
302.24

G. L. Swawa  
Assayer in charge

# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

MEMO REPORT ON (AU? AG) BULLION DEPOSITED AT THE ASSAY OFFICE OF THE UNITED STATES at Seattle.

No. 1259 Bar 1723

Sept. 20, 1939 by W. D. Bowser

*Robert E. Miner*

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
King & Retort	oz. 16.74	oz. 16.86	1000ths	\$	per fine oz.	
<i>30 tons</i>			461 $\frac{3}{4}$	264.39	120	.67

Charges	net value
2.56	\$262.50
	<i>250 expense</i>
	<u>266.00</u>

*R.E.* *melting charge 10.00*

C. L. Swawa  
Assayer in charge

No. 1519 Bar 2050

Oct. 6, 1939 by W. D. Bowser

*Robert E. Miner*

Button & Retort (description)	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
	oz. 7.54	oz. 7.20	1000ths	\$	per fine oz.	
			612 $\frac{1}{2}$	154.59	115	.28

Charges	net value
1.86	\$153.01
	<i>2.25 expense</i>
	<u>152.76</u>

*same tank as last.*

*melting chg. 10.00*

*R.E.*

C. L. SWAWA

ASSAYER in charge

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# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

San Francisco, Calif. Sept. 15, 1944

RETURNS OF

ORE

Selby Lot 4105

RECEIVED OF W. D. BOWSER  
P. O. Box 162  
By Grants Pass, Oregon  
AMERICAN SMELTING AND REFINING COMPANY  
Selby Smelting Works  
405 Montgomery St.

Shipping Point	Grants Pass, Oregon	32 Sacks	Weighing gross	2976	lbs.
		Tare		48	lbs.
				2928	lbs.
		Moisture	6.20 %	181.5	lbs.
		Samples		666	lbs.
date Rec'd.	8-26-44	NET DRY WEIGHT		2746.5	lbs.
		6			

ASSAYS & ANALYSIS	PERCENTAGES & PRICES	DEBITS	CREDITS
Sold 115.94 ozs. per ton	5.00 ozs. Less - % @		159.08
	110.94 ozs. Les - % @		3798.66
	ozs. Less - % @		
Silver 19.35 ozs. per ton	Less 1 ounce % @		12.96
Lead %			
Copper (wet) %			
Insol %			
Iron %			
Zinc %	Handling Sacks	75	
Sulphur %	As <del>30</del> over 1.0 = 12.2 @ 50¢	610	
Arsenic 12.90 %			
Antimony .30 %			
Bismuth %			
	Base Charge	1000	
	Total	1685	3970.70
	Value Per Ton		3953.85

Value of	2746.5 lbs. @ \$3953.85 per ton	5429.62
Sampling & Assaying - Actual		72.87
Reducing		
Burning, Grinding & Sifting		
Freight 2986 # @ \$1.01		30.16
3% Federal Tax		.90
	TOTAL	103.93
	NET PROCEEDS	5325.69

To be paid upon receipt by Us of Property executed Affidavit which will qualify the Silver content of this shipment for sale to the U. S. Government

17.80  
5307.89

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

ABBOT A. HANKS, INC.  
Engineers, Assayer, Chemists, Metallurgists  
Consulting - Testing - Inspecting  
Established 1866  
624 Sacramento Street  
San Francisco, California  
Telephone GARfield 1697

February 28, 1944

W. D. Bowser  
P. O. Box 162  
Grants Pass, Oregon

Dear Sir:

At your request we have made a qualitative spectrographic analysis of a sample submitted to our laboratory and have to advise you as follows:

Lab. No. 58707                      Mark: #1

Silicon	)	Large Amount
Iron	)	
Arbenic	)	Medium Amount
Aluminum	)	
Calcium	)	
Magnesium	)	Small Amount
Gold	)	
Silver	)	
Copper	)	Traces
Lead	)	
Nickel	)	
Cobalt	)	
Chromium	)	
Gallium	)	
Vanadium	)	

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Respectfully submitted,

ABBOT A. HANKS, INC.  
Original Signed by  
By P. T. Bee

PTB:BH

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

ABBOT A. HANKS, INC.

