

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 48.56415 dms
Longitude 114 01 05.97394 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 83-12
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 24315
Tablet Markings 649-0.7005
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1025.523 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 83-12-01

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 5649313.366 m
Easting -1286.869 m
Convergence -0 00 51.26 dms
Station Ellipsoid Factor 0.999842
Station Combined Factor 0.999742

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

MARKER TYPE

Updated: 1985-01-24

TEMPORARY

MARKER LOCATION

Updated: 1985-01-24

TEMPORARY

COORDINATE HISTORY HORZ VERT

Originating Project 83062 83062
Published 85-01-25 85-01-25

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1985-01-24 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 07005

VERT

99-08-16

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 07005