

TO: Mr. Ross Edison, Project Manager
 ND Public Service Commission
 600 E. Boulevard, State Capitol
 Bismarck, ND 58505

DATE: 10/3/22 10/12/22

PROJECT NO: GEO-092205

PROJECT: 2022 Garrison Phase V AML Project
 MeLean County, North Dakota

GROUT TESTS OF CYLINDERS

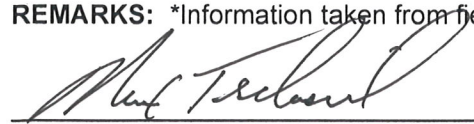
FIELD DATA:

* Job Identification	36A	36B	36C
* Date Cast	9-19-22	9-19-22	9-19-22
* Age to be Tested, Days	14	28	56
* Slump (inches)	8 3/4	8 3/4	8 3/4
* Location of Placement	Hole #504		
* Specified Strength @ 28 Days	150 psi		
* Grout Mix Proportions	Plant		
Flyash	311#		
Cement	256#		
Fine Aggregate	3062#		
Water	278#		
* Grout Furnished by	Johnny's Ready Mix		

COMPRESSIVE STRENGTH: Test Method-ASTM:C39, 4"x8" Cylinder, Area 12.57 Sq. In.

* Laboratory Number	ND22933-1	ND 22933-2	ND 22933-3
* Date Received	9-19-22	9-19-22	9-19-22
* Method of Curing:			
Days on Job & Enroute	2	2	2
Days Lab. Cured-ASTM:C192	12	26	54
* Age at Test, days	14	28	56
* Load at Failure, pounds	15,790	16,270	
* Strength, psi	1,256	1,295	

REMARKS: *Information taken from field data sheet prepared by GEOSERV, INC.



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