

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 46.03783 dms
Longitude 114 04 34.86316 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 74-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 37739
Tablet Markings 74124.9181
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004
Marker Condition GOOD 74-03-01

Vert Datum CVD28 Updated: 1973-07-03
Elevation 1052.000 m
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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 5649237.921 m
Easting -5361.484 m
Convergence -0 03 33.55 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-01-26

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1973-01-26

COORDINATE HISTORY HORZ VERT

TEMPORARY POINT

Originating Project 73129 73129
Published 73-07-03 73-07-03

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

NON COORDINATE REVISIONS

1973-01-26 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 # 56494 47004

HISTORY 56494 47004