

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 17.37610 dms
Longitude 113 57 55.83629 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 50997

Tablet Markings 658+4.193

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1086.364 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5659473.847 m
Easting 2417.148 m
Convergence 0 01 36.59 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
110247 658+4.195	109.683	1 128/2	0.999736	152 02 19.82	10.7	0.00
130831 658+4.93	127.310	1 71/2	0.999731	108 53 00.15	5.7	0.00
171546 658+4.309	182.219	1 93/2	0.999735	93 15 39.94	5.5	0.00
240390 658+4.98	225.396	1 58/2	0.999729	29 43 31.29	5.0	0.00
88435 658+4.101	232.490	1 47/2	0.999730	62 48 00.96	3.9	0.00
158410 658+4.310	248.652	1 72/2	0.999731	108 05 43.85	5.2	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

MARKER TYPE

Updated: 1976-12-01

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: 2007-06-22

LOCATD ON THE NORTH SIDE OF RUNDLE WOOD ROAD AND WEST OF 48 STREET NORTH
EAST AT HOUSE #4776 NE; 0.1 M N OF N/BOW ON W P/L OF HOUSE #4776 RUNDELWOOD RD N
E.

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.

2007-01-26 2007-06-22
1988-09-29 1988-11-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 193

VERT

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.193 56583 4 193