

Mining Dials

No. 60. — Improved Hedley dial 5 in., this instrument is now constructed on greatly improved lines. The vernier is fixed outside the compass box and at an angle of 40 degrees to the line of sight, the edge of the horizontal circle is chamfered and so figured that the reading of the vernier checks the reading of the needle, the graduation of this circle is protected. A tangent screw is provided which always occupies the same relative position to the clamps. This instrument is fitted with an improved arc for reading the vertical angles, with slow motion tangent screw and clamp. cross



No. 60



No. 71

bubble, vertical arc with paralalled plates, in case with improved sliding tripod \$125.00

Telescope and supports in addition to sights, extra \$40.00

No. 70.—Water Levels in brass, very strong, in three parts by connecting the two levels with rubber tubing, levels of machinery, etc., at different place can be taken, in case \$9.00

No. 71.—Vernier Pocket Compass, with folding sights, $3\frac{1}{4}$ in., bar needle, agate cap, 2 levels, nonius on side of compass for adding and subtracting magnetic variations, Jacob staff mountings, in case, each \$18.00

No. 72.—Ditto, $4\frac{1}{2}$ in. needle. \$20.00

No. 73.—Jacob Staff for above iron-shoe \$1.50

No. 74.—Tripod, with Jacob staff mounting \$3.00

No. 75.—Light Tripod, with brass mounting to fit socket of compass, each \$12.00

No. 76.—Su

No. 77.—Ca

No. 78.—Ca

No. 79.—St

No. 80.—Se

No. 81.—Se

No. 82.—Fl

No. 83.—Du

No. 84.—W

No. 85.—Sol

No. 86.—Ra

No. 87.—Ob

No. 88.—Ey

No. 89.—Le

\$84

No. 90.—Ch

No. 91.—Ch

No. 92.—Le

No. 93.—St

No. 94.—Re

No. 95.—Cr

No. 96.—Fl

No. 97.—Ad

No. 99.—Ve

No. 100.—M

No. 101.—C

No. 102.—C

No. 103.—C

No. 104.—C

No. 105.—T

No. 106.—L

No. 107.—T

No. 108.—W

No. 109.—C

No. 110.—L

No. 111.—F

No. 112.—F

No. 113.—L

ta

No. 114.—P

ei

Any re