

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 36.15724 dms
Longitude 114 02 16.50256 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2019-03-25

ASCM 68114
Tablet Markings 643-0.178
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-04-29
Elevation 1040.291 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5643368.717 m
Easting -2665.636 m
Convergence -0 01 45.97 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

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)
4960 640-0.39	236.628	1	42/2	0.999736	188 02 58.23	3.5	0.00
3608	316.910	1	196/4	0.999736	344 48 17.24	11.2	0.00
114140 643-0.180	362.140	1	36/2	0.999740	351 42 30.23	2.9	0.00
274936 640-0.40	375.196	1	32/2	0.999740	243 11 09.68	2.7	0.00
27797 643-0.175	401.270	1	32/2	0.999740	265 13 16.70	2.6	0.00
236133 643-0.181	402.728	1	32/2	0.999740	72 49 09.12	2.8	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

MARKER TYPE

Updated: 1976-01-05

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

Originating Project 75108 75108
Published 83-04-29 83-04-29

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2006-06-23

ON E/S OF PARKSIDE DR AT PARKWOOD DR SE; 0.05 M E OF BOW; IN WITH BOW S/S PROD E
; 12.2 M S OF LT.S.

NON COORDINATE REVISIONS

1976-01-05 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

2005-06-15 2006-06-23
1989-03-27 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 178

VERT

HISTORY 643+00.178 56434 0 178