MINFILE Number: 092HNE073 **Name:** BIG SIOUX **Status:** Past Producer

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
DRILLHOLE 2012 N	Assay/analysis Drill Core	Copper Gold	0.22 % 0.41 g/t	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
DRILLHOLE 1997 N	Assay/analysis Drill Core	Copper Gold	0.18 % 0.20 g/t	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
DRILLHOLE 1992 N	Assay/analysis Drill Core	Copper Gold	0.12 % 0.15 g/t	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
DUMP 1992 N	Assay/analysis Rock	Copper Gold	1.25 % 2.04 g/t	A grab sample (95582) from an adit dump located near the south side of the highway. Assessment Report 25611
MAIN 1992 N	Assay/analysis Chip	Gold Copper	0.990 g/t 0.940 %	Over 1 metre (sample 95616) from the main workings area. Assessment Report 25611
OUTCROP 1992 N	Assay/analysis Chip	Copper Gold	0.750 % 0.610 g/t	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
TRENCHES 1992 N	Assay/analysis Grab	Copper Silver Gold	0.813 % 5.2 g/t 0.095 g/t	A grab sample (95627) on the Bald Hill trenches. Assessment Report 25611

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
SAMPLE 1991 N	Assay/analysis Chip	Copper Gold	0.77 % 1.00 g/t	Over 5 metres. Folk, P.G. (2011-05-12): Technical Report on the Big Kidd Property
ROADCUT 1990	Assay/analysis Chip	Silver Gold Copper	34.1000 g/t 14.4500 g/t 3.2700 %	Sample taken over 10 metres. Assessment Report 20834, page 5.
TRENCH 1978 N	Assay/analysis Channel	Copper Gold Silver	0.223 % 0.106 g/t 1.26 g/t	Trench 4 over 27 metres. Assessment Report 7100, page 11
DRILLHOLE 1972 N	Assay/analysis Drill Core	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. Assessment Report 22720
SHAFT 1966 N	Assay/analysis Grab	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. Property File – 8531 and 8532
DRILLHOLE 1956 N	Assay/analysis Drill Core	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. Assessment Report 22720
DUMP 1901	Assay/analysis Grab	Silver Gold Copper	82.0000 g/t 0.7000 g/t 12.6000 %	Composite grab sample from dump. Minister of Mines Annual Report 1901, page 1181.