

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 11.81354 dms
Longitude 113 55 16.99098 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 80-08

ASCM 40295

Tablet Markings 661+8.42

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 008

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1087.650 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 06-10-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663012.300 m
Easting 5505.682 m
Convergence 0 03 40.26 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
700500 700500	799.596	1	15/1	0.999732	75 19 36.43	1.3	0.00
242990 661+8.56	993.373	1	14/1	0.999733	259 51 42.48	1.2	0.00
7898 661+8.3	1043.293	1	12/1	0.999731	40 26 32.05	1.0	0.01
183525 661+8.53	1253.389	1	12/1	0.999732	293 53 12.98	1.0	0.01
14886 661+8.54	1327.859	1	12/1	0.999733	279 07 22.69	1.0	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.8 s	2 s
Prime Vert Defl, ETA(+E)	4.2 s	2 s
Geoid_Ellip Separation	-16.52 m	1 m

MARKER TYPE

Updated: 2007-06-25

ASC BRASS TABLET ON TOP OF A 5CM X 2.1M STEEL PIPE.
FLUSH W/GRD, 0.3 M E OF GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	80056 81-11-01	80056 81-11-01
Revising Project Published	NAD83 94-05-24	98014 99-08-16
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 2007-06-25

LOCATED ON THE 1/4 LINE FENCE LINE OF 56 AVE E OF N-S 1/4 LINE FENCE LINE FOR 76 ST NE; 165 M E OF N-S 1/4 LINE FENCE LINE; MARKER IS SITTING BESIDE LARGE ROCK PILE ON E/EDGE OF LARGE SLOUGH.

NON COORDINATE REVISIONS

1981-11-30 FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	2006-10-20	2007-06-25
MARKER REPORTED IN GOOD CONDITION	1997-09-17	1997-11-12
MARKER REPORTED IN GOOD CONDITION	1992-04-10	1992-07-08
MARKER REPORTED IN GOOD CONDITION.	1990-05-14	1990-05-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 8 42

VERT

99-08-16

0.029 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56613 8 42