

REWARD

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number 74-11-8
75-11-8

Grants Pass, Oregon
Baker, Oregon

Nov. 22, 1938

Sample submitted by Earl K. Nixon Portland

Sample description Platner Quicksilver Mine samples: #1 -- From #2 Open cut crest of
ridge. #2 -- Composite sample.

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		QUICKSILVER			Total Value
	Ounces per ton	Value	Ounces per ton	Value	Percent	Lbs./ton Value	Percent	
1					0.09	1.8		<i>A</i>
2					0.23	4.6		

Market Quotations:

Gold \$ per oz.
Silver \$ per oz.
 \$ per lb.
 \$ per lb.

State Assay Laboratory

Leslie R. White
Assayer

WERNER, J. A.

6538 N. Montana Avenue
Portland, Oregon

(Have no phone of their own, but can be reached at MURdock 2703)

Plattner

Plattner (Bear Creek Mercury Co.)

Hwy. 58.3

57.9 rd to E.

57.6 rd to W.

Crook Co
Bear Ch Dist.

Owner: J. A. Werner, Pomeroy Box 299. Lessee (Mrs Plattner, owner)

Location: Sec. 18-19, T. 18 S., R. 17 E.

1 m. W. of Bear Ch Hwy.

Equipment: 12" Dodge-type crusher, automatic belt feed, 3x15' Gould; burner up & out; out at lower.

Area: 15 claims grouped. } small surface, 9 15' stacks, 14" diam; fan, box, stack. I-R. compressor.

History: Disc. 1931 by Mrs. Plattner.

Started work in Feb. 1931

Cooled

Leased by Werner in 1939.

Produced 15 flasks.

35# in old tube

Built new furnace in 1940, April. Made first run then.

Climate: semi-arid; Topog. moderate (old surface, ^{measured} ~~measured~~ 250 feet.)

Sta. ① Gap claim. 10' cut just N. of E-W fence. N55°E - 225' to 15' shaft. ②

② Faults N30°W-75°E; and N35°W-85°E; 25' apart, composed of quartz and jasper. Paris Hq. lies in tuff-agglom. (N25°W 1/2 mile to workings)
Thence S10°W-150' to location pit. Thence S25°E-20' to fence

③ on ore outcroppings. Dike S30°E along E. side - 60' " - 40' to open cut ③
(Face dips 70°W). Quartz cementation - breccia makes up dike here.

From ③, dike also runs S70°W towards ①.

S30°E - add. 45' ^{side} ~~side~~ N45°E-20' across dike to 10' pit. ④

④ Fault on E side N30°W-75°E. Also vertical faults w. white quartz & comminuted powder (Sp. —)

S30°E-75' to E. end of open-cut across dike running:

S75°W-20' (width of dike). Dips W on W & E on E side.

Ore commonly found in brownish jasperoid-breccia.

S15°E-430' along W. ^{side} fault. To saddle at ⑤

Rib runs N due on E side for 200' FTP, dips 75E.
Turns here.

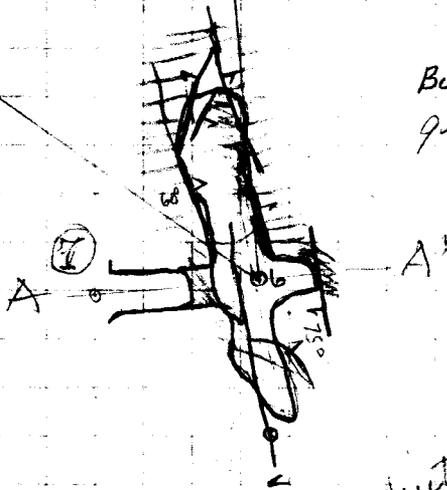
" -55' to N. end of gey-hole on 60° fault. Ore 2-4' wide
in tuff on top of fault.

" -60' to S. end of g.h.



Plattens

Scale 30' = 1"



Bwd's eye
grey

grey andesite
under birdseye.

