

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 04.66114 dms
Longitude 114 03 57.75892 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 81-05

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 1537

Tablet Markings 649-4.7000

Mapsheet Name CALGARY G
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1051.505 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 81-05-01

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 5651666.615 m
Easting -4635.553 m
Convergence -0 03 04.78 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: 1982-09-10

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.14 m 1 m

TEMPORARY

COORDINATE HISTORY

HORZ VERT

MARKER LOCATION

Updated: 1982-09-10

Originating Project 81032 81032
Published 82-09-02 82-09-02

TEMPORARY

Revising Project NAD83 98017
Published 94-05-24 01-02-07

Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-09-10 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

OLD ASC # 56494 47000

VERT

01-02-07

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 47000