

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 24.42725 dms  
Longitude 114 05 08.65722 dms  
Horz Class INTEGRATED , ORDER U

Marker Installed 73-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 17921  
Tablet Markings 73118/903  
Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 004  
Marker Condition GOOD 73-03-01

Vert Datum CVD28 Updated: 1989-08-23  
Elevation 1078.047 m  
Vert Class INTEGRATED , CONSULT AGENCY

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 5641155.166 m  
Easting -6030.065 m  
Convergence -0 03 59.56 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-03-21

Meridian Defl,XI(+N) 4.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.6 s 2 s  
Geoid\_Ellip Separation -15.90 m 1 m

NAIL

MARKER LOCATION

Updated: 1974-03-21

COORDINATE HISTORY HORZ VERT

TEMPORARY POINT

Originating Project 73118 73118  
Published 83-03-21 83-03-21

Revising Project NAD83 89153  
Published 94-05-24 89-08-23  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1974-03-21 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
1990-12-28 'VERT CLASS' CHANGED FROM  
"UNIQUE, CONSULT AGENCY"

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 47005

89-08-23

4.589 m ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM)

HISTORY 73118.903 56404 47005