

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 5/14/26

Project Number: Heritage EIE Lift Station D Report Number: 1
Project: Lift Station(s)EIE
Client: Heritage
Address: Eielson A.F.B, Alaska

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 5/5/2026

Time Sampled:

Location of Sample: B3110 EIE AFB

Supplier: HC

Truck Number:

Ticket Number: 110367

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 5.50" (ASTM C 143)

Air Content: 5% (ASTM C 231)

Unit Weight: 149.0 (ASTM C 138)

Concrete Temp: 57.5 °F (ASTM C 1064)

Ambient Temp: 44 °F

Water Added:

Technician: CL

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

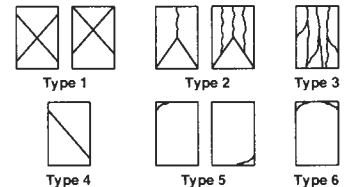
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-167	6/2/2026	28						
26-168	6/2/2026	28						
26-163	5/12/2026	7	66060	4.00	12.57	5260	117%	3
26-164	5/12/2026	7	67680	4.00	12.57	5390	120%	3
26-165	5/12/2026	7	65795	4.01	12.63	5210	116%	2
26-166	6/2/2026	28						

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge