

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 28.73426 dms  
Longitude 114 11 42.28394 dms  
Horz Class INTEGRATED , ORDER U

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

ASCM 4655  
Tablet Markings 78016.901  
Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 012  
Marker Condition GOOD 78-03-01

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1192.938 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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 5665404.295 m  
Easting -13655.988 m  
Convergence -0 09 06.74 dms  
Station Ellipsoid Factor 0.999816  
Station Combined Factor 0.999718

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 2.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.03 m 1 m

MARKER TYPE

Updated: 1979-08-16

TEMPORARY

MARKER LOCATION

Updated: 1979-08-16

TEMPORARY POINT

COORDINATE HISTORY HORZ VERT  
Originating Project 78016 78016  
Published 83-07-27 83-07-27  
Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
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 # 56644 127007

VERT

00-06-15

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 127007