

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 20.52738 dms
Longitude 113 58 30.42480 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 60707
Tablet Markings 658+4.269
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1082.073 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-06-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659570.948 m
Easting 1743.766 m
Convergence 0 01 09.68 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)
235333 658+4.213	139.660	1 57/2	0.999733	217 14 25.35	4.4	0.00
145151 658+4.284	172.666	1 81/2	0.999738	269 24 18.69	6.7	0.00
51201 658+4.207	201.939	1 54/2	0.999736	198 48 58.63	4.6	0.00
7641 658+4.268	235.549	1 42/2	0.999734	265 59 18.44	3.5	0.00
135715 658+4.198	242.637	1 37/2	0.999733	147 09 39.86	3.2	0.00
195123 658+4.206	272.890	1 44/2	0.999734	169 53 59.99	3.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-07-22

Originating Project 78010 78010
Published 83-08-03 83-08-03

ON NW COR OF SE LEG OF RUNDLEMER RD SE; 3.3M N OF B.O.W. PROD E; 3.2M W OF
B.O.W. PROD S; 3.5M SW OF CB.

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

NON COORDINATE REVISIONS

1978-12-06 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.

1992-06-01 1992-07-22
1988-09-23 1988-11-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 269

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.269 56583 4 269