

## Knowledge Assessment

<b>Qualification</b>	Mining Process Technology
<b>Competency Standard(s)</b>	Interpret geophysical data collection
<b>Candidate Details</b>	Name: _____  Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <span>COMPETENT <input type="checkbox"/></span> <span>NOT YETCOMPETENT <input type="checkbox"/></span> </div> 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?		
	Candidate's response		
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?		