

# REPORT OF CONCRETE CYLINDER TEST

## MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 11/14/25

Project Number: Alcan EIE 430  
Project: Eielson 430  
Client: Alcan Builders, Inc.  
Address: P.O. Box 70752  
Fairbanks, Alaska 99707  
Attn:

Report Number: 1

### FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

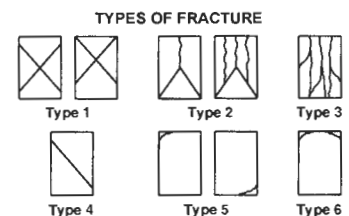
Date Placed: 10/14/2025  
Time Sampled: 8am  
Location of Sample: Fire Pump Landing and Stairs  
Supplier: HC Redi- Mix  
Truck Number: Ticket Number: 187306  
Mix Number: 6338I  
Design Strength: 4000  
Batch Size:  
Slump: 6" (ASTM C 143) Air Content: 3.2% (ASTM C 231) Unit Weight: 141.6 (ASTM C 138)  
Concrete Temp: 60°F (ASTM C 1064) Ambient Temp: 57°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
25-2795	10/21/2025	7	72400	4.00	12.57	5760	144%	3
25-2796	10/21/2025	7	72895	4.00	12.57	5800	145%	3
25-2797	10/21/2025	7	73435	4.00	12.57	5840	146%	3
25-2798	11/11/2025	28	84430	4.00	12.57	6720	168%	4
25-2799	11/11/2025	28	82780	4.00	12.57	6590	165%	3
25-2800	11/11/2025	28	83050	4.00	12.57	6610	165%	3
25-2801	12/9/2025	56						
25-2802	12/9/2025	56						
25-2803	12/9/2025	56						

Remarks:

Copies to:



Reported by: Stefan Mack  
Stefan Mack  
P.E. Engineer in Charge