

MINFILE Number:	092HNE073	Name:	BIG SIOUX	Status:	Past Producer
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Ore Zone/ Year/Report On		Tonnage/ Category	Commodity	Grade	Reference/ Comments
2012	N	Assay/analysis	Copper	0.22 %	A drill hole (BK-12-05), situated on an induced polarization anomaly and located several hundred metres north of the main Big Sioux workings, intercepted a clay-quartz-hematite altered shear/fault zone hosting bornite and chalcopyrite mineralization; sample over 21 metres (174 to 195 metres down-hole). Assessment Report 33851
		Drill Core	Gold	0.41 g/t	
1997	N	Assay/analysis	Copper	0.18 %	Over 20 metres of potassic altered monzonite dike in hole BK97-05, located approximately 150 metres northwest of the previous 1992 drill hole 92-6, while drilling near the Big Sioux workings yielded up to 0.09 gram per tonne gold and 0.16 per cent copper in hole BK97-10. Assessment Report 25611
		Drill Core	Gold	0.20 g/t	
1992	N	Assay/analysis	Copper	0.12 %	Drilling of a coincident magnetic and chargeability high and copper-gold soil anomaly intercepted a sequence of porphyritic volcanic flows and tuff hosting quartz-carbonate-magnetite vein stockworks with chalcopyrite mineralization associated with a monzonite dike yielding up to 0.12 per cent copper and 0.15 gram per tonne gold over the total 119 metres of hole 92-6. Assessment Report 22720
		Drill Core	Gold	0.15 g/t	
1992	N	Assay/analysis	Copper	1.25 %	A grab sample (95582) from an adit dump located near the south side of the highway. Assessment Report 25611
		Rock	Gold	2.04 g/t	
1992	N	Assay/analysis	Gold	0.990 g/t	Over 1 metre (sample 95616) from the main workings area. Assessment Report 25611
		Chip	Copper	0.940 %	
1992	N	Assay/analysis	Copper	0.750 %	Surface sampling of the occurrence area yielded 0.750 and 0.407 per cent copper with 0.610 and 0.355 gram per tonne gold over 1 and 3 metres, respectively, from the area of drill hole BK97-05 and 92-6 (Samples 95609 and 95629). Assessment Report 25611
		Chip	Gold	0.610 g/t	
1992	N	Assay/analysis	Copper	0.813 %	A grab sample (95627) on the Bald Hill trenches. Assessment Report 25611
		Grab	Silver	5.2 g/t	
		Grab	Gold	0.095 g/t	

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SAMPLE			Copper	0.77 %	Over 5 metres.
1991	N	Assay/analysis Chip	Gold	1.00 g/t	Folk, P.G. (2011-05-12): Technical Report on the Big Kidd Property
ROADCUT			Silver	34.1000 g/t	Sample taken over 10 metres.
1990		Assay/analysis Chip	Gold	14.4500 g/t	Assessment Report 20834, page 5.
			Copper	3.2700 %	
TRENCH			Copper	0.223 %	Trench 4 over 27 metres.
1978	N	Assay/analysis Channel	Gold	0.106 g/t	Assessment Report 7100, page 11
			Silver	1.26 g/t	
DRILLHOLE			Copper	0.26 %	percussion drilling on the occurrence area is reported to have yielded copper intersections of 0.16 to 0.26 per cent range in holes 71-1, -2 and -22.
1972	N	Assay/analysis Drill Core			Assessment Report 22720
SHAFT			Copper	1.82 %	A grab sample from a shaft is reported to have yielded 1.82 per cent copper, while samples from a pit to the west of the shaft yielded from 0.41 to 0.67 per cent copper over 4.5 metres.
1966	N	Assay/analysis Grab			Property File – 8531 and 8532
DRILLHOLE			Copper	0.48 %	Drill holes 7, 8 and 9 on the occurrence area is reported to have yielded a number of copper intersections ranging from 0.20 to 0.48 per cent copper in mixed volcanics and dioritic intrusives.
1956	N	Assay/analysis Drill Core			Assessment Report 22720
DUMP			Silver	82.0000 g/t	Composite grab sample from dump.
1901		Assay/analysis Grab	Gold	0.7000 g/t	Minister of Mines Annual Report 1901, page 1181.
			Copper	12.6000 %	