

Ark. Inklinometr

P – 8269 / 2013

OBLICZENIE KRZYWIZNY OTWORU

Otwór:	ZIP – 4
Rejon:	Zapadlisko Przedkarpackie
Odcinek pomiarowy:	0.0 – 803.0 m
Odcinek obliczeń:	0.0 – 803.0 m
Rok badań:	2013

**Obliczenia krzywizny otworu wykonano „SYSTEMEM GEOWIN 1.5”
metodą promieni krzywizn.**

Zielona Góra, 2013

WYNIKI OBLICZENIA KRZYWIZNY OTWORU

Nazwa otworu: ZIP-4

Rejon: Zapadlisko Przedkarpackie

Odcinek pomiarowy: 0.000 - 803.000 m

Początek obliczeń: X= 0.000 m

Y= 0.000 m

Z= 0.000 m

Wysokość podbudowy: 0,6 m

Typ inklinometru: VERT

Metoda promieni krzywizn

Ilość punktów pośrednich n=1

Data: 2013

Opracowujący: mgr inż. T.Fryziak

Weryfikator: inż. R.Burliga

L.p.	Głęb. pom. [m]	Kąt [°]	Azymut [°]	Głęb. rzecz. [m]	x(0°) [m]	y(90°) [m]	x(232.09°) [m]	y(322.09°) [m]
1	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00
2	10.00	0.50	232.00	10.00	-0.03	-0.03	0.04	-0.00
3	20.00	0.50	232.00	20.00	-0.08	-0.10	0.13	-0.00
4	30.00	0.70	232.00	30.00	-0.15	-0.19	0.24	-0.00
5	40.00	1.20	232.00	40.00	-0.25	-0.32	0.40	-0.00
6	50.00	1.65	232.00	49.99	-0.40	-0.51	0.65	-0.00
7	60.00	1.70	232.00	59.99	-0.58	-0.74	0.94	-0.00
8	70.00	1.80	232.00	69.99	-0.77	-0.98	1.25	-0.00
9	80.00	2.10	232.00	79.98	-0.98	-1.25	1.59	-0.00
10	90.00	2.20	232.00	89.97	-1.21	-1.55	1.96	-0.00
11	100.00	1.80	232.00	99.97	-1.42	-1.82	2.31	-0.00
12	110.00	2.30	232.00	109.96	-1.64	-2.10	2.67	-0.00
13	120.00	1.25	233.65	119.96	-1.83	-2.35	2.98	-0.00
14	130.00	1.80	180.60	129.95	-2.06	-2.47	3.21	-0.11
15	140.00	1.40	223.30	139.95	-2.31	-2.57	3.45	-0.25
16	150.00	1.40	214.80	149.94	-2.50	-2.72	3.69	-0.30
17	160.00	1.40	211.70	159.94	-2.71	-2.86	3.92	-0.38
18	170.00	1.50	202.10	169.94	-2.93	-2.97	4.15	-0.49
19	180.00	1.60	194.90	179.93	-3.19	-3.06	4.37	-0.64
20	190.00	1.80	193.20	189.93	-3.48	-3.13	4.60	-0.82
21	200.00	1.80	207.05	199.93	-3.77	-3.24	4.87	-0.99
22	210.00	1.85	203.30	209.92	-4.06	-3.37	5.15	-1.13
23	220.00	2.10	208.10	219.91	-4.37	-3.52	5.46	-1.28
24	230.00	2.20	200.20	229.91	-4.71	-3.68	5.79	-1.46
25	240.00	2.50	204.60	239.90	-5.09	-3.83	6.15	-1.66
26	250.00	2.55	203.35	249.89	-5.49	-4.01	6.54	-1.87
27	260.00	2.80	205.45	259.88	-5.92	-4.20	6.95	-2.09
28	270.00	3.10	219.20	269.87	-6.35	-4.48	7.44	-2.26
29	280.00	2.20	207.30	279.85	-6.74	-4.73	7.87	-2.41
30	290.00	2.25	207.80	289.85	-7.08	-4.91	8.23	-2.57
31	300.00	2.15	212.10	299.84	-7.41	-5.10	8.58	-2.71
32	310.00	2.45	211.30	309.83	-7.76	-5.31	8.96	-2.85
33	320.00	2.60	207.40	319.82	-8.14	-5.53	9.36	-3.02
34	330.00	2.80	211.30	329.81	-8.55	-5.76	9.80	-3.21
35	340.00	2.80	210.60	339.80	-8.97	-6.01	10.25	-3.38
36	350.00	3.20	231.30	349.78	-9.36	-6.35	10.76	-3.48
37	360.00	3.10	225.05	359.77	-9.73	-6.76	11.31	-3.52
38	370.00	3.20	239.95	369.75	-10.06	-7.20	11.86	-3.52
39	380.00	2.10	227.60	379.74	-10.33	-7.57	12.32	-3.50
40	390.00	2.30	212.90	389.74	-10.63	-7.82	12.70	-3.58
41	400.00	2.40	212.60	399.73	-10.97	-8.04	13.08	-3.72
42	410.00	2.70	216.00	409.72	-11.34	-8.29	13.51	-3.85
43	420.00	2.40	211.30	419.71	-11.71	-8.53	13.93	-3.99
44	430.00	2.50	211.90	429.70	-12.07	-8.76	14.33	-4.14
45	440.00	2.70	213.00	439.69	-12.46	-9.00	14.76	-4.30
46	450.00	2.50	204.45	449.68	-12.85	-9.22	15.17	-4.48
47	460.00	1.90	238.05	459.67	-13.14	-9.47	15.54	-4.55
48	470.00	1.80	222.70	469.67	-13.34	-9.72	15.87	-4.56
49	480.00	1.70	225.10	479.66	-13.56	-9.93	16.17	-4.60
50	490.00	2.00	224.30	489.66	-13.79	-10.16	16.49	-4.64
51	500.00	2.40	221.10	499.65	-14.07	-10.42	16.87	-4.70
52	510.00	2.00	201.80	509.64	-14.40	-10.62	17.22	-4.84
53	520.00	2.30	231.70	519.63	-14.70	-10.84	17.58	-4.94
54	530.00	2.20	226.60	529.63	-14.95	-11.13	17.97	-4.96
55	540.00	2.70	255.90	539.62	-15.16	-11.51	18.39	-4.89
56	550.00	1.70	244.10	549.61	-15.29	-11.87	18.76	-4.77
57	560.00	1.70	247.50	559.61	-15.41	-12.14	19.04	-4.70