Chemists, Assayers, Metallurgists  
Supervision of Ore Shipments at Smelters  
624 Sacramento Street  
San Francisco, Cal.

September 13, 1944

W. D. Bowser  
P. O. Box 162  
Grants Pass, Oregon

Dear Sir:

At your request we have supervised the sampling and weighing of a Lot of High Grade Ore at Selby and wish to submit the following report:

## WEIGHTS

Received August 26, 1944

Car No. Truck 32 sacks, weighting Gross, 2976

Smelter's Lot No. 4105 Tare, 48

Our Laboratory No. 64047-48-49-50 Net, 2928

Free Metal 4 ounces  
2927 12 ounces

Gold, per ton 2,000 lbs.	114.10	118.91	117.17	113.42	oz. Troy
Silver per ton 2,000 lbs.	18.84	20.70	21.02	17.80	oz. Troy
Copper, wet.....					%
Lead, wet.....					%
Moisture.....				6.20	%

Average Assays Hanks	Gold 115.40	Silver 19.59
" " Smelter		

Corrected for Free Metal Gold 116.20 Silver 19.75

ABBOT A. HANKS, INC.  
Original Signed by  
By Jno. L. Martel

BH

# State Department of Geology and Mineral Industries

United States Mint At San Francisco Calif. Deposit 443 No. _____ Date Aug. 7, 1946 Depositor W. D. Bowser P. O. Box 162 Grants Pass, Oregon	COPY <b>BULLION DEPOSIT--MEMO REPORT</b> Memos Required _____ by depositor...3 Other data _____	702 Woodlark Building Portland, Oregon Silver Price _____ or class 90¢ Source Data State: Oregon County Curry Mine Robt. E
--	---	---

Description of Deposit	Assay No.	Weights Before Melt	After Melt	Assay certificate		
Amalgam Cake	501 Oz.	Dec. Oz.	Dec. Oz.	Au.	Ag.	Base
	10.19		9.98	865	119	018

Refin. Cts.	Gold--Fine Oz.	Silver--Fine Oz.
Per. Oz.	8.612	1.18

4

Payable by Check  
 Except as noted

NOTE--THIS REPORT IS FOR THE INFORMATION  
 OF THE DEPOSITOR AND IS OF NO OTHER VALUE

Pay: Grants Pass Branch	Melting	1.00	Values, \$	301.42	1.06
The First National Bank of Portland	Refining	.40	Net value	300.33	
Grants Pass, Oregon	Handling	.75	Bars		
	Other Chg.		Cash		
	Total Chg.	2.15	Check		

Calculator

U. S. Mint at San Francisco, Calif. Deposit No. 1965 Date May 29, 1946 Depositor, W. D. Bowser Box 162, Grants Pass, Oregon	BULLION DEPOSIT--MEMO REPORT Memos Required _____ by depositor 3 Other data _____	Source data Silver Price State Oregon or class 70¢ County Curry Mine Robt. E.
--	--	--

Description of deposit	Assay No.	Weights Before metl	after melt	Assay Certificate			Refin. Cts.
King & Grains	2538 Oz.	Dec	Oz. Dec	Au.	Ag	Base	Per Oz.
	8.59		8.39	770 $\frac{1}{4}$	105 $\frac{1}{2}$	124 $\frac{1}{4}$	4 $\frac{1}{2}$

Gold-Fine Oz.	Silver-Fine Oz.	
6.462	.88	

Payable by Check  
 Except as Noted

Note--This report is for the information of  
 the depositor, and is of no other value

Pay: Grants Pass Brach, The	Melting	1.00	Values \$	226.17	.62
First National Bank of	Refining	.38	net value	224.84	
Portland, Grants Pass, Oregon	Handling	.58	Bars		
	other Chg.		Cash		
	Total Chgs.	1.95	Check		

Calculator

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# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

U. S. Mint  
At San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Deposit Date Nov. 30, 1945 Memos Required Silver price Source data  
 No. 655 by depositor 3 or class 70¢ State Oregon  
 Depositor W. D. Bowser Other data County Curry  
 Box 162, Grants Pass, Oregon Mine Robt. E.

