

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES (WHAFFIS VERSION 4.0G, 08\_2007)

Executed on: Thu Feb 6 16:14:34 2020

Input file: C:\Users\shayward\Desktop\Kittery\T2\3\_whafis\whafis4\YK-05.dat

Output file: C:\Users\shayward\Desktop\Kittery\T2\3\_whafis\whafis4\YK-05.out

header

THIS IS A 100-YEAR CASE

THE FOLLOWING NON-DEFAULT WIND SPEEDS ARE BEING USED

WINDIF 56.14 WINDOF 56.14 WINDVH 60.00

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INDOF      36.14
PART1     INPUT

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IE	0.000	-28.829	1.000	1.000	9.027	5.206	6.262	56.140	0.246	0.000
OF	1.000	-28.583	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	2.000	-28.338	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	3.000	-28.093	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	4.000	-27.848	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	5.000	-27.603	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	6.000	-27.358	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	7.000	-27.113	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	8.000	-26.868	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	9.000	-26.623	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	10.000	-26.378	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	11.000	-26.132	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	12.000	-25.887	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	13.000	-25.642	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	14.000	-25.397	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
OF	15.000	-25.152	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	16.000	-24.907	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	17.000	-24.662	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	18.000	-24.417	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	19.000	-24.172	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	20.000	-23.927	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	21.000	-23.681	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	22.000	-23.436	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	23.000	-23.191	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	24.000	-22.946	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	25.000	-22.701	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	26.000	-22.456	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	27.000	-22.211	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	28.000	-21.966	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	29.000	-21.721	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	30.000	-21.476	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
OF	31.000	-21.230	0.000	9.029	0.000	0.000	0.000	0.000	0.245	0.000
OF	32.000	-20.985	0.000	9.029	0.000	0.000	0.000	0.000	0.258	0.000
OF	33.000	-20.714	0.000	9.029	0.000	0.000	0.000	0.000	0.301	0.000
OF	35.000	-20.081	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
OF	36.000	-19.765	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
OF	38.000	-19.133	0.000	9.029	0.000	0.000				

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	END	END	FETCH	SURGE ELEV	SURGE ELEV	INITIAL	INITIAL		BOTTOM	AVERAGE
IE	STATION	ELEVATION	LENGTH	10-YEAR	100-YEAR	WAVE HEIGHT	W. PERIOD		SLOPE	A-ZONES
	0.000	-28.829	1.000	1.000				56.140	0.246	0.000
	END	END	NEW SURGE	NEW SURGE		5.206	6.262		BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	1.000	-28.583	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	2.000	-28.338	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	3.000	-28.093	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	4.000	-27.848	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	5.000	-27.603	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	6.000	-27.358	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	7.000	-27.113	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	8.000	-26.868	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	9.000	-26.623	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10.000	-26.378	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	11.000	-26.132	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	12.000	-25.887	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	13.000	-25.642	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	14.000	-25.397	0.000	9.027	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	15.000	-25.152	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	16.000	-24.907	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	17.000	-24.662	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	18.000	-24.417	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	19.000	-24.172	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	20.000	-23.927	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	21.000	-23.681	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	22.000	-23.436	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	23.000	-23.191	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	24.000	-22.946	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	25.000	-22.701	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	26.000	-22.456	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	27.000	-22.211	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	28.000	-21.966	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	29.000	-21.721	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	30.000	-21.476	0.000	9.028	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	31.000	-21.230	0.000	9.029	0.000	0.000	0.000	0.000	0.245	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	32.000	-20.985	0.000	9.029	0.000	0.000	0.000	0.000	0.258	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	33.000	-20.714	0.000	9.029	0.000	0.000	0.000	0.000	0.301	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	35.000	-20.081	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	36.000	-19.765	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	38.000	-19.133	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	39.000	-18.817	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	41.000	-18.185	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	42.000	-17.869	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	44.000	-17.237	0.000	9.029	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	45.000	-16.920	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	47.000	-16.288	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	48.000	-15.972	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	50.000	-15.340	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	51.000	-15.024	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	54.000	-14.076	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	56.000	-13.443	0.000	9.030	0.000	0.000	0.000	0.000	0.316	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	57.000	-13.127	0.000	9.030	0.000	0.000	0.000	0.000	0.236	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	62.000	-12.029	0.000	9.031	0.000	0.000	0.000	0.000	0.150	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	65.000	-11.928	0.000	9.031	0.000	0.000	0.000	0.000	0.024	0.000

