

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 41.61184 dms
Longitude 113 56 49.06493 dms
Horz Class INTEGRATED , ORDER U

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

ASCM 41582
Tablet Markings 661+4.7010
Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1100.319 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 5663931.459 m
Easting 3713.804 m
Convergence 0 02 28.62 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

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) 4.4 s 2 s
Geoid_Ellip Separation -16.50 m 1 m

MARKER TYPE

Updated: 1985-01-23

TEMPORARY

MARKER LOCATION

Updated: 1985-01-23

TEMPORARY

COORDINATE HISTORY

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

OLD ASC # 56613 47010

VERT
99-10-21

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56613 47010