L.p.	Głęb. pom. [m]	Kąt [°]	Azymut [°]	Głęb. rzecz. x(0°) [m]	y(90°) [m]	x(232.09°) [m]	y(322.09°) [m]
58	570.00	2.20	235.80	569.60	-15.57	-12.44	19.38
59	580.00	1.90	235.70	579.59	-15.77	-12.73	19.74
60	590.00	1.70	246.10	589.59	-15.93	-13.00	20.05
61	600.00	1.80	247.35	599.58	-16.05	-13.29	20.34
62	610.00	2.30	240.85	609.58	-16.20	-13.61	20.69
63	620.00	2.30	259.10	619.57	-16.34	-13.98	21.07
64	630.00	2.25	245.75	629.56	-16.46	-14.36	21.44
65	640.00	1.70	243.70	639.56	-16.61	-14.67	21.78
66	650.00	1.95	246.35	649.55	-16.74	-14.96	22.09
67	660.00	2.30	245.70	659.54	-16.89	-15.30	22.45
68	670.00	1.90	243.70	669.54	-17.05	-15.63	22.81
69	680.00	2.30	245.60	679.53	-17.20	-15.96	23.16
70	690.00	2.70	249.20	689.52	-17.37	-16.36	23.59
71	700.00	3.10	256.70	699.51	-17.52	-16.85	24.06
72	710.00	3.10	258.90	709.49	-17.63	-17.38	24.54
73	720.00	3.40	274.40	719.48	-17.67	-17.94	25.01
74	730.00	2.70	281.40	729.46	-17.59	-18.47	25.38
75	740.00	2.55	276.00	739.45	-17.53	-18.92	25.70
76	750.00	2.80	279.50	749.44	-17.46	-19.38	26.02
77	760.00	3.10	271.90	759.43	-17.41	-19.89	26.39
78	770.00	2.97	259.57	769.41	-17.45	-20.42	26.83
79	780.00	2.80	267.60	779.40	-17.51	-20.92	27.26
80	790.00	3.40	277.10	789.39	-17.48	-21.46	27.67
81	800.00	3.40	287.63	799.37	-17.36	-22.04	28.05
82	803.00	4.00	281.90	802.36	-17.31	-22.23	28.17

