

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 8/18/26

Project Number: Cornerstone FTW 405 Range Control Report Number: 1

Project: FTW405 Range Control

Client: Cornerstone Construction

Address: 5050 Cordova Street
Anchorage, Alaska 99503

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 6/22/2026

Time Sampled: 1130am

Location of Sample: (1) SIT @ Lane 1-10 wall

Supplier: HC

Truck Number:

Ticket Number: 538

Mix Number: 253445A

Design Strength: 4500

Batch Size:

Slump: 4.75" (ASTM C 143)

Air Content: 5.6% (ASTM C 231)

Unit Weight: 144.8 (ASTM C 138)

Concrete Temp: 75 °F (ASTM C 1064)

Ambient Temp: 68 °F

Water Added:

Technician: John Trush

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

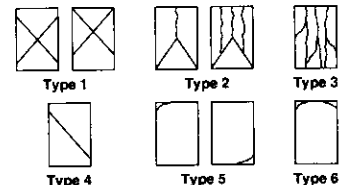
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-824	6/29/2026	7	53635	4.00	12.57	4270	95%	3
26-825	6/29/2026	7	49745	4.00	12.57	3960	88%	3
26-826	6/29/2026	7	55795	4.00	12.57	4440	99%	3
26-827	7/20/2026	28	60190	4.00	12.57	4790	106%	3
26-828	7/20/2026	28	60075	4.00	12.57	4780	106%	3
26-829	7/20/2026	28	61730	4.00	12.57	4910	109%	3
26-830	8/17/2026	56	64550	4.00	12.57	5140	114%	3
26-831	8/17/2026	56	79890	4.00	12.57	6360	141%	3
26-832	8/17/2026	56	67850	4.00	12.57	5400	120%	3

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge