

to work each stamper,  $\frac{7}{8}$  to  $1\frac{1}{2}$ ; quantity of water used per stamp-head in crushing, 300 to 600 gal. per hour; quantity of mercury used in the ripples per stamper, 5 to 34 lb.; quantity of mercury lost per stamp-head per week,  $\frac{1}{2}$  to 6 oz.

Beechworth district: stamp-heads and shanks vary in weight from 4 to 9 cwt., and cost 1*l.* 4*s.* to 13*l.* per cwt.; fall of stamp-head, 2 to 12 in.; number of strokes made per minute, 50 to 80; quantity of quartz crushed per head per diem of 24 hours, 1 ton to 2 ton 10 cwt.; number of holes per sq. in. in the gratings used, 80 to 225; horse-power required to work each stamper,  $\frac{3}{4}$  to 2; quantity of water used per stamp-head in crushing, 50 to 1200 gal. per hour; quantity of mercury used in the ripples per stamper, 12 to 100 lb.; quantity of mercury lost per stamp-head per week,  $\frac{1}{4}$  to 2 oz.

Castlemaine district: stamp-heads and shanks vary in weight from 5 cwt. 2 qr. to 8 cwt. 1 qr., and cost 16*s.* 6*d.* to 1*l.* 12*s.* per cwt.; fall of the stamp-head, 7 to 12 in.; number of strokes made per minute, 60 to 80; quantity of quartz crushed per head per diem of 24 hours, 1 ton 1 cwt. to 2 tons; number of holes per sq. in. in the gratings used, 80 to 160; horse-power required to work each stamper,  $\frac{2}{3}$  to 1; quantity of water used per stamp-head in crushing, 30 to 666 gal. per hour; quantity of mercury used in the ripples per stamp-head, 4 to 20 lb.; quantity of mercury lost per stamp-head per week,  $\frac{1}{2}$  to 12 oz.

Gippsland district: stamp-heads and shanks vary in weight from 6 to 8 cwt.; and cost 1*l.* 12*s.* to 3*l.* per cwt.; fall of stamp-head, 6 to 12 in.; number of strokes made per minute, 45 to 84; quantity of quartz crushed per head per diem of 24 hours, 1 ton 2 cwt. to 2 ton 16 cwt.; number of holes per sq. in. in the gratings, 81 to 240; horse-power required to work each stamper, 1 to 2; quantity of water used per stamp-head in crushing, 150 to 630 gal. per hour; quantity of mercury used in the ripples per stamper, 9 to 45 lb.; quantity of mercury lost per stamp-head per week, 1 to 8 oz.

Maryborough district: stamp-heads and shanks vary in weight from 6 to 8 cwt., and cost 16*s.* to 1*l.* 11*s.* 6*d.* per cwt.; fall of stamp-head, 9 to 12 in.; number of strokes made per minute, 50 to 85; quantity of quartz crushed per head per diem of 24 hours, 1 ton 3 cwt. to 2 tons 14 cwt.; number of holes per sq. in. in the gratings used, 80 to 200; horse-power required to work each stamper, 0.85 to  $1\frac{1}{4}$ ; quantity of water used per stamp-head in crushing, 60 to 480 gal. per hour; quantity of mercury used in the ripples per stamper, 10 to 32 lb.; quantity of mercury lost per stamp-head per week,  $\frac{1}{2}$  to 8 oz.

Sandhurst district: stamp-heads and shanks vary in weight from 4 to 8 cwt., and cost 18*s.* to 1*l.* 10*s.* per cwt.; fall of stamp-head, 9 to 12 in.; number of strokes made per minute, 60 to 65; quantity of