

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 19.61742 dms
Longitude 114 06 41.76355 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 64295

Tablet Markings 643-4.223

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1099.319 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-03-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644716.834 m
Easting -7843.649 m
Convergence -0 05 11.96 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
52464 643-4.227	118.035	1 110/2	0.999729	147 18 58.34	9.6	0.00
248526 643-4.221	125.130	1 104/2	0.999728	44 43 19.64	9.0	0.00
60517 643-4.225	174.481	1 80/2	0.999735	197 46 40.65	6.5	0.00
108290 643-4.211	177.315	1 85/2	0.999734	134 12 53.68	6.8	0.00
491555 643-4.247	183.895	1 98/2	0.999732	100 56 30.49	8.1	0.00
73601 643-4.219	213.142	1 80/2	0.999733	291 51 19.21	6.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1980-09-10

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.92 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-13

Originating Project 79042 79042
Published 79-12-01 79-12-01

LOCATED ON THE SOUTH EAST CORNER OF WOODSIDE ROAD AND WOODSIDE ROAD SOUTH WEST
(NORTH EAST LEG); 5.0 CM EAST OF BACK OF WALK ON CURVE; 2.0 M SOUTH OF BACK OF
WALK SOUTH; 2.0 M EAST OF BACK OF WALK EAST.

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

NON COORDINATE REVISIONS

1980-09-10 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.

1989-03-06 1989-04-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 223

01-02-07

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.223 56434 4 223