

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 05.70198 dms
Longitude 113 58 35.76054 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2007-06-26

ASCM 48330
Tablet Markings 658+4.204
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1080.052 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-26

Scale Factor 0.999900 At Ref Mer 114

Northing 5659112.816 m
Easting 1640.040 m
Convergence 0 01 05.53 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)
26880 658+4.203	165.095	1 48/2	0.999733	290 39 01.98	4.2	0.00
73114 658+4.202	203.961	1 49/2	0.999732	272 12 26.81	4.0	0.00
276352 658+4.199	236.242	1 42/2	0.999736	86 01 51.22	3.5	0.00
195123 658+4.206	242.758	1 49/2	0.999732	38 38 51.91	4.3	0.00
2428 658+4.200	267.260	1 41/2	0.999736	105 48 21.33	3.3	0.00
51201 658+4.207	269.886	1 44/2	0.999730	8 13 38.76	3.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 76030 76030
Published 76-03-01 76-03-01

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

MARKER LOCATION

Updated: 2007-06-26

LOCATED ON THE SOUTH SIDE OF RUNDLE RIDGE ROAD AND EAST OF RUNDLE RIDGE CLOSE
NORTH EAST; ON EAST PROPERTY LINE OF HOUSE #143 - RUNDLE RIDGE ROAD; 0.1 M S OF
S/BOW ON CURVE; ON E P/L OF HOUSE #143.

NON COORDINATE REVISIONS

1976-12-01 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
MARKER REPORTED IN GOOD CONDITION.

2007-01-06 2007-06-26
1988-09-29 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 204

VERT

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.204 56583 4 204