

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 01.81684 dms
Longitude 114 15 52.22396 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 74-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 40261
Tablet Markings 75119BRR.A
Mapsheet Name CALGARY K
Mapsheet Number 5658 - 016

Vert Datum CVD28 Updated: 1983-08-17
Elevation 1286.173 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 74-03-01

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 5659025.794 m
Easting -18539.062 m
Convergence -0 12 20.72 dms
Station Ellipsoid Factor 0.999801
Station Combined Factor 0.999705

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.4 s 2 s
Geoid_Ellip Separation -15.79 m 1 m

MARKER TYPE

Updated: 1975-10-07

TEMPORARY

MARKER LOCATION

Updated: 1975-10-07

TEMP. POINT.

COORDINATE HISTORY

Originating Project 75119 75119
Published 83-08-17 83-08-17

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

NON COORDINATE REVISIONS

1975-10-07 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1988-10-25 NGDB NUMBER AND
NGDB NAME ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 167002 NGBD # 27609A
NGBD NAME RM 27609-A
HISTORY 56584 167002