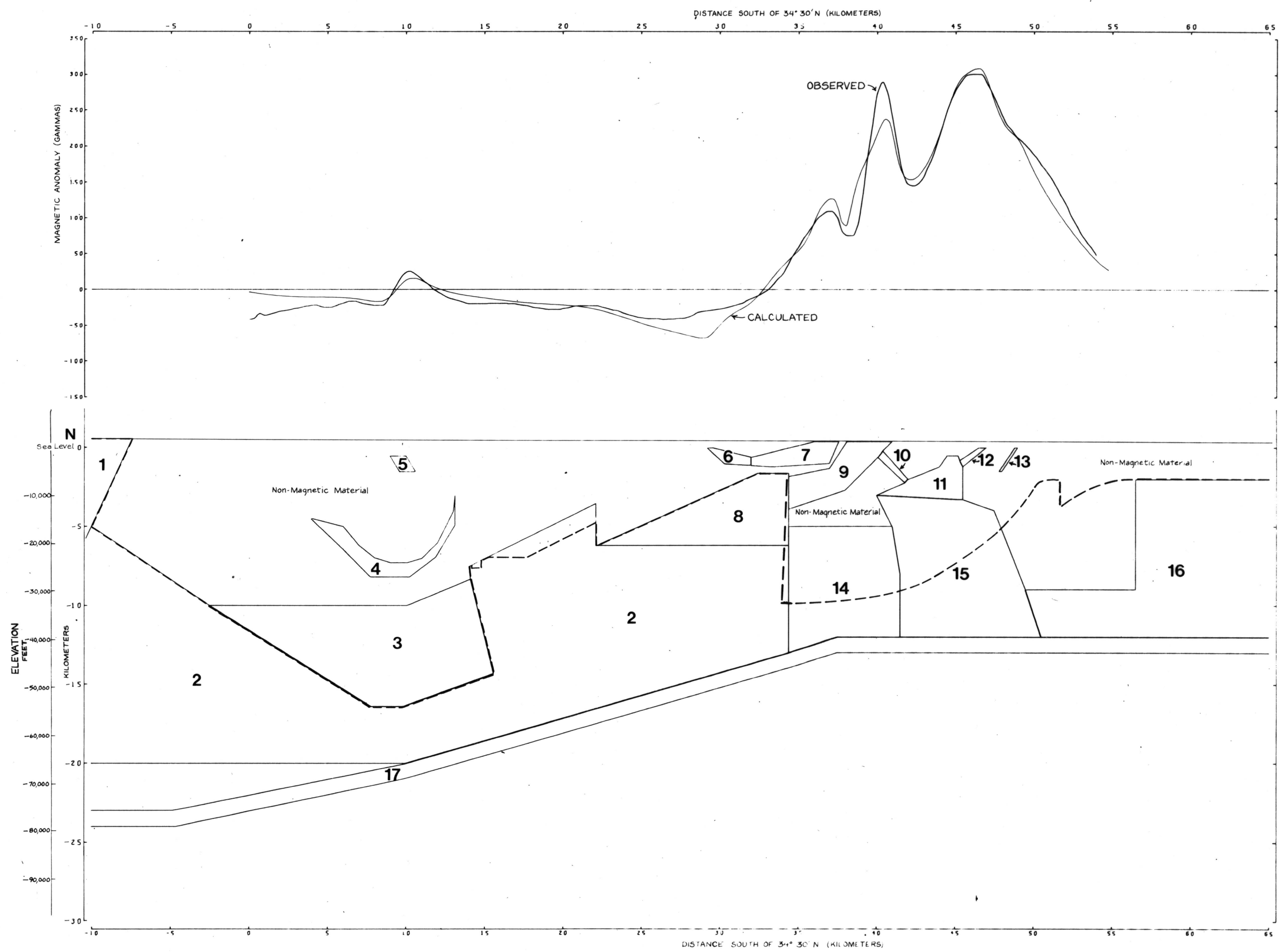


MAGNETIC MODEL 1

BODY NUMBER	PERCENT MAGNETITE	SUSCEPTIBILITY $\times 10^{-6}$ EMU	ROCK CHARACTER
1	0.13	300	Sierran basement
2	0.25	600	Intrusive
3	0.10	250	Intrusive
4	0.03	70	Intrusive
5	0.60	1500	Miocene volcanics
6	0.28	700	Miocene volcanics
7	0.33	800	Miocene volcanics
8	0.18	450	Franciscan basement
9	0.20	500	Intrusive (?)
10	0.25	600	Intrusive (?)
11	0.30	750	Intrusive
12	0.25	600	Basaltic basement
13	10.00	25000	Curie point boundary

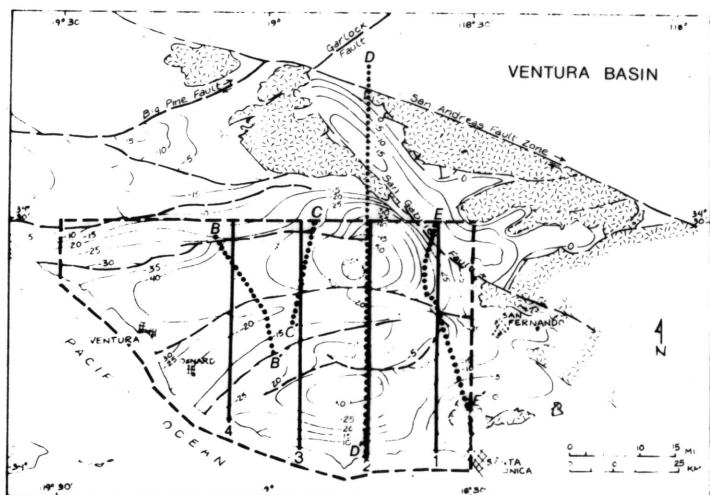
--- Basement Inferred from Nagle and Parker (1971)



MAGNETIC MODEL 2

BODY NUMBER	PERCENT MAGNETITE	SUSCEPTIBILITY $\times 10^{-6}$ EMU	ROCK CHARACTER
1	0.13	300	Sierran basement
2	0.20	500	Franciscan basement
3	0.40	1000	Greenschist facies metamorphics
4	0.20	500	Miocene volcanics
5	0.20	500	Oil field effects (?)
6	0.10	250	Miocene volcanics
7	0.20	500	Miocene volcanics
8	0.28	700	Franciscan basement
9	0.24	600	Miocene volcanics
10	0.30	750	Intrusives
11	0.30	750	Intrusives
12	0.30	750	Intrusives
13	0.30	750	Intrusives
14	0.30	750	Franciscan basement
15	0.40	1000	Franciscan basement
16	0.30	750	Franciscan basement
17	10.00	25000	Curie point boundary

--- Basement Inferred from Nagle and Parker (1971)



VENTURA BASIN DEPTH TO MAGNETIC BASEMENT
EUREKA NO. 70594

TITLE: STRUCTURAL CROSS SECTIONS BENEATH MAGNETIC MODELS 1 AND 2

PLATE 2 ORIG SCALE 1:125,000

DATE 26 JULY 1978 DRAWN BY JRP

APPROVED *[Signature]*

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This report (map) was prepared under contract to (a grant from) the U. S. Geological Survey and has not been reviewed for conformity with USGS editorial standards and stratigraphic nomenclature.