

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 8/21/26

Project Number: Eklutna EIE 439

Report Number: 1

Project: EIE 439 Fuel Management & Lab Facility

Client: Eklutna

Address: Eielson AFB, AK

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 7/24/2026

Time Sampled: 11am

Location of Sample: ICF Wall A/3 Lift 1

Supplier: URM

Truck Number:

Ticket Number: 111524

Mix Number: 253840INA

Design Strength: 4500

Batch Size:

Slump: 6" (ASTM C 143)

Air Content: 3.4% (ASTM C 231)

Unit Weight: 144.36 (ASTM C 138)

Concrete Temp: 63°F (ASTM C 1064)

Ambient Temp: 55°F

Water Added:

Technician: John Trush

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

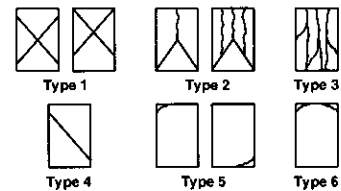
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-1751	7/31/2026	7	57495	4.00	12.57	4580	102%	3
26-1752	7/31/2026	7	55770	4.00	12.57	4440	99%	3
26-1753	7/31/2026	7	58440	4.00	12.57	4650	103%	3
26-1754	8/21/2026	28	66660	4.00	12.57	5300	118%	3
26-1755	8/21/2026	28	71615	4.00	12.57	5700	127%	3
26-1756	8/21/2026	28	70525	4.00	12.57	5610	125%	3
26-1757	9/18/2026	56						
26-1758	9/18/2026	56						
26-1759	9/18/2026	56						

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge