

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 13.48532 dms
Longitude 114 09 33.82545 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 46276
Tablet Markings 664-8.84
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1181.701 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664927.090 m
Easting -11159.120 m
Convergence -0 07 26.70 dms
Station Ellipsoid Factor 0.999817
Station Combined Factor 0.999719

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
294173 664-8.83	172.108	1 75/2	0.999720	155 33 35.85	5.1	0.00
144642 664-8.99	263.799	1 57/2	0.999717	109 52 50.66	4.8	0.00
297069 664-8.85	269.561	1 52/2	0.999715	29 04 00.21	3.9	-0.01
36475 664-8.87	326.712	1 52/2	0.999714	344 35 02.83	4.3	-0.01
61739 664-8.111	337.852	1 50/2	0.999721	259 38 41.92	4.1	0.00
259986 664-8.88	343.940	1 49/2	0.999716	330 53 17.69	4.1	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-07

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

ASC BRASS TABLET ON A 7 X 213CM HEAVY WALL STEEL PIPE.
10 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-07

Originating Project 81041 81041
Published 83-05-12 83-05-12

ON W/S OF RD. IN FRONT OF HOUSE #97 EDGEDALE DR. NW; 0.20 M W OF
B.OF SEP.W. ON CURVE; 1.5 M N OF THE N WALL OF HOUSE PROD.E;
0.20 M SE OF THE COR. POST OF A POST AND CABLE FENCE.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1983-05-09 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

1993-11-23 1994-02-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 8 84

00-06-15

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 8 84