

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 21.02586 dms
Longitude 114 08 09.32096 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 48371
Tablet Markings 646-8.218
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1119.968 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5646617.155 m
Easting -9549.540 m
Convergence -0 06 20.04 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
71100 646-8.138	110.905	1 108/2	0.999729	190 31 39.46	5.6	0.00
214130 646-8.139	146.269	1 109/2	0.999732	230 40 12.44	7.9	0.00
89342 646-8.232	148.199	1 40/1	0.999728	96 55 22.21	3.3	0.00
163550 646-8.227	228.399	1 31/1	0.999728	131 57 32.98	2.8	0.00
287821 646-8.137	240.303	1 67/2	0.999732	180 13 09.04	4.0	0.01
90118 646-8.229	240.809	1 29/1	0.999728	93 22 00.16	2.3	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 4.0 s 2 s
Prime Vert Defl, ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.90 m 1 m

MARKER TYPE

Updated: 1979-08-27

ASC BRASS TABLET ON TOP OF 5.0 CM X 3.0 M STEEL PIPE; FLUSH WITH GROUND.

COORDINATE HISTORY

HORZ

VERT

Originating Project 79010 79010
Published 83-08-19 83-08-19

Revising Project NAD83 98017
Published 94-05-24 01-02-07

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1979-08-27

LOCATED AT CEDAR WOOD HILL AND CEDARILLE DRIVE SOUTH WEST; NORTH EAST
CORNER AT INTERSECTION OF BACK OF WALK SOUTH; 0.05 M EAST OF BACK OF
WALK ON EAST SIDE OF CEDARILLE DRIVE; 2.6 M NORTH OF BACK OF FIELD OF
ROLLED CURB ON NORTH SIDE OF CEDAR WOOD HILL (PRODUCED WEST).

NON COORDINATE REVISIONS

1979-08-27 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-05-02 1991-03-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 8 218

VERT

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.218 56464 8 218