

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 41.33203 dms
Longitude 113 58 14.81899 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 16790
Tablet Markings 658+4.90
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.056 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658359.941 m
Easting 2048.045 m
Convergence 0 01 21.81 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

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)
180778 658+4.67	154.622	1	52/2	0.999738	103 26 19.95	4.4	0.00
16352 658+4.84	197.610	1	40/2	0.999735	100 55 23.79	3.5	0.00
263616 655+4.106	211.749	1	33/1	0.999738	165 01 30.05	2.9	0.00
107268 658+4.83	214.803	1	47/2	0.999737	74 46 41.70	3.8	0.00
216085 658+4.51	230.695	1	35/1	0.999730	1 23 42.24	2.9	0.00
96933 658+4.86	239.839	1	38/2	0.999737	119 05 20.90	3.0	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

MARKER TYPE Updated: 2001-08-30
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL, LANDSCAPED.

COORDINATE HISTORY HORZ VERT

Originating Project 76102 76102
Published 76-10-31 76-10-31
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 2001-08-30
ON TRHE S/S OF A N-S AND E-W LANE WHICH IS JUST S OF THE REAR OF HOUSE
NO. 99-MARANDA CLOSE NE; 7.90 M W OF INTERSECTING POW.P FOR A N-S AND E-W
POW.L; 0.60 M E OF THE W P/L FENCE OF N-S LANE PROD. S; 0.35 M N OF THE
S P/L CABLE FENCE OF LANE.

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 1994-11-08 2001-08-30
MARKER REPORTED IN GOOD CONDITION. 1988-09-26 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 90

VERT 99-10-21 0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.90 56583 4 90