

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 31.41156 dms
Longitude 113 57 30.84798 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 17350
Tablet Markings 658+4.104
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1086.228 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-08-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659907.787 m
Easting 2903.362 m
Convergence 0 01 56.04 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd Bearing (dms)	Grid Dev (s)	Std Dev (s)	T-t Corr (s)
248989 658+4.105	183.129	1	44/2	0.999731	265 18 22.95	3.9	0.00	
136986 658+4.113	285.045	1	49/2	0.999733	338 41 27.67	3.9	0.00	
261586 658+4.100	315.113	1	38/2	0.999732	220 06 38.93	3.2	0.00	
40832 658+4.103	317.990	1	35/2	0.999733	180 00 03.24	2.8	0.00	
162925 658+4.99	362.999	1	36/2	0.999732	228 38 47.38	3.0	0.00	
62349 658+4.102	381.724	1	37/2	0.999731	208 49 24.27	3.1	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) 4.2 s 2 s
Geoid_Ellip Separation -16.43 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-17

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

ON NE CORNER OF RUNDLE CRES (NE LEG) AT 52 ST NE; IN LINE WITH B.O.W. N/S
PROD. E; 0.05 M W OF B.O.W.; 13.3 M E OF FH.

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.

1999-08-06 2001-08-17
1988-09-29 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 104

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.104 56583 4 104