

Competence 6

Demonstrate a knowledge of soil and soil interaction with geotechnical equipment

Candidate Name:		Date:	
Activity Number (1,2, or 3):			

Performance Criteria: all of these must be assessed over a minimum of 3 work activities

Type of Evidence: Observation (O), Work Product (P), Written (W), Questioning (Q), Not Covered (N/C) or Not Applicable (N/A)

Performance Criteria		Type of Evidence
a)	Demonstrate a knowledge of cavitation as cone penetrates through different layers	
b)	Demonstrate an understanding of the relationship between available reaction and combined tip/sleeve or penetration resistance	
c)	Demonstrate a knowledge of the effect on the tip and sleeve as the cone penetrates through a relatively hard layer	
d)	Demonstrate an understanding of preloading on the cone and how to spot this in the data	
e)	Demonstrate a knowledge of cone conversion factors and offsets	

Witness name: (If applicable in assessment plan)		Date:	
Assessor name:		Date:	