

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 53.75411 dms  
Longitude 114 10 26.33457 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 79-03

ASCM 28779

Tablet Markings 79014.999

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

Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 1983-08-18  
Elevation 1150.800 m  
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 79-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

ASCM Tablet  
To Markings

Horizontal Std PPM/ Grid/ Grnd  
Distance Dev Order Factor  
(m)(cm)

Grid Std T-t  
Bearing Dev Corr  
(dms) (s) (s)

Northing 5664319.712 m  
Easting -12181.700 m  
Convergence -0 08 07.54 dms  
Station Ellipsoid Factor 0.999822  
Station Combined Factor 0.999724

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1979-10-11

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.8 s 2 s  
Geoid\_Ellip Separation -16.07 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1979-10-11

COORDINATE HISTORY HORZ VERT

TEMPORARY POINT

Originating Project 79014 79014  
Published 83-08-18 83-08-18

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

NON COORDINATE REVISIONS

1979-10-11 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 # 56644 127018

HISTORY 56644 127018