

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 01.51808 dms
Longitude 114 15 54.82065 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 64-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 15081
Tablet Markings BR.R.REF.B
Mapsheet Name CALGARY K
Mapsheet Number 5658 - 016

Vert Datum CVD28 Updated: 1983-04-21
Elevation 1287.000 m
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

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

Marker Condition GOOD 64-03-01

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 5659016.744 m
Easting -18589.651 m
Convergence -0 12 22.74 dms
Station Ellipsoid Factor 0.999801
Station Combined Factor 0.999705

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-08-22

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.5 s 2 s
Geoid_Ellip Separation -15.78 m 1 m

TEMPORARY POINT

MARKER LOCATION

Updated: 1973-08-22

COORDINATE HISTORY HORZ VERT

Originating Project 73101 73101
Published 83-04-21 83-04-21

REF.B TO I.ORDER MONUMENT 27609, 658 -16.1 (BRUSHY RIDGE)

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

NON COORDINATE REVISIONS

1973-08-22 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 167000 NGBD # 27609B
NGBD NAME RM 27609-B
HISTORY 56584 167000