

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 46.84794 dms
Longitude 113 56 52.63375 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 44750

Tablet Markings 658+4.249

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 1082.260 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-12-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5660385.238 m
Easting 3646.895 m
Convergence 0 02 25.77 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
73262 658+4.248	107.154	1	65/2	0.999736	179 51 56.71	5.1	0.00
113183 658+4.333	121.247	1	82/2	0.999732	50 25 01.29	6.5	0.00
73395 658+4.267	133.945	1	67/2	0.999735	137 17 55.62	5.3	0.00
113837 658+4.160	172.376	1	41/1	0.999730	352 58 02.64	3.0	0.00
215012 658+4.230	233.145	1	34/1	0.999731	17 06 06.90	2.9	0.00
22673 658+4.332	245.724	1	57/2	0.999732	76 21 37.07	4.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-25

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.45 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 77007 77007
Published 83-06-15 83-06-15

LOCATED ON THE NORTH EAST CORNER OF PINEWIND ROAD (EAST LEG) AND 31 AVENUE
NORTH EAST; 0.1 M NE OF BOW ON CURVE; 2.5 M N OF BOW ON THE N/SIDE PROD W; 2.8 M
E OF BOW ON THE E/SIDE PROD S.

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

NON COORDINATE REVISIONS

1978-01-25 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.

2006-12-06 2007-06-22
1988-09-27 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 249

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.249 56583 4 249