South Side of Open Pit

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(Holes 1-5)
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North Side of Open Pit

Plan is on reverse of this page
Sketch Plan of Pioneer Mine
Showing Location of Drill Holes

Pioneer Mine
Open Pit

Scale: $\frac{1}{8}'' = 100'$ (Approx.)
old drift, timbered and caved
675' = Sea Level

Apr 16 - Pioneer 12:30 AM
Station 1 = 300' (paced) E of SW Corner
claim on S.D. Road W of Donkey
engine, 01 = 10th S Side wood
Road - stations 100' apart (paced) going N.

Dip needle reading S at:

1° = $4.12\, 3.7\, 16\, 32$
    $4.12\, 42\, 16\, 37.20\, 32\, 28\, 17.3$

    facing W = 17

    facing E = 29

2° = $3.2\, 4\, 30\, 6\, 3.8\, 7\, 26.9\, 14.2$
    $4.10\, 42\, 16.38.20\, 35\, 23\, 2.30$

    E = 29

3° = $3.9\, 13\, 3.5\, 1.9\, 3.2\, 22\, 16.0$
    $3.6\, 3\, 3.3\, 1.3.2\, 6.30.8\, 21.8\, w = 18.4$

    E = 26.0

4° = $4.4\, 10.3.4\, 14.3.5\, 16.3.3.18.3.1.20$
    $2.8\, 10\, 26.12\, 24.13.2.15.15.0$

    W = 19

5° = $3.8\, 14\, 3.3\, 1.9\, 20\, 22.28\, 23\, 20.7$
    $w = 2.6$
    $2.8\, 26.11.25.1.4.23.26.16.1$
6 is on floor of pit 15'-0" W of E of line

$\text{E of 06} = 850$

Apr. 17 - After adj. of dip needle
Checked 06 - facing W - 19.5

\begin{align*}
(915) & \ 5 \ - \ \ \ \ \ \ 18.5 \ \text{on S. edge of pit} \\
(908) & \ 4 \ - \ \ \ \ \ \ 19.0 \\
(910) & \ 3 \ - \ \ \ \ \ \ 17.5 \\
(917) & \ 2 \ - \ \ \ \ \ \ 18.0 \\
\text{E of 06} = (917) & \ 1 \ - \ \ \ \ \ \ 18.0
\end{align*}
Apr. 17  07 at ft. angle to 01 going E.  07 = 100' E of 01  E1.01 = 916

07 facing W.  17.0

08  18.0  (100' E of 07)

09  18.0  (     08)

010 is 100' W of 01  Elev. #10 = 908

010 facing W.  = 17.5

011  = 17.5

(No reading 100' W of 011 at cor. post +
012 is 200' W of 011  Elev. 900)

012 facing W  = 18.0

013  W = 17.5  013 is on N side of big pit

014  = 18.0 = 100' E of 013
1. Swing between Bondan & Long Lois:  
   Needle: 19.0°

2. Butler Mine:  
   2 readings: each: 20.0°

3. Madden Mine:  
   2 readings: 21.0°  
   1°: 17.0° 2 between giant  
   1°: 22.0° 3 over giant.

4. Cape Blanco: 200' SE of camp on beach  
   (no black sand layer on top)  17.0°

5. " " 500" "  " 20.  
   (black sand layer on top)

6. " " 200" "  " 20.  

7. " " 17.  
   Campmen Trailings on beach  19.

   Bottle Black Sand.

   Henry property at mouth of  
   Myers Creek - Below tourist cabin  
   on top of hill.

7. Wedgeburn beach sand  
   20.5°
   20.5°
elev.

930.016 was 18.0° = 100'E of 015

910.017 was 17.0° = 100'W of 013 (barometer taken at same elev. about same as 13)

882.018 was 17.5° = 100'W of 017

860.019 was 17.0° = 100'W of 018

882.020 was 20° = 100'N of 013

855.021 was 18.5° = 100'N of 020 (barometer should be a little higher)

882.022 was 18.0° = 100'N of 021 (S.Edge of pit, Eagle)

855.023 was 17.5° = about 350'W of the road near camp, Eagle

870.024 was 18.0° = 100'N of 023 (West side)

870.025 was 17.5° = 100'N of 024 (350', 0.07 higher)

868.026 was 19° = 100'N of 025

869.027 was 18.0° = 100'N of 026
8. Chickamauga - 18.5 at tunnel
9. on Trail above ridge 20.0
10. on side trail up 4 hill at 34 of field trail
11. At schoothouse 18.0° 19.0