SURVEYING AND MAPPING DIVISION

Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

	MASCOT DSS-1	
Horz Datum NAD83 Updated: 1994-05-24		ASCM 59550
Latitude 50 59 31.18894 dms Longitude 114 08 24.62590 dms Horz Class INTEGRATED , ORDER 3	Marker Installed 67-03	
Longitude 114 08 24.62590 dms	D . D 1	Tablet Markings D119
HOTZ CLASS INTEGRATED , ORDER 3	Date Printed 2025-08- Last Updated 2017-03-	03
Nove Datum (ND20 - II-datad: 2001 02 07	Last Updated 2017-03-	20 Mapsheet Name CALGARY F
Vert Datum CVD28 Updated: 2001-02-07	For gurrent information call Good	mapsheet Number 5649 - 008
Mart Class INTECDATED SDIDIT LEVELS	(780) 427_2142 FAY: (780)	427-1403 Marker Condition COOD 90-09-05
		Mapsheet Name CALGARY F Mapsheet Number 5649 - 008 etic Survey 427-1493 Marker Condition GOOD 90-09-05
3TM COORDINATES	ADJACENT MARKERS (calculated) Updated:
Saala Eagtor 0 000000 At Bof Mor 114	ACCM Tablet Hari	contal Std DDM/ Crid/ Crnd
Scale Faccol 0.999900 At Rel Mel 114	To Markings Di	stance Dev Order Factor Rearing Dev Corr
Northing 5650639.629 m	10 1.01.111.192	(m)(cm) (dms) (s)
Easting -9840.586 m	229401 180169 1	24.058 1 161/3 0.999730 328 34 48.17 5.2 0.00
Convergence -0 06 32.12 dms	91918 649-8.37 2	24.296 1 58/2 0.999730 88 31 12.52 4.8 0.00
Station Ellipsoid Factor 0.999829	177923 649-8.79 3	04.099 1 72/2 0.999731 346 22 18.98 3.6 -0.01
Station Combined Factor 0.999730	291591 649-8.80 4	47.971 1 54/2 0.999730 48 27 27.81 4.5 -0.01
	- 142612 649-8.54 5	04.857
GEOID DATA (GSD95) Updated: 17-03-20	252932 649-8.38 6	zontal Std PPM/ Grid/ Grnd Grid Std T-t stance Dev Order Factor Bearing Dev Corr (m)(cm) (dms) (s) (s) (s) 24.058 1 161/3 0.999730 328 34 48.17 5.2 0.00 24.296 1 58/2 0.999730 88 31 12.52 4.8 0.00 04.099 1 72/2 0.999731 346 22 18.98 3.6 -0.01 47.971 1 54/2 0.999730 48 27 27.81 4.5 -0.01 04.857 1 48/2 0.999731 36 31 33.19 3.9 -0.01 05.152 1 43/2 0.999731 73 02 49.55 3.6 0.00
Component Magnitude Std Dev	MARKER TYPE	Updated: 1991-03-13
Meridian Defl.XI(+N) 3.5 s 2 s	ASC CAP ON 6 CM DIA STEEL PI	PE 3.0 M LONG
Prime Vert Defl,ETA(+E) 7.0 s 2 s		1 GP
Meridian Defl,XI(+N) 3.5 s 2 s Prime Vert Defl,ETA(+E) 7.0 s 2 s Geoid_Ellip Separation -15.96 m 1 m		
	- MARKER LOCATION	Updated: 1990-06-26
COORDINATE HISTORY HORZ VERT		
	LOCATED IN GLENMORE PARK SOU	TH WEST IN NORTH WEST 1/4
Originating Project 72112 72112	LOCATED IN GLENMORE PARK SOU SECTION 30; ABOUT 400' EAST	OF 37 STREET SOUTH WEST AND
Originating Project 72112 72112 Published 84-01-12 84-01-12	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169;	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF
Originating Project 72112 72112 Published 84-01-12 84-01-12	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169; TOP OF BANK;6.10 M S OF MEAN	OF 37 STREET SOUTH WEST AND
Revising Project NAD83 98017	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169;	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF
Revising Project NAD83 98017 Published 94-05-24 01-02-07	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169; TOP OF BANK;6.10 M S OF MEAN	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF
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Revising Project NAD83 98017 Published 94-05-24 01-02-07 Revising Project 98014 Published 99-08-16	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169; TOP OF BANK;6.10 M S OF MEAN	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF
Revising Project NAD83 98017 Published 94-05-24 01-02-07 Revising Project 98014 Published 99-08-16 Revising Project	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169; TOP OF BANK;6.10 M S OF MEAN	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF
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Revising Project NAD83 98017 Published 94-05-24 01-02-07 Revising Project 98014 Published 99-08-16 Revising Project Published NON COORDINATE REVISIONS 1973-01-18 FIRST MARKER LOCATION	SECTION 30; ABOUT 400; EAST ABOUT THE SAME FROM 180169; TOP OF BANK;6.10 M S OF MEAN SOUTH WEST.	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF DERING ASPHALT BIKE PATH; SIGN POST "NO #11"; APPROX Inspected Updated ITION 1990-09-05 1991-03-13 1990-05-11 1990-06-26
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Revising Project NAD83 98017 Published 94-05-24 01-02-07 Revising Project 98014 Published 99-08-16 Revising Project Published NON COORDINATE REVISIONS 1973-01-18 FIRST MARKER LOCATION DESCRIPTION ENTERED 2017-03-20 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED 2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED HISTORICAL/OTHER MARKER NAMES	SECTION 30; ABOUT 400' EAST ABOUT THE SAME FROM 180169; TOP OF BANK; 6.10 M S OF MEAN SOUTH WEST. MARKER CONDITION COMMENTS MARKER REPORTED IN GOOD COND MARKER REPORTED IN GOOD COND MARKER REPORTED IN GOOD COND COORDINATE HISTORY COMMENTS HORZ 94-05-24 VERT 01-02-07 -0.	OF 37 STREET SOUTH WEST AND STATION IS 1.0 M NORTH OF DERING ASPHALT BIKE PATH; SIGN POST "NO #11"; APPROX Inspected Updated ITION 1990-09-05 1991-03-13 ITION 1990-05-11 1990-06-26 ITION 1988-02-08 1988-06-28