

420 lb. quicksilver, £52. J. Robertson, 20 tons coal, £20; assay material, £34 6s. 8d. P. Brown, advertising tenders, £4; stationery, £7 15s. The amount paid as wages was £234 3s. 4d.; J. Robertson, £65; H. Jones, £60; and P. Brown, £7 5s.

5. A circular brick chimney-stack was 60 ft. in height. The outside diameter at bottom was 8 ft., and at the top 4 ft. The wall was 18 in. thick for 25 ft. up from the bottom, 13½ in. thick for the next 25 ft., and the upper portion the wall was 9 in. in thickness. How many bricks would it require to build it, allowing each brick to be 9 in. long, 4½ in. wide, and 3 in. thick?

SUBJECT G.—*A Knowledge of Part V. of "The Mining Act, 1898."*

Oral.

LIST OF MINE-MANAGERS AND BATTERY-SUPERINTENDENTS WHO HAVE OBTAINED CERTIFICATES UNDER THE MINING ACTS.

As there have been several inquiries made as to the names of persons who hold certificates as mine-managers and battery-superintendents, the annexed is a complete list of those holding certificates at the date of this report, taken from the register:—

THE MINING ACT.

FIRST-CLASS SERVICE CERTIFICATES.

Issued under "The Mining Act, 1886," without Examination.

Adams, H. H., Waiorongomai.	Greenish, J., Reefton.	Nasmyth, T., Reefton.
Anderson, P., Thames.	Greenville, W., Ohinemuri.	Newman, W., Naseby.
Andrews, R., Coromandel.	Hall, J. P.	Northey, J., Thames.
Andrews, T., Thames.	Hansen, P. C., Thames.	O'Sullivan, D. E., Thames.
Barclay, T. H., Thames.	Harris, J., Owen's Reefs.	Polton, A., Karangahake.
Bennett, J., Alexandra.	Harrison, R. H., Coromandel.	Porter, J., Waipori.
Benney, J., Coromandel.	Hicks, T. B., Thames.	Purvis, G., Ross.
Black, T., Waiomo.	Hilton, G. P., Bendigo.	Quinn, E., Te Aroha.
Bollersley, N., Boatman's.	Hodge, F., Coromandel.	Radford, T., Thames.
Bradbury, M., Reefton.	Hollis, W., Thames.	Ralph, J. G., Thames.
Bray, John, Lyell.	Hunter, R., Thames.	Ranger, J., Reefton.
Burch, W. H., Thames.	James, F., Thames.	Rasmussen, C. L., Mokihinui.
Byrne, J. F., Stafford.	Jamieson, A., Coromandel.	Rasmussen, C. P., Mokihinui.
Cameron, A., Macetown.	Jenkins, M., Wakatipu.	Reid, P., Coromandel.
Cameron, E., Te Aroha.	Johnstone, H., Bluespur.	Resta, L., Macetown.
Chapman, J. A., Dunedin.	Julian, J., Boatman's.	Roberts, E., Ross.
Clarke, G. S., Thames.	Kelly, J., Lyell.	Rooney, F., Reefton.
Comer, R., Thames.	Kerr, J., Thames.	Scott, T., Waiorongomai.
Conradson, M., Lyell.	Lawn, E., Black's Point.	Searight, A., Reefton.
Corin, W., Thames.	Lawn, H., Boatman's.	Senior, J., Thames.
Cornes, C. A., Karangahake.	Lawn, J., Reefton.	Smith, J. E., Thames.
Coutts, J., Thames.	Littlejohn, W., Karangahake.	Stone, F., Karangahake.
Crawford, T. H., Thames.	Lowe, E. W., Thames.	Steedman, J. B., Thames.
Crowley, C., Reefton.	Maltroy, J. M. C., Ross.	Sturm, A., Waipori.
Cummings, W., Reefton.	Martin, W. G., Thames.	Taylor, N., Thames.
Davis, J. E., Queenstown.	McCallum, J., Reefton.	Todd, C., Heriot.
Davey, C., Ross.	McCullough, R., Thames.	Treloer, J. S., Reefton.
Donald, J., Cromwell.	McGruer, G. N., Karangahake.	Tripp, R. S., Arrowtown.
Dryden, S., Thames.	McIlhaney, J., Thames.	Vivian, J. G., Thames.
Dunlop, T. A., Thames.	McIntosh, D., Bluespur.	Vivian, S., Reefton.
Edwards, J., Skipper's.	McKay, J., Ross.	Waite, C. D., Thames.
Elliott, J., Macetown.	McKenney, J., Reefton.	Waite, E., Thames.
Evans, F., Skipper's.	McKenzie, W., Thames.	Walker, J. W., Thames.
Evans, J. H., Skipper's.	McLeod, G., Coromandel.	Watson, T., Reefton.
Fitzmaurice, R., Reefton.	McLiver, F., Thames.	Wearne, J. E., Endeavour Inlet.
Frewen, J. B., Queenstown.	McLiver, H., Thames.	Wearne, T., Endeavour Inlet.
Gavin, T., Te Aroha.	McMaster, J., Reefton.	Wilcox, J., Thames.
Gilbert, J., Reefton.	Moore, H. W., Thames.	Williams, J., Skipper's.
Gilmour, T., Thames.	Moore, J. H., Thames.	Wright, G., Boatman's.
Giles, G. F., West Wanganui.	Morgan, R., Otago.	Wylie, W., Ross.
Glass, W. M., Naseby.	Morrisby, A. A., Glenorchy.	Young, G., Skipper's.
Goldsworthy, J., Waiorongomai.		

First-class Mine-managers' Certificates, issued after Examination, under "The Mining Act, 1886," and Amendment Acts.

Adams, B., Thames.	Crawford, J. J., Thames.	Hosking, G. F., Auckland.
Baker, W., Thames.	Cummings, W., Reefton.	Kruizenza, W., Reefton.
Black, G., Reefton.	Donaldson, W., Otago.	Lawn, T., Reefton.
Caples, P. Q., Reefton.	Fleming, M., Thames.	Logan, H. F., Wellington.
Carter, J., Thames.	Gardner, W. P., Reefton.	Mangan, T., Thames.
Casley, G., Reefton.	Harris, W., Thames.	Mouat, W. G., Dunedin.
Cochrane, D. L., Reefton.	Horn, G. W., Thames.	Truscott, G., Thames.
Colebrook, J. D., Coromandel.	Horne, W., Coromandel.	Watkins, W. E., Reefton.
Coombe, J., Reefton.	Hornick, M., Thames.	Wilkie, J., Reefton.

First-class Mine-managers' Certificates, issued on Production of Certificate from a Recognised Authority outside the Colony, under "The Mining Act, 1886," "The Mining Act, 1891," and "The Mining Act, 1898."

Argall, W. H., Coromandel.	Griffiths, A. P., Auckland.	McKenna, Thomas, Dunedin.
Beckwith, L. H., Wellington.	Griffiths, H. P., Auckland.	Williams, W. H., Auckland.
Datson, J., Manaia.	Hailey, R. C., Dunedin.	