

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 00.12065 dms
Longitude 114 02 07.89987 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 38091
Tablet Markings 664-0.78
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1078.832 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664502.640 m
Easting -2487.455 m
Convergence -0 01 39.56 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

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)
50435 664-0.86	282.321	1	42/2	0.999735	247 28 03.80	3.6	0.00
110627 664-0.82	346.820	1	35/2	0.999734	289 10 44.36	2.7	0.00
155457 664-0.85	414.874	1	34/2	0.999735	256 15 46.37	2.7	0.00
188938	731.201	1	209/4	0.999732	115 25 28.24	13.3	0.00
255596 664-0.83	760.865	1	20/1	0.999735	258 40 31.54	1.6	0.00
126284 DOT702310	857.712	1	33/2	0.999734	29 58 44.77	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-07-25

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.36 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
0.2 M S OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 78027 78027
Published 83-08-03 83-08-03

LOCATED ON THE TOP OF HILL ON THE E/S OF 11 ST NE AND N OF 68 AVE NE PROD E; 1.1 M W OF THE STEEL FROST FENCE; +/- 90 M E OF FOC E/SIDE OF 11 ST; +/- 100 M N OF N/FOC N/SIDE OF 68 AVE; 34.4 M N OF BEND (KINK) OF STEEL FROST FENCE.

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

NON COORDINATE REVISIONS

1978-07-25 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

2006-10-18 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 0 78

99-10-21

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664+00.78 56644 0 78