

Knowledge Assessment

Qualification	Mining Process Technology
Competency Standard(s)	Interpret geophysical data collection
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____ _____
Assessment Outcome	<p style="text-align: center;"> COMPETENT <input type="checkbox"/> NOT YETCOMPETENT <input type="checkbox"/> </p> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

	Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)	Satisfactory	Not Satisfactory
1.	Define the electrical resistance and electrical resistivity of different subsurface materials? <div style="background-color: yellow; padding: 2px;"><i>Candidate's response</i></div>		
2.	Describe the average range of electrical resistivity of different soil and rock types?		
3.	Describe the average range of seismic velocity of different soil and rock types?		

4.	Describe the average range of magnetic susceptibility and density contrast of different soil and rock types?		
5.	Define the different types of Geo-physical surveys used for mining?		
6.	Define the chargeability values of different mineralized zones?		
7.	Define the anomalous zone showing in different geophysical models/maps?		