

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 33.58556 dms
Longitude 114 02 54.74613 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 6221

Tablet Markings 646-0.71

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 1045.122 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646997.561 m
Easting -3410.074 m
Convergence -0 02 15.73 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
33712 646-0.72	234.497	1	64/2	0.999741	180 15 53.74	2.8	0.00	
37234 646-0.83	338.839	1	38/2	0.999741	78 52 33.80	3.3	0.00	
83253 646-0.64	406.511	1	37/2	0.999739	317 53 48.16	2.9	0.00	
229385 646-0.21	418.739	1	38/2	0.999739	43 25 22.07	3.1	0.00	
294496 646-0.73	478.805	1	36/2	0.999739	180 14 23.96	2.1	0.00	
143636 646-0.33	491.624	1	37/2	0.999740	106 46 31.02	3.1	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1971-05-25

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

ON THE SOUTH SIDE OF WILLOW PARK DR. AT WILLOWVIEW RD SOUTH EAST; ON THE WEST
SIDE OF ENTRANCE TO WILLOW PARK GOLF AND COUNTRY CLUB; 1.0 M WEST OF B.O.W.
WEST SIDE OF WILLOWVIEW RD PRODUCED SOUTH; 0.07 M NORTH OF FACE OF SEPARATE
WALK; 3.90 M NORTH EAST OF POWER POLE (NORTH - SOUTH POWER LINE).

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

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

1993-03-26 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 71

99-08-16

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.71 56464 0 71