

# The School of Mines, Ballarat

Special Meeting of } Monday 4.30 p.m.  
the Council } August 12<sup>th</sup> 1889.

Present - Councillors R.M. Sergeant J.P., J.M. Bickett, Theo. Williams J.P., D. Pinnoch, J.C. Molloy, M. Lindsay, and S.E. Figgis: Professor Smith and Mr. Lecturer Howwood were also present by invitation.

Business :- To consider the educational portion of the Programme issued by the Royal Commission on Gold Mining.

The Chairman explained that this meeting had had been convened for the consideration of questions that would serve to elicit information respecting the technical and scientific instruction necessary to qualify the miner, and the best means of attaining same.

The following questions drafted by the Chairman were submitted for approval :-

- 1.- Are you of opinion that Mining is a skilled industry?
- 2.- If you are of opinion that it is a skilled industry how do you propose to educate the miner?
- 3.- Would you be in favor of a system of apprenticeship under conditions to be approved of?
- 4.- Would a knowledge of Geology aid the miner in avoiding unnecessary work in the mine?
- 5.- Would a knowledge of Mineralogy enable the miner to determine the character and value of mineral lodes with greater certainty than under other conditions?
- 6.- Would a general technical knowledge of all subjects connected with the mining industry enable the mine manager to conduct his operations more economically, upon commercial and manufacturing principles?
- 7.- State generally what subjects you consider the most important the young miner should be educated in.

To questions 1, 3, 4, 5 and 6 the Council considered the

reply should be in the affirmative. -

To question 7 Professor Krause submitted the following proposal :- Three courses of instruction extending over say 3 years; the two first compulsory before entering upon the third.

First (or Preparatory) Course : 1. Geometry, (the two first books of Euclid); 2. Mathematics, (Algebra to Simple equations); 3. Linear and Perspective Drawing; 4. Drawing of Diagrams; 5. Mensuration.

Second Course : 1. Elements of Inorganic Chemistry, (as contained in Henshead's Textbook); 2. Mineralogy, (Collins Textbook); 3. Geology, (Pollock's Textbook); 4. Elements of Surveying and Drawing.

Third Course : Structural, Dynamic and Mining Geology; 2. Mine Surveying and Drawing.

It was deemed advisable to adjourn the meeting in order that members of the Council might have time to fully consider the matter and that the Chairman might make arrangements for Messrs Langtree and Rosales to be present at the next meeting of the Council.