Odchylenie spodu otworu: 28.17 m
Azymut odchylenia spodu otworu: 232.09°
Azymut płaszczyzny dodatkowego rzutu pionowego: 232.09°

UWAGI:

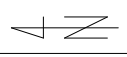
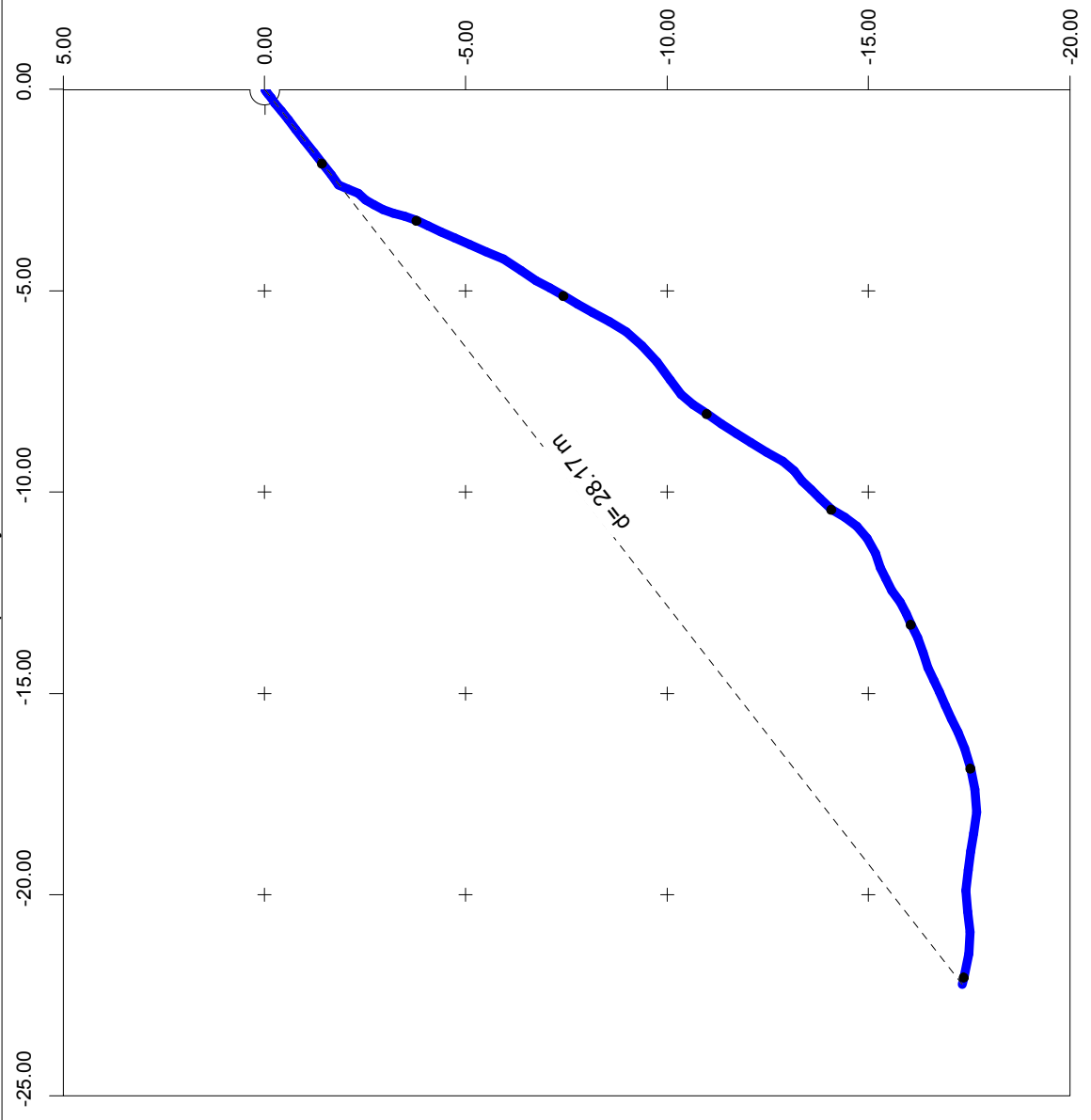
1. W interwale zarurowanym 0,0-116,0m przyjęto wartość azymutu 232.0 st.

