

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 10/27/25

Project Number: Heritage EIE Lift Station D Report Number: 1
Project: Lift Station(s) EIE B9039 Koyuk LSG
Client: Heritage
Address: Eielson A.F.B, Alaska

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 9/24/2025

Time Sampled: 12pm

Location of Sample: Lift Station Generator Slab B3350

Supplier: URM

Truck Number:

Ticket Number: 110092

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 4.75" (ASTM C 143)

Air Content: 5.2% (ASTM C 231)

Unit Weight: 146.4 (ASTM C 138)

Concrete Temp: 61°F (ASTM C 1064)

Ambient Temp: 42°F

Water Added:

Technician: John Trush

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

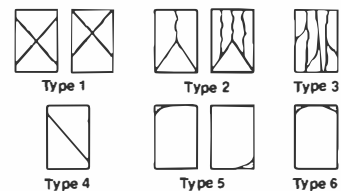
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
25-2567	10/1/2025	7	69235	4.00	12.57	5510	122%	3
25-2568	10/1/2025	7	69670	4.00	12.57	5540	123%	3
25-2569	10/1/2025	7	67980	4.00	12.57	5410	120%	2
25-2570	10/22/2025	28	80815	4.00	12.57	6430	143%	3
25-2571	10/22/2025	28	81085	4.00	12.57	6450	143%	3
25-2572	10/22/2025	28	77185	4.00	12.57	6140	136%	3

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge