

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 04.67603 dms
Longitude 113 57 49.26946 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 48983

Tablet Markings 658+4.166

Date Printed 2025-08-03
Last Updated 2007-06-22

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1098.572 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: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660935.458 m
Easting 2544.266 m
Convergence 0 01 41.72 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
113829 658+4.181	103.876	1 77/2	0.999732	59 04 35.59	5.7	0.00
103226 658+4.165	128.586	1 62/2	0.999730	186 36 23.65	4.7	0.00
170951 658+4.164	220.314	1 45/2	0.999730	178 39 45.11	3.5	0.00
85001 658+4.173	223.262	1 45/2	0.999729	229 26 39.42	3.6	0.00
138362 658+4.169	257.551	1 39/2	0.999730	274 55 07.34	3.2	0.00
3475 658+4.176	271.016	1 41/2	0.999732	77 45 33.66	3.3	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 -16.43 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

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

LOCATED ON THE SE CORNER OF 48 ST AND WHITESTONE ROAD NE;
0.1 M SE OF BOW ON CURVE; 2.5 M W WOODEN FENCE CORNER; 0.7 M SOUTH OF BOW ON THE
S/S OF WHITESTONE ROAD PROD. W.

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
1988-09-23 1988-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 166

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.166 56583 4 166