

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 44.09161 dms  
Longitude 113 57 19.47775 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 82-11  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 36921  
Tablet Markings 661+4.7009  
Mapsheet Name CALGARY B  
Mapsheet Number 5664 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1096.201 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 82-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

ASCM Tablet Horizontal Std PPM/ Grid/ Grnd  
To Markings Distance Dev Order Factor  
(m)(cm)

Grid Std T-t  
Bearing Dev Corr  
(dms) (s) (s)

Northing 5664007.691 m  
Easting 3122.210 m  
Convergence 0 02 04.95 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999731

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 4.5 s 2 s  
Geoid\_Ellip Separation -16.49 m 1 m

MARKER TYPE

Updated: 1985-01-23

TEMPORARY

COORDINATE HISTORY

MARKER LOCATION

Updated: 1985-01-23

TEMPORARY

Originating Project 82047 82047  
Published 85-01-23 85-01-23

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

NON COORDINATE REVISIONS

1985-01-23 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 47009

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56613 47009