

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 40.81580 dms
Longitude 113 56 34.94957 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 56614

Tablet Markings 658+8.125

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 1083.294 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-06-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5660199.101 m
Easting 3991.244 m
Convergence 0 02 39.53 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor
76877 658+8.124	135.869	1	88/2 0.999731
135095 658+8.117	245.126	1	69/2 0.999735
42523 658+8.123	251.576	1	52/2 0.999731
265363 658+8.116	259.294	1	62/2 0.999733
22673 658+4.332	266.010	1	56/2 0.999736
73395 658+4.267	268.355	1	52/2 0.999734

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
89 56 57.78	5.2	0.00
86 30 54.50	5.3	0.00
141 13 12.93	4.3	0.00
63 28 40.61	5.0	0.00
336 35 58.73	4.8	0.00
289 05 11.06	4.0	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) 4.1 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

MARKER TYPE

Updated: 1991-08-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRND

COORDINATE HISTORY

Originating Project 77045 77045
Published 82-03-01 82-03-01

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2007-06-22

LOCATED ON N/SIDE OF 28 AVE AT PINERIDGE CL NE; 0.05 M N OF N BOW; ON W BOW PROD
N; IN FRONT OF HOUSE #6320 - 28 AVE NE.

NON COORDINATE REVISIONS

1982-03-01 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
MARKER REPORTED IN GOOD CONDITION.

2006-06-16 2007-06-22
1991-01-31 1991-08-01
1988-10-04 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 8 125

VERT

99-10-21

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56583 8 125