

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 14.34367 dms
Longitude 113 58 33.77284 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 51201

Tablet Markings 658+4.207

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

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1079.529 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 5659379.852 m
Easting 1678.651 m
Convergence 0 01 07.08 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
195123 658+4.206	137.020	1 58/2	0.999737	124 27 05.17	4.9	0.00
101998 658+4.208	172.192	1 52/2	0.999729	264 56 10.75	3.5	0.00
135715 658+4.198	197.120	1 46/2	0.999735	93 41 55.57	3.5	0.00
60707 658+4.269	201.939	1 54/2	0.999736	18 48 58.63	4.6	0.00
262972 658+4.214	236.639	1 42/2	0.999734	114 45 41.43	3.5	0.00
48330 658+4.204	269.886	1 44/2	0.999730	188 13 38.76	3.7	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 -16.40 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

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

LOCATED ON N/SIDE OF RUNDLERIDGE RD AT HOUSE #676; 0.1 M N OF N/BOW ON CURVE; ON
W P/L OF HOUSE #676 RUNDLERIDGE RD NE.

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.

2007-01-26 2007-06-22
1988-09-29 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 207

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.207 56583 4 207