

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 56.29581 dms
Longitude 114 03 11.19979 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 50294
Tablet Markings 78024.1002
Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1041.131 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 78-03-01

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 5642137.706 m
Easting -3734.656 m
Convergence -0 02 28.41 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999740

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 4.3 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

MARKER TYPE

Updated: 1979-08-16

TEMPORARY

MARKER LOCATION

Updated: 1979-08-16

TEMPORARY POINT

COORDINATE HISTORY HORZ VERT
Originating Project 78024 78024
Published 83-08-04 83-08-04
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1979-08-16 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 # 56404 07005

VERT
99-08-16

-0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 07005