

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 44.63721 dms
Longitude 113 55 36.35987 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 24612
Tablet Markings 658+8.92
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1067.644 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658464.215 m
Easting 5133.400 m
Convergence 0 03 25.07 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
277087 658+8.91	148.888	1 54/2	0.999735	203 15 31.45	4.2	0.00
173948 658+8.69	221.182	1 50/2	0.999735	230 47 44.11	3.9	0.00
233916 658+8.90	230.297	1 43/2	0.999736	177 49 46.92	3.6	0.00
184150 658+8.73	242.079	1 45/2	0.999735	314 39 20.33	3.8	0.00
275347 658+8.77	255.243	1 55/2	0.999737	253 27 27.29	4.6	0.00
163683 658+8.76	282.203	1 43/2	0.999734	273 25 07.39	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1980-06-20

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 3.8 s 2 s
Geoid_Ellip Separation -16.45 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-03

Originating Project 79034 79034
Published 83-08-18 83-08-18

LOCATED ON THE NORTH EAST CORNER OF ABINGDON CRESCENT (EAST LEG) AND ABBOTSFORD
DRIVE NORTH EAST; AT INTERSECTION OF BACK OF WALKS.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1980-06-20 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. 1988-10-03 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 92

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.92 56583 8 92