SMD 11:   750E/100S, vertical, depth 120 m. To test
central part of main magnetic anomaly. Basalt with mudstone
interbeds to 31 m, then wrigglite interbedded with various
metasiltstone and calc-silicate rock to 69 m.

SMD 12:   450E/50N, vertical, depth 123 m. To test an
area with no magnetic high, to determine rock types, at NW
perimeter of the main magnetic anomaly. Basalt with under-
lying deep lead sediments to 40 m, then cavernous limestone
to 91 m, then relatively minor wrigglite interbedded with
calc-silicate rock and metasiltstone to 109 m.

SMD 13:   1450E/50S, vertical, depth 182 m. To test the
magnetic anomaly to the east of Bismuth Creek. Anomaly was
puzzling since sandstone occurs at the surface.

Sandstone to 84 m, then through a fault into skarn to 113 m.
Skarn is very rich in sphalerite in places; up to 27.5% Zn
(89.10 to 90.00) and averaging 8.6% Zn over 16.65 m from
87.35 to 104.00 (see Table below). This skarn seems to be
replacement of pre-existing calc-silicate rock and wrigglite.
Below skarn there is calc-silicate rock to 124, then sand-
stone.

SMD 16 was drilled into the same anomaly and established that
the fault is a flat lying reverse fault, where older sand-
stone has been brought over the top of limestone or skarn.
It is not known whether this reverse fault predates or post
dates mineralization.

From	To	Int.	% Zn	Int x Zn
87.35	88.50	1.15	6.30	7.25
88.50	89.10	0.60	13.80	8.28
89.10	90.00	0.90	27.50	24.75
90.00	91.00	1.00	14.50	14.50
91.00	92.00	1.00	5.25	5.25
92.00	93.00	1.00	12.50	12.50
93.00	94.00	1.00	11.50	11.50
94.00	95.00	1.00	8.50	8.50
95.00	96.00	1.00	13.00	13.00
96.00	97.00	1.00	5.40	5.40
97.00	98.25	1.25	0.43	0.54
98.25	99.25	1.00	1.31	1.31
99.25	100.25	1.00	7.75	7.75
100.25	101.25	1.00	10.40	10.40
101.25	102.25	1.00	7.00	7.00
102.25	103.25	1.00	4.65	4.65
103.25	104.00	0.75	1.63	1.22

Total 16.65 m   wt.av. 8.63%   143.76

SMD 14:   100W/175N, vertical, depth 194 m. Not logged
by PWA, see graphical sedimentological log of P.W. Stainton.
To test E.I.P. chargeability anomaly (Post Office anomaly).