

Table 1. Sample **Floodplain 1** mineralogy.

	MAG	PM1 <sup>2</sup>	PM2	NM<3.3	NM>3.3	HEAD
Gm	<i>0.36</i>	<i>44.35</i>	<i>99.47</i>	<i>18.90</i>	<i>1.80</i>	<i>164.88</i>
Fraction%	<i>0.22</i>	<i>26.90</i>	<i>60.33</i>	<i>11.46</i>	<i>1.09</i>	<i>100</i>
Oxides <sup>1</sup>	10	0	0	0	1	<b>0.1</b>
Ilmenite	80	7	0	0	0	<b>2.2</b>
Garnet	3	22	4	0	3	<b>8.4</b>
Amphibole	2	70	93	82	13	<b>84.5</b>
Titanite	0	0	0	0	76	<b>0.8</b>
Al-Silicates	0	0	0	12	0	<b>1.4</b>
Rutile	0	0	0	0	6	<b>0.1</b>
Biotite	5	1	3	6	0	<b>2.6</b>
Leucoxene	0	0	0	0	1	<b>0.1</b>
	100	100	100	100	100	<b>100</b>

<sup>1</sup> titanomagnetite, ironstone

<sup>2</sup> Garnet counted using weighed MI separates and +/-0.4mm fractions