

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 9/9/25

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)

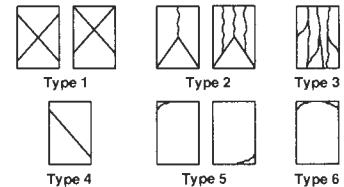
Date Placed: 7/12/2025
 Time Sampled: 1130am
 Location of Sample: Man Hole-1 Slab on grade
 Supplier: HC Redi- Mix
 Truck Number: Ticket Number: 186009
 Mix Number: 6034I
 Design Strength: 4500
 Batch Size:
 Slump: 4.75" (ASTM C 143) Air Content: 4.5% (ASTM C 231) Unit Weight: 146.9 (ASTM C 138)
 Concrete Temp: 71°F (ASTM C 1064) Ambient Temp: 69°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
25-1384	7/19/2025	7	71350	4.00	12.57	5680	126%	3
25-1385	7/19/2025	7	72065	4.00	12.57	5730	127%	2
25-1386	7/19/2025	7	65650	4.00	12.57	5220	116%	3
25-1387	8/9/2025	28	79815	4.00	12.57	6350	141%	3
25-1388	8/9/2025	28	77855	4.00	12.57	6200	138%	3
25-1389	8/9/2025	28	80470	4.00	12.57	6400	142%	3
25-1390	9/6/2025	56	77500	4.00	12.57	6170	137%	2
25-1391	9/6/2025	56	77155	4.00	12.57	6140	136%	3
25-1392	9/6/2025	56	82240	4.00	12.57	6540	145%	3

Remarks:

TYPES OF FRACTURE



Copies to:

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