

Tonnage Calculations

<u>Section 1100 E</u>	-	Section Area of skarn:	$60 \times \frac{80 + 30}{2}$	=	3300 m ²
		Section Area of wriggelite:	70×15	=	1050 m ²
		Applied over a width of 50mE + 62.5mW		=	112.5 m
		Tonnage Factor		=	3.5
		Tonnage allocated to section		=	1,300,000 tonnes skarn 400,000 tonnes wriggelite
		Grade		=	850 ppm Sn, 1760 ppm W
<u>Section 975 E</u>	-	Section Area of wriggelite:	200×60	=	1200 m ²
		Applied over a width of 62.5mE + 37.5W		=	100 m
		Tonnage Factor		=	3.5
		Tonnage allocated to section		=	4,200,000 tonnes
		Grade		=	1480 ppm Sn, 860 ppm W
<u>Section 900 E</u>	-	Section Area of wriggelite:	50×200	=	10,000 m ²
		Applied over a width of 100mW + 37.5mE		=	137.5 m
		Tonnage Factor		=	3.5
		Tonnage allocated to section		=	4,800,000 tonnes
		Grade		=	1415 ppm Sn, 1020 ppm W
		Overburden area	$35m \times 300m$	=	10,500 m ²
		Tonnage Factor		=	2.6
		Overburden Tonnage		=	3,700,000 tonnes
<u>Section 700 E</u>	-	Section Area of wriggelite:	$(40 \times 200) + (100 \times 30)$	=	11,000 m ²
		Applied over a width of 50mW + 100mE		=	150 m
		Tonnage Factor		=	3.5
		Tonnage allocated to section		=	5,800,000 tonnes
		Grade		=	1490 ppm Sn, 960 ppm W
		Overburden area	$35m \times 400m$	=	12,000 m ²
		Tonnage Factor		=	2.6
		Overburden Tonnage		=	5,500,000 tonnes

Open pit tonnage potential in this area is estimated to total about 16 million tonnes averaging about 0.14% Sn, 0.10% W with possible 9.2 million tons of mainly basalt overburden. About 5.5 million tonnes of this material would be available free of overburden.