Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	
Competency Standards	Interpret mineral maps
Assessment Task	**Identify different types of Minerals and its occurrence in the given mine site** **Note: Assessor will provide Tools and Instruments to specify the area for Mining**

I can……………..

Performance Criteria	Yes	No
1. Identify the Sedimentary area		
2. Recognize Igneous area		
3. Recognize Metamorphic area		
4. Identify sulphide and oxide minerals according to rock form		
5. Recognize carbonates, silicates and Phosphates		
6. Highlight Native elements (gold, silver etc.)		
7. Recognize emerald, topaz, ruby, sapphire etc.		
8. Estimate the hardness of gem stone		

Candidate's Signature_____   Assessor's Signature_____

Date: _____

Instruction Sheet for the Candidate

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	(Interpret mineral maps

Candidate Details	Name_____ Registration/Roll Number_____
Guidance for Candidate	**To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):** • **Identify different types of Minerals and its occurrence in the given mine site** **Note: Assessor will provide Tools and Instruments to specify the area for Mining**
Time:180 mins Minimum Evidence Required	During a practical assessment, under observation by an assessor, you are required to demonstrating the following criteria: 1. Identify the Sedimentary area 2. Recognize Igneous area 3. Recognize Metamorphic area 4. Identify sulphide and oxide minerals according to rock form 5. Recognize carbonates, silicates and Phosphates 6. Highlight Native elements (gold, silver etc.) 7. Recognize emerald, topaz, ruby, sapphire etc. 8. Estimate the hardness of gem stone

Assessors Judgment Guide

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Understand mineral maps
Candidate Details	Name: _____ Registration/Roll Number: _____Signature: _____
Assessment Outcome	**COMPETENT** ☐ **NOT YETCOMPETENT** ☐ **Name of the Assessor**_____**Assessor's code:** _____ **Signature:** _____

Assessment Summary (to be filled by the assessor)							
Activity	**Method**					**Result**	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✔				
Knowledge Assessment		✔					
Other Requirement							

Observation Checklist

Assessment Task	Identify different types of Minerals and its occurrence in the given mine site
	Note: Assessor will provide Tools and Instruments to specify the area for Mining

During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Understand Sedimentary area			
2.	Recognized Igneous area			
3.	Recognized Metamorphic area			
4.	Identified sulphide and oxide minerals according to rock form			
5.	Recognized carbonates			
6.	Recognized carbonates, silicates and Phosphates			
7.	Highlighted Native elements (gold, silver etc.)			
8.	Recognized emerald, topaz, ruby, sapphire etc.			
9.	Estimated the hardness of gem stone			
Competent ☐			**Not Yet Competent** ☐	

Feedback to the Candidate
Candidate's Signature_____**Assessor's Signature**_____