	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	67.000	-11.909	0.000	9.031	0.000	0.000	0.000	0.000	0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	68.000	-11.900	0.000	9.031	0.000	0.000	0.000	0.000	0.156	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	159.000	2.425	0.000	9.031	0.000	0.000	0.000	0.000	0.188	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	167.300	6.749	0.000	9.030	0.000	0.000	0.000	0.000	0.569	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	170.600	9.030	0.000	9.030	0.000	0.000	0.000	0.000	0.691	0.000
-----END OF TRANSECT-----										

NOTE:

SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

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PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS			
LOCATION	CONTROLLING WAVE HEIGHT	SPECTRAL PEAK WAVE PERIOD	WAVE CREST ELEVATION
IE 0.00	5.21	6.26	12.67
OF 1.00	5.21	6.26	12.67
OF 2.00	5.20	6.26	12.67
OF 3.00	5.20	6.26	12.67
OF 4.00	5.20	6.26	12.67
OF 5.00	5.20	6.26	12.67
OF 6.00	5.20	6.26	12.67
OF 7.00	5.20	6.26	12.67
OF 8.00	5.20	6.26	12.67
OF 9.00	5.20	6.26	12.67
OF 10.00	5.20	6.26	12.67
OF 11.00	5.20	6.26	12.67
OF 12.00	5.20	6.26	12.67
OF 13.00	5.20	6.26	12.67
OF 14.00	5.20	6.26	12.67
OF 15.00	5.20	6.26	12.67
OF 16.00	5.20	6.26	12.67
OF 17.00	5.20	6.26	12.67
OF 18.00	5.20	6.26	12.67
OF 19.00	5.20	6.26	12.67
OF 20.00	5.20	6.26	12.67
OF 21.00	5.20	6.26	12.67
OF 22.00	5.20	6.26	12.67
OF 23.00	5.20	6.26	12.67
OF 24.00	5.20	6.26	12.67
OF 25.00	5.20	6.26	12.67
OF 26.00	5.21	6.26	12.67
OF 27.00	5.21	6.26	12.67
OF 28.00	5.21	6.26	12.67
OF 29.00	5.21	6.26	12.67
OF 30.00	5.21	6.26	12.68
OF 31.00	5.21	6.26	12.68
OF 32.00	5.21	6.26	12.68
OF 33.00	5.22	6.26	12.68
OF 35.00	5.22	6.26	12.68
OF 36.00	5.22	6.26	12.69
OF 38.00	5.23	6.26	12.69
OF 39.00	5.23	6.26	12.69
OF 41.00	5.24	6.26	12.70
OF 42.00	5.25	6.26	12.70
OF 44.00	5.26	6.26	12.71
OF 45.00	5.26	6.26	12.71
OF 47.00	5.27	6.26	12.72
OF 48.00	5.28	6.26	12.72
OF 50.00	5.29	6.26	12.73
OF 51.00	5.30	6.26	12.74
OF 54.00	5.32	6.26	12.76
OF 56.00	5.34	6.26	12.77
OF 57.00	5.35	6.26	12.77
OF 62.00	5.38	6.26	12.80
OF 65.00	5.39	6.26	12.80
OF 67.00	5.39	6.26	12.80
OF 68.00	5.39	6.26	12.80
IF 159.00	4.90	6.26	12.46
IF 167.30	1.75	6.26	10.25
IF 170.60	0.01	6.26	9.04

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
15.00	1.00	9.03
31.00	1.00	9.03
45.00	1.00	9.03
62.00	1.00	9.03
167.30	1.00	9.03

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE  
164.00 WINDWARD

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.00	12.67		
		V22 EL=13	120
14.00	12.67		
		V22 EL=13	120
15.00	12.67		
		V22 EL=13	120
30.00	12.68		
		V22 EL=13	120
31.00	12.68		
		V22 EL=13	120
44.00	12.71		
		V22 EL=13	120
45.00	12.71		
		V22 EL=13	120
57.00	12.77		
		V22 EL=13	120
62.00	12.80		

148.23	12.50	V22	EL=13	120
159.00	12.46	V22	EL=12	120
162.61	11.50	V22	EL=12	120
164.00	11.13	V22	EL=11	120
166.37	10.50	A18	EL=11	90
167.30	10.25	A18	EL=10	90
169.34	9.50	A18	EL=10	90
170.60	9.04	A18	EL= 9	90

ZONE TERMINATED AT END OF TRANSECT  
 PART 7 POSTSCRIPT NOTES

PS# 1 START(360535.9213,4770987.724)  
 PS# 2 END(360385.9926,4771214.8466)

-1.000000e+00