

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 15.93836 dms
Longitude 114 03 16.19474 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 28548

Tablet Markings 643-0.228

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-06-15
Elevation 1046.680 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-03-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5644598.638 m
Easting -3830.404 m
Convergence -0 02 32.34 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
155168 643-0.229	117.160	1	94/2 0.999742	115 04 39.12	6.1	0.00
255505 643-0.226	118.532	1	93/2 0.999738	315 42 09.36	5.5	0.00
214387 643-0.227	150.133	1	87/2 0.999738	269 34 30.46	7.5	0.00
241612 643-0.135	164.996	1	79/2 0.999737	33 09 23.22	6.9	0.00
18275 643-0.225	204.615	1	78/2 0.999739	243 16 26.81	6.4	0.00
174953 643-0.136	222.809	1	58/2 0.999742	105 12 36.32	4.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-19

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-15

Originating Project 77028 77028
Published 83-06-15 83-06-15

ON SOUTH SIDE OF ROAD IN FRONT OF HOUSE NO.2032 BONAVISTA DRIVE SE; 0.05 M
SOUTH OF BACK OF WALK; 10.5 M EAST OF THE EAST WALL OF FRONT OF GARAGE PRODUCED
NORTH; 11.1 M EAST OF THE EAST EDGE OF CONCRETE DRIVEWAY PAD.

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

NON COORDINATE REVISIONS

1978-01-19 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

1994-03-16 1995-05-15
1989-03-29 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 228

HISTORY 643+00.228 56434 0 228