

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 19.42123 dms  
Longitude 114 04 40.13763 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 62232  
Tablet Markings T.P.  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004  
Marker Condition GOOD 71-03-01

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1088.246 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

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 5661393.333 m  
Easting -5451.532 m  
Convergence -0 03 37.98 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-01-25

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 5.9 s 2 s  
Geoid\_Ellip Separation -16.24 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1972-01-25

COORDINATE HISTORY HORZ VERT

TEMPORARY

Originating Project 71101 71101  
Published 71-03-01 71-03-01

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project 89153  
Published 89-08-23  
Revising Project  
Published

NON COORDINATE REVISIONS

1972-01-25 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
1990-12-28 'VERT CLASS' CHANGED FROM  
"UNIQUE, CONSULT AGENCY"

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 47010

99-10-21  
89-08-23

0.037 m REVISED ELEVATION-BETTER INTEGRATION  
1.609 m ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM)

HISTORY 56614 47010