Program Inklinometr ver. 1.2.0.38

SYSTEM GEOWIN 1.5

Zakład Geofizyki WGGiOŚ - AGH, Geofizyka Kraków Sp. z o.o.

Rzut poziomy osi otworu ZIP-4



Oczko siatki:
dx=5.00 m

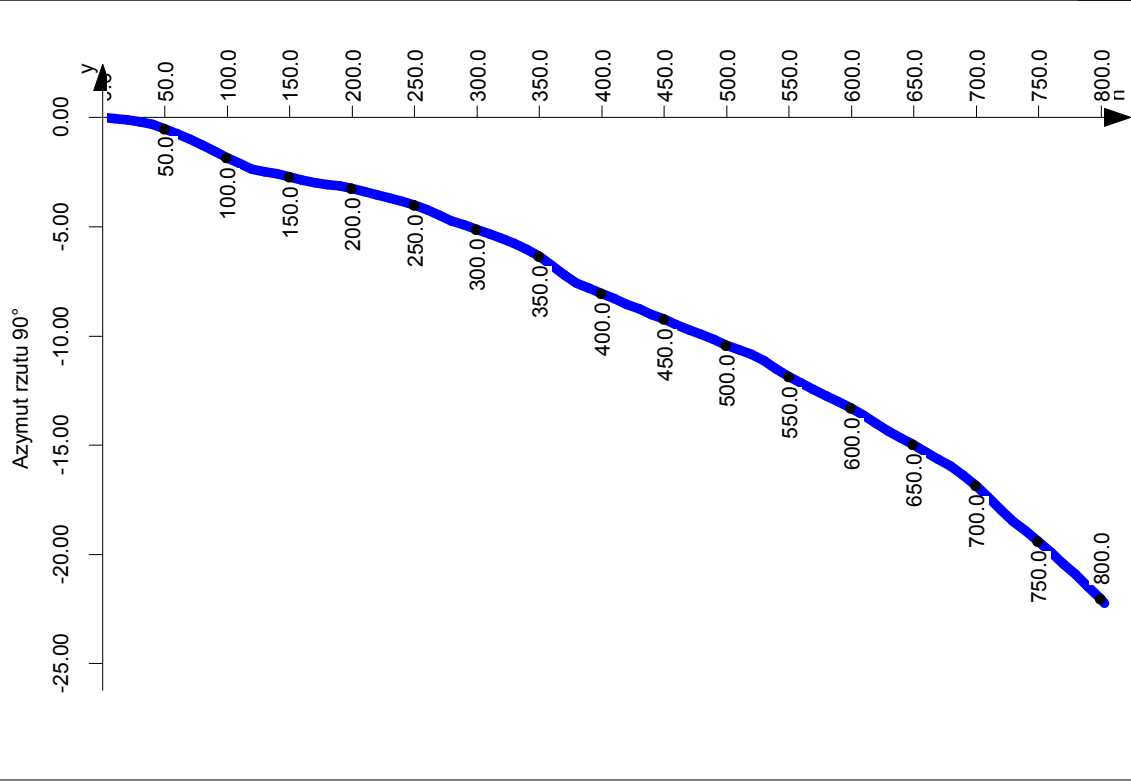
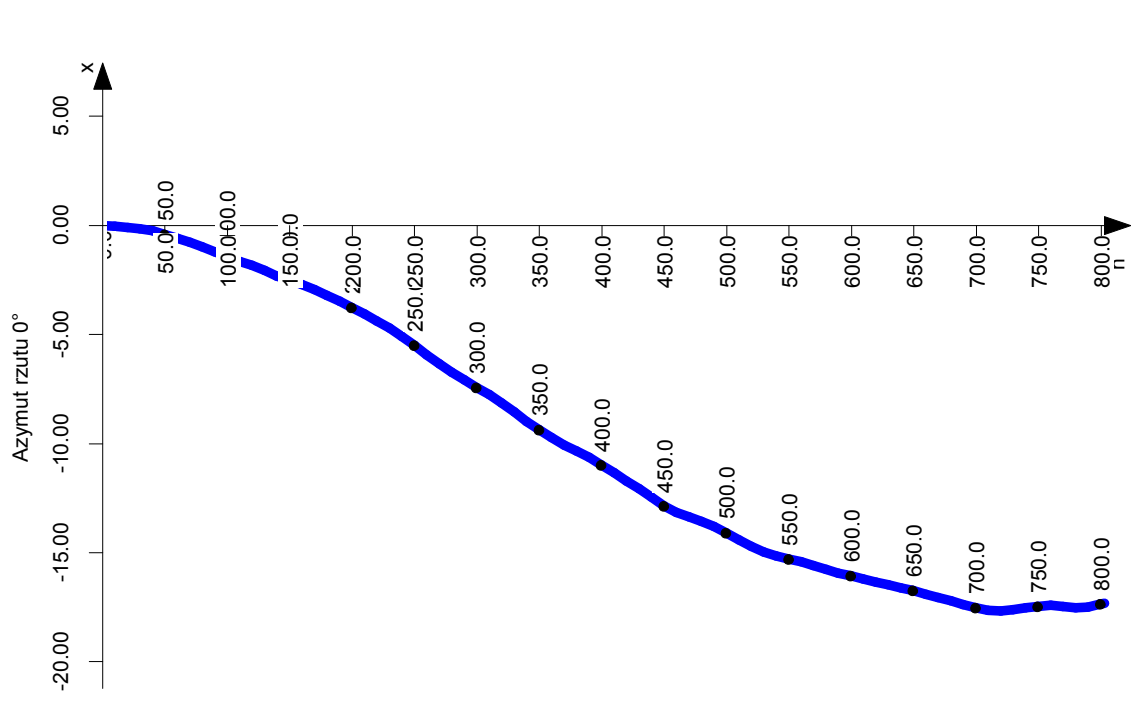
Wsp. pkt pocz.:
x=0 m
y=0 m
h=0 m

