

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 25.99844 dms
Longitude 114 02 54.79377 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 33712

Tablet Markings 646-0.72

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1045.967 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646763.127 m
Easting -3411.158 m
Convergence -0 02 15.76 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

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)
6221 646-0.71	234.497	1	64/2	0.999741	0 15 53.74	2.8	0.00
294496 646-0.73	244.308	1	53/2	0.999737	180 12 57.79	2.7	0.00
37234 646-0.83	448.532	1	38/2	0.999740	48 02 40.20	3.1	0.00
143636 646-0.33	480.789	1	42/2	0.999741	78 53 42.23	3.6	0.00
37044 646-0.76	507.221	1	39/2	0.999738	214 57 27.11	3.2	0.00
195784 646-0.77	514.446	1	41/2	0.999738	235 10 07.38	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-12-31

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

IRON BAR 1.5 M LONG

2 CM BGL, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-12-31

Originating Project 70103 70103
Published 71-05-25 71-05-25

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

ON WILLOW PARK BOLF COURSE JUST EAST OF THE "PRO SHOP" AND ON THE WEST SIDE OF THE 10TH TEE SIGN; 20.70 M EAST OF THE EAST WALL OF THE PRO SHOP; 17.9 M SE OF THE STONE SIGN FOR #10 TEE; 1.60 M EAST OF THE N-S POWER LINE ON THE EAST SIDE OF THE 10TH TEE; 21.0 M SOUTH OF THE 1ST POWER POLE NORTH OF THE PRO SHOP.

NOTE: CONTACT BRAD (GROUNDS KEEPER) BEFORE GOING ON GOLF COURSE.

NON COORDINATE REVISIONS

1971-05-25 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

1993-10-14 1993-12-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 72

99-08-16

0.008 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.72 56464 0 72