

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 56.65104 dms
Longitude 114 00 10.42708 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 64-05

ASCM 38455

Tablet Markings 239116

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1007.894 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 97-08-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642147.343 m
Easting -203.669 m
Convergence -0 00 08.09 dms
Station Ellipsoid Factor 0.999845
Station Combined Factor 0.999745

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
245928 640-0.121	203.804	1 59/2	0.999745	289 00 40.60	4.9	0.00
147074 640-0.119	224.634	1 62/2	0.999745	334 24 24.74	5.2	0.00
111922 640-0.126	237.420	1 55/2	0.999743	354 57 17.02	4.6	0.00
199695 640+4.36	239.043	1 38/2	0.999747	47 36 52.90	3.3	0.00
26567 640-0.120	287.621	1 45/2	0.999745	317 03 44.33	3.7	0.00
199810 640+4.38	296.113	1 37/2	0.999745	30 21 41.78	3.0	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 4.1 s 2 s
Prime Vert Defl, ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

MARKER TYPE

Updated: 1990-07-17

TSC CAP IN REINFORCED CONCRETE CYLINDER
5 CM BELOW GROUND LEVEL. 0.3M NW OF MP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	63004	63004
Published	70-01-18	70-01-18
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1990-07-17

ON N/S OF FISH CREEK PARK; S.E. OF INTERSECTION OF DEERSIDE DR.
AND 300 DEERSIDE PLACE S.E.; 8.15M S.E. OF S.E. P/L CABLE FENCE
OF PLAY PARK THAT IS S.E. OF INTERSECTION; 10.4M S.W. OF S.W.
P/L OF HOUSE #2419 DEERSIDE DR. PROD. S.E.; 0.35M S.W. OF G.P.

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN JUNE, 1979.

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 REPORTED IN GOOD CONDITION	1997-08-18	1997-10-08
MARKER REPORTED IN GOOD CONDITION	1992-11-17	1993-02-08
MARKER REPORTED IN GOOD CONDITION.	1990-02-20	1990-07-17
MARKER REPORTED IN GOOD CONDITION.	1989-02-13	1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 10 NGBD # 636253

VERT

99-08-16

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 0 10