

Bonneville Mercury - Sec. 12, Twp. 39, Range 93

At the "deep pit" which goes to a depth of 68' according to the report of Mr. Grayson, G. W., the average of 14 (?) samples indicated 1 lb., 8.48 oz. of Hg. (see Grayson report, p. 12). As far down as could be seen, the pit was in gravel - Wind River fm. according to the State Geol. Map.

The gravel consists of diorite, granite, and several metamorphic rocks, such as schist gneiss and quartzite.

Another pit in Sec. 14.

About a mile or two N. of the first pit Mr. Stafford says is alum and sulphur, probably indicating some hot-spring activity.

Another pit in Sec. 24. Another in Sec. 12.

Apparently the Hg in the pits and dumps is leached by weathering because a year after the original samples were assayed, the Hg content decreased considerably.

This appears to be a case of careful trenching and pitting.

(Writer visited the area with John Hanley, Chas. Stafford, and Mr. Royce.)

Bonneville Mercury S12, T39, R93

16-VIII-42 At the "deep pit" which goes to a depth of 68' according to the report of Mr. Grayson, G.W. The average of 14 (2) samples indicated 1.65-8.18% of Hg (See Grayson report pg 12) Run down as could be seen the pit was in gravel - Wind, however according to the State Geologic Map

The gravel consists of diorite, granite, and several metamorphic rocks such as schist, gneiss, and quartzite.

Another pit in S14.

About a mile or two N of the first pit the stopped mercury alarm + seismograph probably indicating some local seismographic activity.

Another pit in S24. Another in S12

Apparently the Hg in the pits + seismographs is leached by weathering because a year after the original samples were used the Hg content decreased considerably.

There appears to be some careful boundary and pitting.

(Written with John Hanley, Chem. Dept. + Mr. Coyce)