

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 06.53067 dms
Longitude 113 57 35.66263 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 3475
Tablet Markings 658+4.176
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1091.101 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660992.903 m
Easting 2809.050 m
Convergence 0 01 52.31 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
113829 658+4.181	175.792	1	51/2	0.999731	268 40 13.37	4.4	0.00
48983 658+4.166	271.016	1	41/2	0.999732	257 45 33.66	3.3	0.00
76943 661+4.138	275.690	1	47/2	0.999732	25 57 01.87	3.8	0.00
155879 658+4.175	289.121	1	45/2	0.999733	180 38 47.14	3.7	0.00
52555 658+4.167	316.409	1	35/2	0.999731	272 14 58.16	2.8	0.00
103226 658+4.165	335.410	1	33/2	0.999731	236 29 10.24	2.8	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 -16.44 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

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

MARKER IS LOCATED ON COMMON BDY BETWEEN HOUSE #5162 AND #5166 WHITESTONE ROAD NE
; ON COMMON BDY OF HOUSES; 0.1 M N OF BOW N/S WHITESTONE ROAD; 0.19 M N OF F.H.

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

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.

2006-10-30 2007-06-22
1988-09-22 1988-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 176

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.176 56583 4 176