Wsp. pkt końc.:
x=-17.31 m
y=-22.23 m
h=802.36 m

Metoda:
promieni krzywizn
il. p. pośr. n=1
d= 28.17 m
azymut= 232.09°

GEOWIN 1.5

Rzut pionowy osi otworu ZIP-4



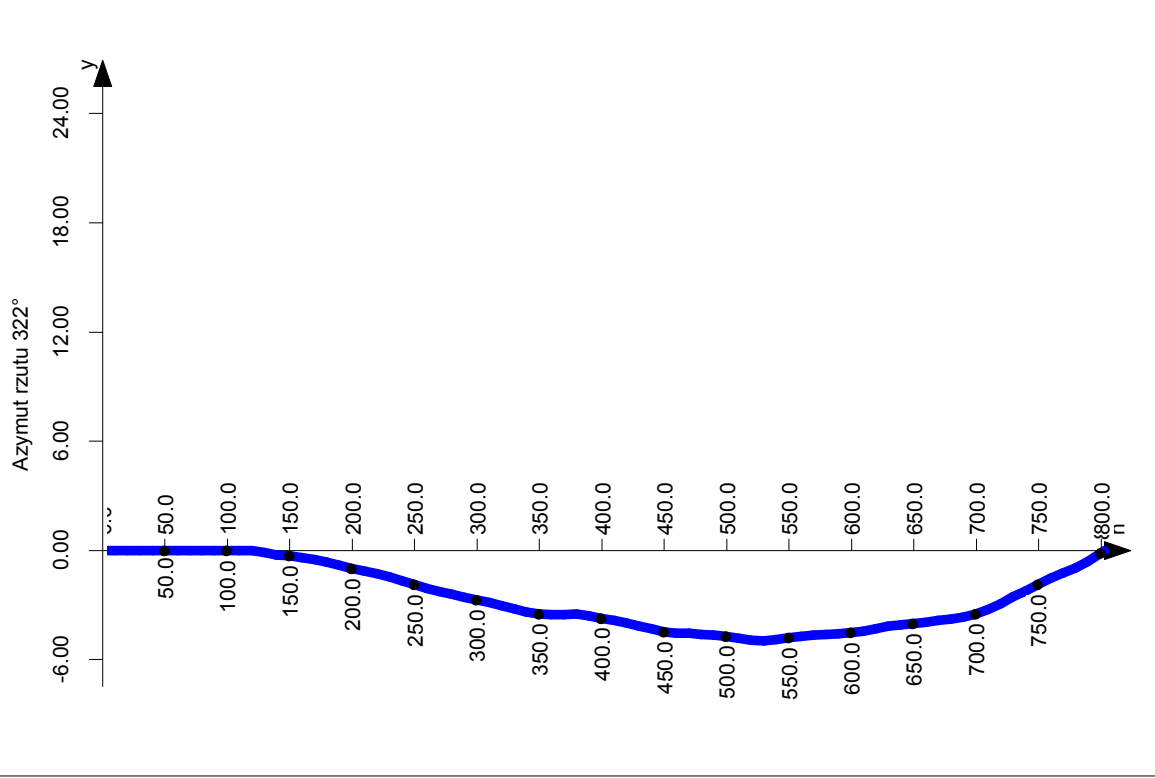
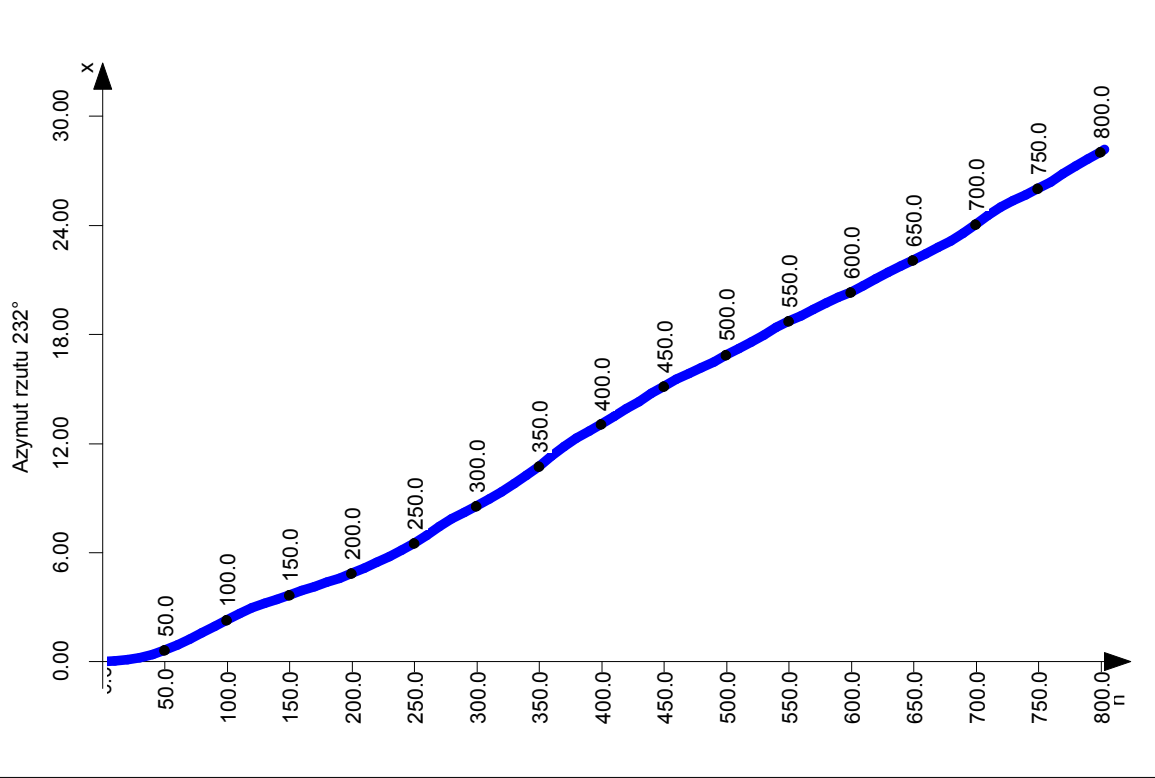
Wsp. pkt pocz.:
 x=0.00 m
 y=0.00 m
 h=0.00 m

Wsp. pkt końc.:
 x=-17.31 m
 y=-22.23 m
 h=802.36 m

Metoda:
 promieni krzywizn
 Il. pkt pośr. n=1

GEOWIN 1.5

Rzut pionowy osi otworu ZIP-4



Wsp. pkt pocz.:
 x=0.00 m
 y=0.00 m
 h=0.00 m

Wsp. pkt końc.:
 x=28.17 m
 y=0.00 m
 h=802.36 m

Metoda:
 promieni krzywizn
 Il. pkt pośr. n=1

GEOWIN 1.5