Description of deposit	Assay No.	Weights		after melt	Assay Certificate			Refin. Cts.	
		before melt	Dec		oz.	Dec.	Au.		Ag
amalgam	790	oz.	Dec	oz.	Dec.	Au.	Ag	Base	Per Oz.
		5.96		5.84		913	082	005	4
Gold Fine Oz.	Silver Fine Oz.								
5.331	.47								

Payable by check except as noted  
 Note this report is for the information of the depositor and is of no other value  
 Pay: First National Bank of Portland, Grants Pass Branch  
 Grants Pass, Oregon

Melting	1.00	Values \$	186.59	.33
Refining	.23	Net value	185.22	
Handling	.47	Bars		
Other chgs.		Cash		
Total chgs.	1.70	Check		

*Bank charge \$3.22* Calculator

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Deposit Date Oct. 18, 1945 Memos Required by Depositor 3 Silver Price or Source data  
 No. 456 Other data Class 70¢ State Oregon  
 Depositor W. D. Bowser, Box 162 County Curry  
 Grants Pass, Oregon Mine Robt. E.

Description of Deposit	Assay No.	Weights		after melt	Assay Certificate			Refin. Cts	
		before melt	Dec		oz.	Dec	Au.		Ag.
King	557	oz.	Dec	oz.	Dec	Au.	Ag.	Base	Per oz.
		13.88		13.85		821 $\frac{1}{2}$	121 $\frac{1}{2}$	057	4 $\frac{1}{2}$
Au Fine oz.	Silver Fine Oz.								
11.377	1.68								

Payable by check except as noted  
 Note this report is for the information of the depositor, and is of no other value.  
 Pay: First National Bank of Portland  
 Grants Pass, Oregon

Melting	1.00	Values	398.19	1.18
Refining	.62	Net value	396.75	
Handling	1.00	Bars		
Other Chg.		Cash		
Tot. chgs.	2.62	Check		

*Bank charge \$3.50*

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# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Date July 23, 1945  
 Deposit No. 123 - Memos required by depositor 3  
 Depositor W. D. Bowser Other data. Silver acquired for account  
 Box 162, Grants Pass, Oregon Metals reserve Co. State Oregon, County Curry,  
 Silver Price or class 44¢ Mine. Robt. E.

Description of deposit		Amalgam			Assay certificate fineness		Refin
Assay No. 144					Au. Ag. Base		Cts
Weights, Before melt		After melt				per oz.	
oz.	Dec	oz.	Dec	861½	130½	008	4
9.58		9.43					
Gold fine oz. (8.123)		11.111		Silver fine oz.		1.23	

Payable by check except as noted Note this report is for the information of the depositor and is of no other value.  
 Grants Pass Branch, The First Melting 1.00 Values \$ 284.31  
 National bank of Portland Refining .38 Net value 282.76  
 Grants Pass, Oregon Handling .71 Bars  
 Other chg. Cash  
 U.S. tot. chgs. 2.09 Check *bank charge \$3.38*

Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Date May 28, 1945 Silver Price or class 44¢  
 Deposit No. 1257 Memos required by depositor 3 State Oregon  
 Depositor W. D. Bowser Other data Silver acquired for County Curry  
 Box 162, Grants Pass, Oregon account Metals Reserve Co. Mine Robert E

Description of deposit		Amalgam			Assay certificate fineness		Refin
Assay No. 1461					Au. Ag. Base		Cts
Weights, Befor melt		After melt				Per oz	
oz.	Dec.	oz.	Dec	851½	143	005½	4
6828.32		27.34					
Au fine oz. 23.286		Ag. Fine oz.		3.90			

Payable by check except as noted. This report is for the information of the Pay: First National Bank of Portland depositor and is of no other value  
 Grants Pass, Oregon Melting 1.00 values \$ 815.01 1.72  
 Refining 1.09 net value 812.60  
 Handling 2.04 Bars  
 Other chg. Cash  
 tot. chgs. 4.13 Check *bank charge \$5.50*

