

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 9/2/25

Project Number: Eklutna FTW 475
Project: Fort Wainwright 475
Client: Eklutna
Address:

Report Number: 1

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 8/2/2025

Time Sampled: 2pm

Location of Sample: Canopy Column Foundation

Supplier: URM

Truck Number:

Ticket Number: 109270

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 5.25" (ASTM C 143)

Air Content: 5.0% (ASTM C 231)

Unit Weight: 147.9 (ASTM C 138)

Concrete Temp: 67°F (ASTM C 1064)

Ambient Temp: 75°F

Water Added:

Technician: Mika Mack

Initial Curing:

Final Curing:

Max Field Curing Temp.:

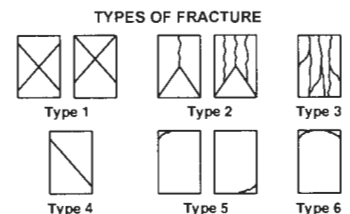
Min Field Curing Temp.:

LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
25-2097	8/9/2025	7	55455	4.00	12.57	4410	98%	3
25-2098	8/30/2025	28	64870	4.00	12.57	5160	115%	3
25-2099	8/30/2025	28	63620	4.00	12.57	5060	112%	3
25-2100	8/30/2025	28	59435	4.00	12.57	4730	105%	3

Remarks:

Copies to:



Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge