

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 07.82505 dms
Longitude 114 01 19.56734 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 48397
Tablet Markings F24
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1076.367 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-05-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5659178.390 m
Easting -1549.060 m
Convergence -0 01 01.90 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
286575 G2	265.322	1	53/2	0.999730	10 43	20.63	2.7	0.00
178913 F26	321.240	1	50/2	0.999731	336 36	28.99	2.4	0.00
2931 G4	364.457	1	41/2	0.999734	49 50	53.25	3.2	0.00
135970 F20	384.718	1	31/2	0.999736	185 47	29.87	2.2	0.00
45740 636009	497.479	1	28/2	0.999734	54 24	31.51	2.3	0.00
41350 658-0.150	528.236	1	26/1	0.999737	235 25	17.69	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-19

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
0.40 M SW OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-08-10

Originating Project 69111 69111
Published 70-10-19 70-10-19

IN GRASSY AREA SW OF LANE BEHIND SW LEG OF VANHORNE CRES NE; 0.6 M S OF E-W
POWER LINE; 15.6 M W OF N-S POWER LINE PRODUCED S; 15.0 M S OF E-W FENCE N/S OF
LANE PRODUCED W.

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

NON COORDINATE REVISIONS

1970-10-19 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

1993-05-11 1993-08-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 34

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00 34