U. S. Mint at San Francisco, Calif. **BULLION DEPOSIT MEMO REPORT**  
 Date Apr. 9, 1945 Memos required by Silver price or Source data  
 Deposit no. 1101 depositor 3 class 44¢ State Oregon  
 Depositor W. D. Bowser Other data Silver acquired for County Curry  
 Box 162, Grants Pass, Oregon Metals Reserve, Co, account Mine Robert E

Description of deposit		Assay number 1283			Assay certificate fineness		Au fine oz
of deposit King					Au Ag Base Refin		6.346
Weights before metl		after melt				Cts per oz	
Oz.	Dec	oz.	Dec	722	142	136	4½
8.83		8.79		Ag fine oz		1.24	

Payable by check except as noted Note this report is for the information of the depositor, and is of no other value  
 Pay: First National Bank of Portland, Grants Pass, Oregon Melting 1.00 Values \$ 222.11 .55  
 Refining .40 net value 220.70  
 Handling .56 Cash  
 Other chg. bars  
 tot. chgs. 1.96 check

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# State Department of Geology and Mineral Industries

U. S. Mint at San Francisco, Calif. **COPY** 702 Woodlark Building  
Portland, Oregon  
**BULLION DEPOSIT MEMO REPORT**  
 Deposit no. 970 Memos required 3 Silver price or class 44¢ State Oregon  
 Depositor W. D. Bowser date Feb. 24, 1945 County Curry  
 Box 162, Grants Pass, Oregon Other data Silver acquired for Mine Robt. E  
 Metals Reserve Co. account

Description of deposit Amalgamck Assay Certificate fineness		Refin Cts
Assay No. 1122	Ag Au Base	Per oz.
Weights before melt	after melt	143 850 $\frac{1}{2}$ 006 $\frac{1}{4}$
oz. Dec	oz. Dec	4
26.60	26.19	Au fine oz 22.281 Ag fine oz 3.74

Payable by check Note this report is for the information of the depositor  
 except as noted and is of no other value.

Pay: First National Bank of Portland, Grants Pass, Oregon	Melting 1.00 Refining 1.05 Handling 1.95 other chg. tot. chgs. 4.00	Values \$ 779.83 net values 777.48 Bars Cash Check	1.65
--	---	--	------

U. S. Mint at **BULLION DEPOSIT MEMO REPORT**  
 San Francisco, Calif. Date Jan, 2, 1945 Silver price or class 44¢  
 Deposit no. 775 Memos required by depositor 3 State Oregon, County Curry  
 Depositor W. D. Bowser, Other data Silver acquired for Metals Mine, Robert E  
 Box 162, Grants Pass, Oregon Reserve Co., account

Description of deposit: King Assay Certificate fineness		Refin Cts	Per oz	4 $\frac{1}{2}$
Assay No. 895	Au 802 $\frac{1}{2}$ Ag 133 $\frac{1}{2}$ Base 004			
Weights Before melt	After melt	Au fine oz. 21.005	Ag fine oz 3.51	
oz. Dec	Oz. Dec			
26.51	26.30			

Payable by check Note this report is for the use of the depositor and is of  
 except as noted no other value

Pay: First National Bank of Portland, Grants Pass, Oregon	Melting 1.00 Refining 1.03 Handling 1.85 other che. tot. chgs. 4.03	Values \$ 738.68 net value 736.19 Bars Check Cash	1.54
--	---	---	------

-6-

U. S. Mint at San Francisco, **BULLION DEPOSIT MEMO REPORT**  
 Calif. Memos required by depositor 3 Silver price or class 44¢ State Oregon  
 Deposit no. 1323 Date Mar 18, 1944 Other data Silver acquired for County Curry  
 Depositor W/ D. Bowser Box 162 Metals Reserve Co. account Mine Robert E  
 Grants Pass, Oregon

Description of deposit King Assay No. 1493		Weights before metl	after melt
Assay Certificat fineness Au 762 $\frac{1}{2}$		oz Dec 6.30	oz. Dec 6.27
Ag 152 $\frac{1}{2}$ Base 085 $\frac{1}{4}$	Refin Cts Per oz. 4 $\frac{1}{2}$	Gold fine oz 4.779	Ag fine oz. .95

