

Table 7-18 Summary of Triaxial Compressive Tests (Frozen Soil)
CENTRAL CONTRACT
 Brightwater Conveyance System

Boring No.	Sample Top Depth (ft)	Elevation (ft) ^a	USCS	Sample Type	Test Temperature (°F)	Applied Axial Stress (ksf)	Axial Strain at 90 Hours (%)	Creep Parameters ^b		
								A (MN/m ²)	B	C
BALLINGER WAY PORTAL SITE										
P5-04	118.0	288.0	ML	Undisturbed	14	41.3	0.7	0.00044	3.2	0.2
P5-04	124.7	281.3	ML	Undisturbed	14	48.2	1.7			
P5-04	123.7	282.3	ML	Undisturbed	14	55.1	2.6			
P5-04	115.7	290.3	ML	Undisturbed	14	68.9	-- ^c			
P5-04	166.0	240.0	SM	Remolded	14	37.0	1.2	0.00209	2.1	0.1
P5-04	167.5	238.5	SM	Remolded	14	61.6	3.6			
P5-04	166.0	240.0	SM	Remolded	14	73.9	5.0			
P5-04	167.5	238.5	SM	Remolded	14	86.3	-- ^c			
P5-04	216.7	189.3	CL	Undisturbed	14	21.5	1.2	0.00700	1.3	0.1
P5-04	218.0	188.0	CL	Undisturbed	14	34.3	2.1			
P5-04	218.0	188.0	CL	Undisturbed	14	47.2	4.2			
P5-04	214.7	191.3	CL	Undisturbed	14	59.9	5.6			

Notes:

- a) Vertical datum = Metro. All locations surveyed to +/- 0.1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.
- b) The creep equation is not dimensionally consistent, metric units must be used to determine creep.
- c) Sample failed before test time of 90 hours.