

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 7/17/26

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: 6/18/2026

Time Sampled: 11am

Location of Sample: Southwest curb and Southeast Median

Supplier: URM

Truck Number:

Ticket Number: 110822

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 4" (ASTM C 143)

Air Content: 5.4% (ASTM C 231)

Unit Weight: 148.20 (ASTM C 138)

Concrete Temp: 68°F (ASTM C 1064)

Ambient Temp: 70°F

Water Added:

Technician: Ben Marth

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

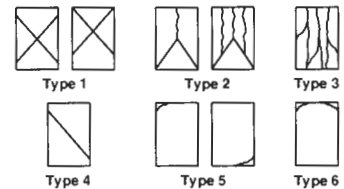
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-842	6/25/2026	7	49960	4.00	12.57	3980	88%	3
26-843	6/25/2026	7	53070	4.00	12.57	4220	94%	3
26-844	6/25/2026	7	51995	4.00	12.57	4140	92%	3
26-845	7/16/2026	28	66560	4.00	12.57	5300	118%	3
26-846	7/16/2026	28	69655	4.00	12.57	5540	123%	3
26-847	7/16/2026	28	65680	4.00	12.57	5230	116%	2

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Chris Mack, C.E.T.

Concrete Lab Supervisor