Payable by check except as noted. This report is for the information of the  
 depositor and is of no other value

Pay: The first national Bank of Portland, Grants Pass, Oregon (10 tons ore)	Melting 1.00	Values \$ 167.27	.41
	Refining .28	net value 165.98	
	Handling .42	Bars	
	other chg.	Cash	
	tot. chg. 1.70	Check	

State Department of Geology and Mineral Industries

U. S. Mint at San Francisco, Calif. COPY 702 Woodlark Building  
 Deposit no. 1210 Depositor W. D. Bowser, Box 162, Grants Pass, Portland, Oregon  
 region. Date Feb. 19, 1944 Memos required by depositor 3 other data, Silver  
 acquired for Metals Reserve Co. account, Silver price or class 44¢ State, Oregon  
 County Curry, Mine, Robert E.

Description of deposit Amalcks, Assay no. 1350, Weights before melt after melt  
 Assay Certificate fineness Au 848½ Ag 143½ Base oz. Dec. 18.34 oz. Dec 18.16  
 Refine Cts. Per oz. 4, Gold fine oz 15.404 008½  
 g fine oz. 2.60

Pay: Grants Pass Branch, The First National ~~Bank~~ Bank of Portland, Grants Pass  
 region. (20 tons ore)  
 Melting 1.00 Values \$ 539.14 1.14  
 Handling 1/35 net value 537.20  
 Refining .73 Bars  
 other chgs. 1.35 Cash  
 tot. chgs. 3.08 Check

U. S. Mint at San Francisco, California. Deposit no. 999, Depositor W. D. Bowser  
 Box 162, Grants Pass, Oregon. Date Jan 3, 1944, Memos required by depositor 3  
 other data Silver acquired for Metals Reserve Co. account, Silver price or class  
 4¢ Source data, State, Oregon, County, Curry, Mine, Robert E.

Description of deposit Kings & amalgam Assay no, 1107, Weights before melt  
 after melt Oz. Dec 28.43. Assay certificate fineness Oz. Dec. 28.54  
 Refine Cts. Per oz. 4½ Au. 785½ Ag 124½ Base 090½ Au fine oz. 22.324  
 g fine oz. 3.53

Pay: The First National Bank of Portland, Grants Pass, Oregon. (50 tons ore).  
 Melting 1.00 Values \$ 781.34 1.58  
 Refining 1.28 net value 778.66  
 Handling 1.95 Bars  
 other chg. Cash  
 tot. chgs. 4.23 Check

U. S. Mint at San Francisco, California, Deposit no. 156, depositor W. D.  
 Bowser, Box 162, Grants Pass, Oregon. Date July 14, 1943, memos required by  
 depositor 3, other data Silver acquired for Metals Reserved Co. account.  
 Silver price or class 44¢. Source data, State Oregon, County Curry, Mine  
 Robert E.

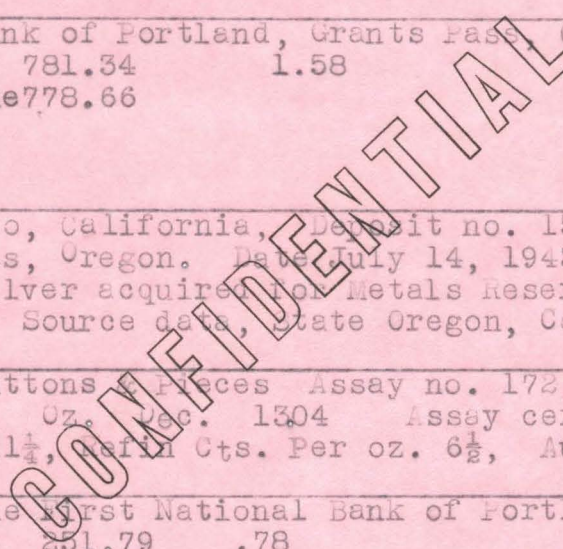
Description of deposit, Buttons & Pieces Assay no. 172, Weights before melt  
 z. Dec. 13.40 after melt, Oz. Dec. 13.04 Assay certificate fineness  
 Au. 551½ Ag. 137, Base 311½ Refine Cts. Per oz. 6½, Au, fine oz, 7.194  
 g, fine per oz, 1.78

Pay: Grants Pass Branch, the First National Bank of Portland, Grants Pass, Ore.  
 Melting 1.00 Values \$ 251.79 .78  
 Refining .85 net value 250.09  
 Handling .63 Bars  
 other chg. Cash  
 tot. chgs. 2.48 Check

U. S. Assay Office at Seattle, Washington  
 Deposit number 803, Depositor W. D. Bowser, 803 East D Street, Grants Pass, Ore.  
 Date April 7, 1943, memos required by depositor 4, other data, silver price or  
 class 34¢, State Oregon, County Curry.

Description Kings Assay no. 916, weights before melt. oz Dec. 20.27, after  
 melt. oz. Dec. 20.27, assay certificate fineness, Au, 676, Ag. 176, base 148,  
 Refine cts. per oz. 4½, gold fine oz. 13.702, silver fine oz. 3.56

Melting 1.00, refining, .91, handling 1/7, other chg. 1.20  
 Values \$ 479.57 1.21  
 tot. chgs. 3.11  
 net. value 477.67, bars, cashs, check.



# State Department of Geology and Mineral Industries

No. 10752

TREASURY DEPARTMENT  
U.S. MINT SERVICE

702 Woodlark Building  
Portland, Oregon

This report is for the information of depositor, and is of no other value.

Memo. Report on (Au, Ag) Bullion deposited at the Mint of the United States at San Francisco.  
Nov. 8, 1940 by W. D. Bowser, P. O. Box 162, Grants Pass, Oregon (Robt. E.)

Description of Bullion	Weight		Gold		Silver	
	before melt	after melt	fineness	value	fineness	value at 34¢
	oz.	oz.	1,000ths	\$		\$
King	4.86	4.83	570½	96.43	124½	.20

Charges Net Value  
1.55 \$ 95.08 *bank charge 2.00*

P. J. Haggerty  
Superintendent.

The net value of the above deposit is payable as follows:

No. 8307  
Oct. 11, 1940 by W. D. Bowser

Description	Weights		Au.		Ag.	
	before melt	after melt	fineness	Value	fineness	value at 34¢
	oz.	oz.	1000ths	\$		per fine oz.
King & Amal.	11.75	11.02	761¾	293.79	148	\$.55

Charges Net value *melting - 5.00*  
2.23 292.11 *bank charge 3.25* *fine gold of 8.394*

P. J. Haggerty  
FOR SUPERINTENDENT

*Pick Mine*

No. 5040  
Aug. 22, 1940 by W. D. Bowser

Description	weight		Gold		Silver	
	before melting	after melt	fineness	value \$	fineness	value/oz
	oz.	oz.	1000ths	\$		at 34¢ per fine oz.
2 Kings & Grs. <i>10%</i>	14.01 <i>34.50</i>	13.24	727½	349.83		.69

Charges net value \$ *melting 5.00*  
2.49 348.03 *bank expense 3.50* *fine gold of 8.394*

P. J. Haggerty  
for the Superintendent

*Pick Mine*

No. 1892  
July 12, 1940 By W. D. Bowser, Box 162, Grants Pass, Oregon

Description	Weight		Gold		Silver	
	before melt	after melt	fineness	value	fineness	value at 34¢
	oz.	oz.	100ths	\$		per fine oz.
Ack.	6.98	6.76	863¾	204.33	128	.29

Charges net value \$  
1.78 202.84 *bank expense 3.25* *Pick Mine*

P. J. Haggerty  
for the superintendent

No. 1072  
July 2, 1940 by W. D. Bowser

Description	Weights		Gold		Value \$
	before melt.	after melt.	oz.	fineness	
	oz.	oz.	1000ths		
King	8.88	8.75	842¾		258.09

SILVER  
Fineness value at 34¢ per fine oz. 130 .38  
Charges net value \$  
2.00 256.47  
*adv. 170.00*  
*xp. 3.25*  
*10% 25.65*  
*come 32.51*  
P. J. Haggerty Superintendent

*Pick Mine*

*256.47*

# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

No. 26339

Memo Report on (Au, Ag) Bullion deposited at the mint of the United States  
at San Francisco.

June 5, 1940 by W. D. Bowser

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
ck. & king	oz. 13.43	oz. 13.12	1000ths 739½	\$ 339.43	118½	.53

Charges net value \$ 337.52

*Pack fine melting charge 5.00 adv. 250*  
*10% Rg 33.75*  
*x.p. 3.25*  
*came 50.52*  


---

*337.52*  
P. J. Haggerty  
 Superintendent

No. 23937  
July 7, 1940 by W. D. Bowser

Description	Weight		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
mal. ck & Kings	oz. 25.95	oz. 25.36	1000ths 763½	\$ 677.67	147½	1.27

Charges net value \$ 675.11

*bank charge 4.26*  
*melting " 6.00*  
*fine gold oz. 14.36 of*  
P. J. Haggerty  
 Superintendent  
*Pack fine*

No. 20018  
March 15, 1940 by W. D. Bowser

Description	Weights		Gold		Silver	
	before melt	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
King	oz. 12.81	oz. 12.80	1000ths 690	\$ 309.12	143	.62

Charges net value \$ 307.27

*expense 2.83 of*  
*fine gold 8.83 of*  
*melting charge 5.00*  
P. J. HAGGERTY  
 Superintendent  
*Pack fine*

No. 18443  
Feb. 23, 1940 by W. D. Bowser

Description	Weights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢ per fine oz.
King	oz. 11.21	oz. 11.06	1000ths 727	\$ 281.40	138	.52

Charges Net value 279.72

*expense 2.65*  
*melting charge 5.00*  
P. J. HAGGERTY  
 Superintendent

# State Department of Geology and Mineral Industries

copy  
Memo Report on (au, ag,) Bullion deposited at the  
Assay Office of the United States at Seattle

702 Woodlark Building  
Portland, Oregon

No. 2931 Bar 2917

February 5, 1940 by W. D. Bowser

*Robert E. Mine*

Description	Weights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34
Kings & Retort	oz. 23.22	oz. 22.69	1000ths	\$		cents per
			490	389.13	114	fine oz.
						.88

*40 tons*

*Pick R.E.*

Charges	net value
3.22	\$386.79
	<i>3.15</i>
	<u>383.64</u>

*melting chg. 5.00*  
*expense 3.15*

*Robert E. Mine*

*p.l.m.*

G. L. Swawa

Assayer in charge

No. 2578 Bar 3494

December 26, 1939 by W. D. Bowser

*Robert E. Mine*

Description	Weight		Gold		Silver	
	before melt	after metl.	fineness	value	fineness	value at 34¢
King & Retort	oz. 17.38	oz. 17.00	1000ths	\$		per fine oz.
			749 $\frac{3}{4}$	440.98	170	.98

Charges	net value
2.89	\$444.17
	<i>2.85</i>
	<u>441.32</u>

*Pick R.E.*

*melting chg. 5.00*  
*expense 2.85*

G. L. SWAWA

Assayer in charge

No. 2310 Bar 3180

Nov. 30, 1939 by W. D. Bowser

*Robert E. Mine*

Description	Wights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
King	oz. 21.71	oz. 21.70	1000ths	\$		per fine oz.
			709 $\frac{3}{4}$	539.04	166	1.22

Charges	net value
3.33	\$536.93
	<i>3.10</i>
	<u>533.83</u>

*Pick R.E.*

*expense 3.10*  
*melting chg. 5.00*  
*precipitates*

No. 1977 Bar 2728

Nov. 6, 1939 by W. D. Bowser

*Robert E. Mine*

Description	Wights		Gold		Silver	
	before melt.	after melt.	fineness	value	fineness	value at 34¢
King & Retort	oz. 15.00	oz. 14.69	1000ths	\$		per fine oz.
			595 $\frac{1}{2}$	306.14	186	.93

Charges	net value
2.58	\$304.49
	<i>2.25</i>
	<u>302.24</u>

*Pick R.E.*

*expense*  
*melting chg. 5.00*

G. L. Swawa

Assayer in charge

# State Department of Geology and Mineral Industries

COPY

702 Woodlark Building  
Portland, Oregon

MEMO REPORT ON (AU? AG) BULLION DEPOSITED AT THE ASSAY OFFICE OF THE UNITED STATES at Seattle.

