

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 15.05797 dms
Longitude 113 57 35.81597 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2021-11-15

ASCM 48801
Tablet Markings 658+4.315
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1082.751 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5659402.414 m
Easting 2806.931 m
Convergence 0 01 52.16 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
30247 658+4.92	130.337	1 138/3	0.999734	318 19 01.00	9.6	0.00
158410 658+4.310	153.642	1 111/2	0.999736	267 50 39.15	5.9	0.00
62349 658+4.102	192.189	1 104/3	0.999735	332 53 29.40	7.7	0.00
114454 658+4.314	203.570	1 79/2	0.999732	185 48 07.61	5.9	0.00
40832 658+4.103	210.870	1 85/2	0.999732	27 13 10.08	7.2	0.00
171546 658+4.309	216.749	1 83/2	0.999732	286 22 10.09	5.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-01-15

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-08

Originating Project 79035 79035
Published 83-08-18 83-08-18

LOCATED ON THE NORTH EAST CORNER OF RUNDLECAIRN ROAD AND RUNDLECAIRN ROAD NORTH
EAST; 0.05 M NORTH OF BACK OF WALK NORTH; IN LINE WITH BACK OF WALK EAST
PRODUCED NORTH.

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

NON COORDINATE REVISIONS

1981-01-15 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.

1988-09-29 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 315

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.315 56583 4 315