

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 32.55975 dms  
Longitude 114 04 33.64947 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 47597  
Tablet Markings 75105.9156  
Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 004  
Marker Condition GOOD 75-03-01

Vert Datum CVD28 Updated: 1975-10-14  
Elevation 1059.186 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

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3TM COORDINATES

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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 5650675.383 m  
Easting -5336.328 m  
Convergence -0 03 32.64 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999737  
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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) 6.1 s 2 s  
Geoid\_Ellip Separation -16.11 m 1 m  
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MARKER TYPE

Updated: 1976-01-05

TEMPORARY POINT

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MARKER LOCATION

Updated: 1976-01-05

TEMPORARY

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COORDINATE HISTORY

Originating Project 75105 75105  
Published 75-10-14 75-10-14

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

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NON COORDINATE REVISIONS

1976-01-05 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

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MARKER CONDITION COMMENTS

Inspected Updated

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 47005

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HISTORY 56494 47005