No. 4259 Bar 1723  
Sept. 20, 1939 by W. D. Bowser

*Robert E. Mine*

Description	Weight	after melt.	Gold		Silver	
			fineness	value	fineness	value at 34¢
King & Retort	before melt.	after melt.	1000ths	\$		per fine oz.
	oz. 16.74	oz. 16.36	461 $\frac{3}{4}$	264.39	120	.67

*30 tank*  
Charges net value  
2.56 \$262.50  
2.00 - expense  
260.00

*R.E.* *melting ch. 10.00*

G. L. Swawa  
Assayer in charge

No. 1519 Bar 2050  
Oct. 6, 1939 by W. D. Bowser

*Robert E. Mine*

Button & Retort (description)	Weight	after melt	Gold		Silver	
			fineness	value	fineness	value at 34¢
	before melt.	after melt	1000ths	\$		per fine oz.
	oz. 7.54	oz. 7.20	613 $\frac{1}{2}$	154.59	115	.28

Charges net value  
1.86 \$153.01  
2.25 - expense  
150.76

*same tank as last. R.E.*  
*melting ch. 10.00*

L. SWAWA  
ASSAYER in charge

CONFIDENTIAL

Robert E. Beck

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number 773-6

Grants Pass, Oregon  
~~Backxxxxxx~~

July 14, 1939

Sample submitted by J. E. Morrison

Grants Pass, Oregon

Sample description 4 samples taken from Old Robert E. Mine

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Sample Number	GOLD		SILVER		Percent	Value	Percent	Value	Total Value
	Ounces per ton	Value	Ounces per ton	Value					
No. 1	0.05	1.75	Trace						\$1.75
" 2	0.01	0.35	Trace						\$0.35
" 3	Trace		Blank						
Tail! 4	0.63	22.05	0.6	0.42					\$22.47

Market Quotations:

Gold \$ 35.00 per oz.  
 Silver \$ 0.70 per oz.  
 \$ per oz.  
 \$ per oz.

STATE ASSAY LABORATORY

*Albert A. Lewis*  
Assayer

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
ASSAY LABORATORIES

Baker, Oregon  
Grants Pass, Oregon

SAMPLE INFORMATION REQUESTED

The law passed by the Legislature, governing the free assaying and analyzing of samples sent to a State Assay Laboratory, provides that certain information be furnished to the Laboratory regarding samples sent for assays, etc. A copy of the law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for in the following blank, as far as possible, and return the same to the nearest State Assay Laboratory, along with your sample. If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full . . . *J. E. Morrison* . . . . .  
Postoffice address . . . . .  
Are you a citizen of Oregon? . . . . . Date on which sample is sent. *7/10/39*  
Name (or names) of owners of the property . . . . . *U.S.A.* . . . . .  
Name of particular claim and date of location *Old Robert E. Mine.* . . . . .  
Location of property or source of sample:  
(1) County. *Curry* . . . . . (2) Mining District *Chitwa* . . . . .  
(3) Township. *38S* . . . . . (4) Range. *10 W.* (5) Section *23* . . . . .  
(6) Quarter Section . . . . .  
How far from passable road? *12 miles?* . . . . .  
For what do you wish sample tested? . . . . . *gold* . . . . .  
Does your sample represent a new discovery? . . . . . *no* . . . . .  
On a newly located claim? . . . . . *no* . . . . . Old? . . . . . *yes* . . . . .  
Has any ore from this claim been milled or shipped? . . . . . *yes* . . . . .  
Width of ore where sample was taken (length of channel cut) *4 samples.* . . . . .

Remarks: The Department would be pleased to have you add to the above, such information as you think would be of interest and value. Use the reverse side of this sheet or a separate sheet. This could best be shown by a pencil sketch, indicating the development on the claim with the widths of vein, especially the width of ore at the place where this sample was taken.

A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value. They create but little interest in the minds of experienced investors and engineers.

(signed) *J. E. Morrison*

(Over)