

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 02.28804 dms
Longitude 114 07 52.81693 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 77-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 43422
Tablet Markings 77013.1004
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 1983-06-15
Elevation 1091.400 m
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 77-03-01

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 5659015.273 m
Easting -9205.358 m
Convergence -0 06 07.80 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-02-10

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1978-02-10

COORDINATE HISTORY HORZ VERT

TEMP. POINT.

Originating Project 77013 77013
Published 83-06-15 83-06-15

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1978-02-10 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 # 56584 87009

HISTORY 56584 87009