

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 32.30686 dms
Longitude 114 05 25.52771 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 20255

Tablet Markings 649-4.132

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1078.996 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-05-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5650668.711 m
Easting -6347.995 m
Convergence -0 04 12.96 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

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)
232645 649-4.131	192.628	1	42/2	0.999737	175 30 59.56	3.6	0.00
99879 649-4.134	279.216	1	36/2	0.999739	133 35 11.93	3.0	0.00
159814 2017.26	333.436	1	51/2	0.999732	346 18 41.59	3.5	-0.01
232538 2017.25	394.661	1	43/2	0.999734	26 16 48.53	3.7	-0.01
282046 2017.27	435.883	1	46/2	0.999732	344 01 01.73	2.8	-0.01
181586 649-4.128	536.754	1	24/1	0.999735	157 25 49.65	2.1	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-30

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM AGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-30

Originating Project 72117 72117
Published 72-07-11 72-07-11

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

ON N/S OF LANE AT END OF KENNEDY DR N OF KELOWNA CRES SW;
7.70 M N OF S P/L FENCE OF LAND PROD. E;
2.20 M E OF B.O.W. W/S PROD. N;
8.10 M NE OF FH.

NON COORDINATE REVISIONS

1972-07-11 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

1995-05-15 2001-08-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 132

01-02-07

0.023 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.132 56494 4 132