

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 17.95393 dms
Longitude 114 01 20.89820 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 64-05
Date Printed 2025-08-03
Last Updated 2021-11-15

ASCM 60525
Tablet Markings 231109
Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1033.964 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5640951.888 m
Easting -1580.524 m
Convergence -0 01 02.79 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

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)
68130 640-0.33	286.931	1	42/2	0.999741	114 23 35.90	2.5	0.00
178939 640-0.231	318.549	1	31/1	0.999740	249 20 49.53	2.7	0.00
380220 640-0.230	355.575	1	25/1	0.999739	289 31 30.86	1.9	0.00
24463 24463	406.182	1	30/1	0.999741	196 18 41.77	2.5	0.00
499533 499533	579.520	1	22/1	0.999741	260 19 48.58	1.6	0.00
282061 640-0.32	607.400	1	12/1	0.999740	289 02 56.88	1.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-25

Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

TSC CAP IN REINFORCED CONCRETE CYLINDER
FLUSH WITH GRND.,60 CM W OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 63004 63004
Published 70-01-18 70-01-18

LOCATED ON HIL OVER LOOKING VALLEY FOR FISH CREEK PARK; 133 M E OF NE CORNER OF
#71 - SUN CANYON PARK; 9.3 M N OF N/EDGE OF ASPHALT PATHWAY.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project 86028
Published 89-10-20
Revising Project
Published

NON COORDINATE REVISIONS

1985-12-04 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2006-10-03	2007-06-25
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-22
MARKER REPORTED IN GOOD CONDITION	1989-10-30	1990-01-04
MARKER REPORTED IN GOOD CONDITION.	1988-11-25	1989-02-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 6 NGBD # 636244

99-08-16 0.010 m ELEVATION REVISED AND REINTEGRATED
89-10-20 0.036 m PREVIOUS TRIG. ELEV. REPLACED BY SPIRIT LEVEL

HISTORY 56404 0 6