Cont:

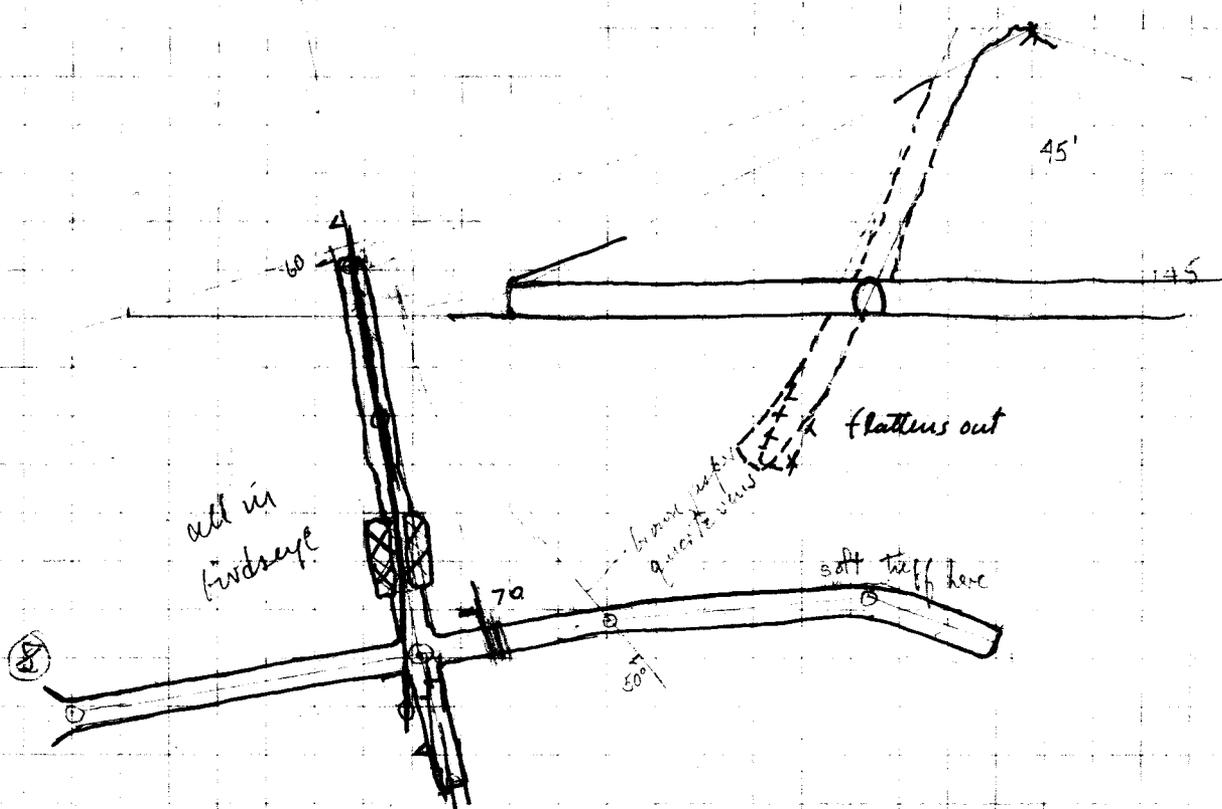
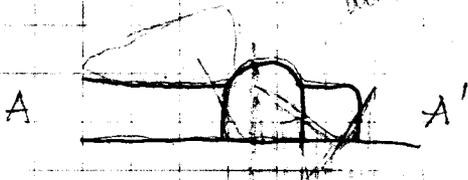
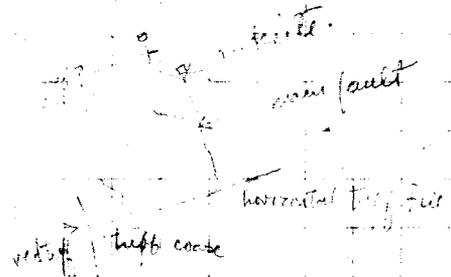
1. Worn almost out other side of hill.
2. Property too spotty, only... flashes, and thousands of feet of work.

Rice: 1. Mine #2 in lower tunnel.

2. E. crosscut in north drift #8.

3. Wmine in #8

lower tunnel:



