

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 48.82884 dms
Longitude 114 04 43.20244 dms
Horz Class INTEGRATED , ORDER 2

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

ASCM 30346
Tablet Markings 664-4.175
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1108.714 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5666010.059 m
Easting -5506.241 m
Convergence -0 03 40.49 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999729

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)
226720 664-4.116	214.390	1	70/2	0.999727	207 59 37.79	4.8	0.00
168534 664-4.173	253.841	1	51/2	0.999729	358 44 33.18	3.8	0.00
232561 664-4.169	280.586	1	57/2	0.999729	111 56 03.94	4.7	0.00
137307 664-4.204	282.835	1	53/2	0.999730	335 41 35.30	4.6	0.00
151282 664-4.117	313.275	1	51/2	0.999726	261 56 25.53	4.4	0.00
185165 664-4.171	340.852	1	47/2	0.999731	50 38 05.18	3.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-09

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.29 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-09

Originating Project 81018 81018
Published 82-08-19 82-08-19

ON E/S OF RD. IN FRONT OF HOUSE #58 BERMUDA RD. NW;
0.10 M E OF B.O.W.; 1.2 M S OF THE S WALL OF HOUSE PROD. W;
14.6 M S OF FH. .

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-08-17 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

1994-01-17 1994-03-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 175

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 4 175