all in
birdseye

flattens out

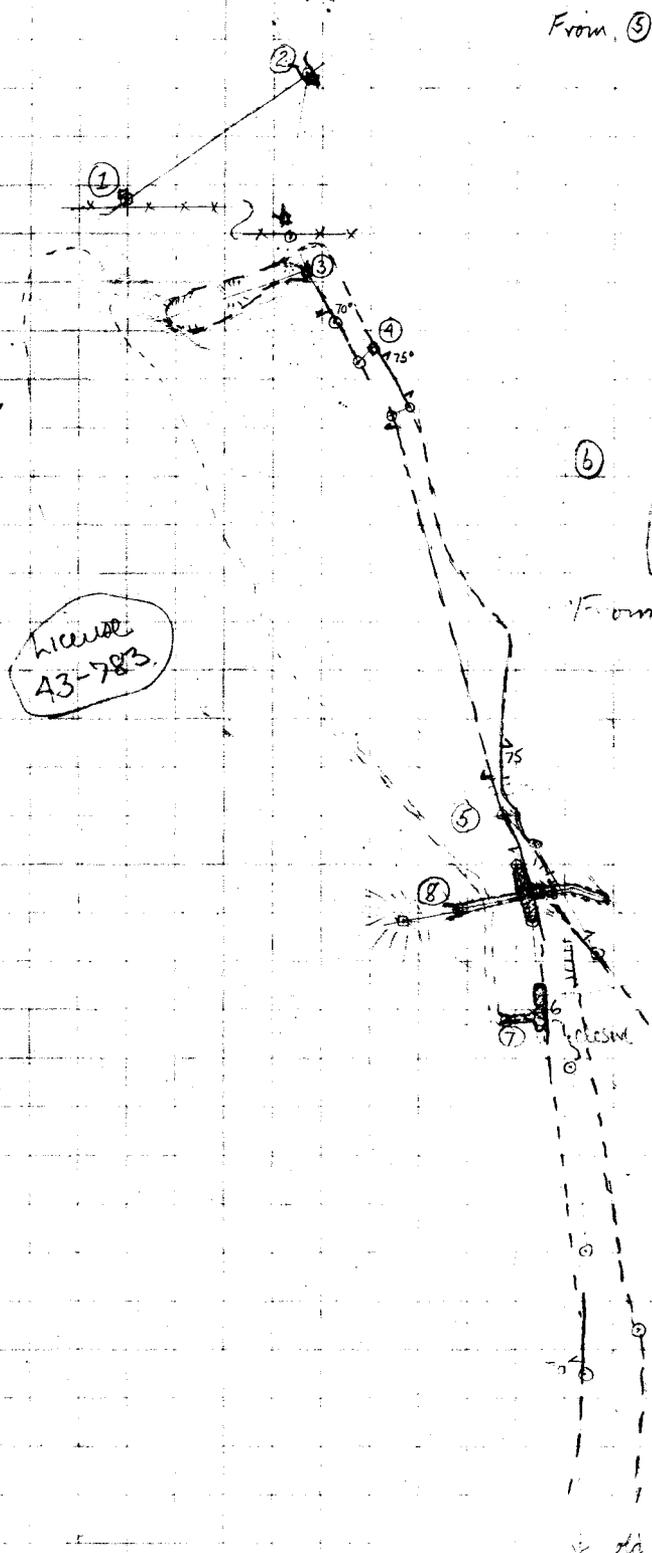
brown sandy
quartzite

soft tuff here

Plattner -

April 19, 1941

Scale 200' = 1" Upper (North) workings Plattner



From ⑤ S45°E-40' E side ore. To Castle Dike, & pit 20'E. of main
 S30°E-110'
 S35°E-190' to good crops on E side " " SW, S40°E-65°E
 S40°E-100' (corner post)
 S55°E-25' and on to Castle 300 yds beyond.

S50°W-210' to N. side Main.
 " 70' " S. side " Stick N-S-70°W
 North-125' along S " " Jog 20' to E.

N5°W-190' to groyhole & tunnel jete. ⑥

⑥ N5°W, - along fault, 100' to Tie in. Due W to
 N55°W to dump frame lower tunnel
 S85°W to mouth tunnel 25'

From ⑦ N58°W-50' road. + 100' frame. #8

⑧ N80°E-60' to portal,

S80°W to MILL 300' E

" 55' to drift.

S15°E-20'

" 30'.

N10°W-10' E end raise &

N85°E-40' - 10' S

" 10' W " " " "

S70°E-20' face.

" 40' face.

Up 18° to box, lower frame.

Send maps to Werner
 when made, also
 report & suggestions

(3.5 lbs) on 100 tons

65°
 corner post

to Castle

to workings



State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Plattner Mine, (quartz)
Bear Creek Dist.
Crook Co.

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The ore bodies that have been worked out in the north workings are extremely irregular and discontinuous. Probably they are so small that they are uneconomic, in relation to the amount of work done to reach them; especially as they do not seem to have been of very high grade.

Ore from the south workings seems to have been of low grade with only minor exceptions. For the amount of work done here, the results have been negligible. Further geologic work should be done here.

It was recommended that the following would be that best way to develop (if further work is to be done, which is of doubtful worth):

- (1) Continue winze in drift in #8. Ore shows here, and ore has been taken out of fair grade. It is possible that further ore may be developed on this proven shoot.
- (2) An ore shoot extending below water-level appears in the south workings. Ore has been stoped above this level, but little has been done below.

In other words, follow the ore! Mostly down!

I have yet to see anything very encouraging in the Bear Creek District. Further more detailed geologic work on the Plattner might be of value, but so far, indications are not encouraging.

John Eliot Allen