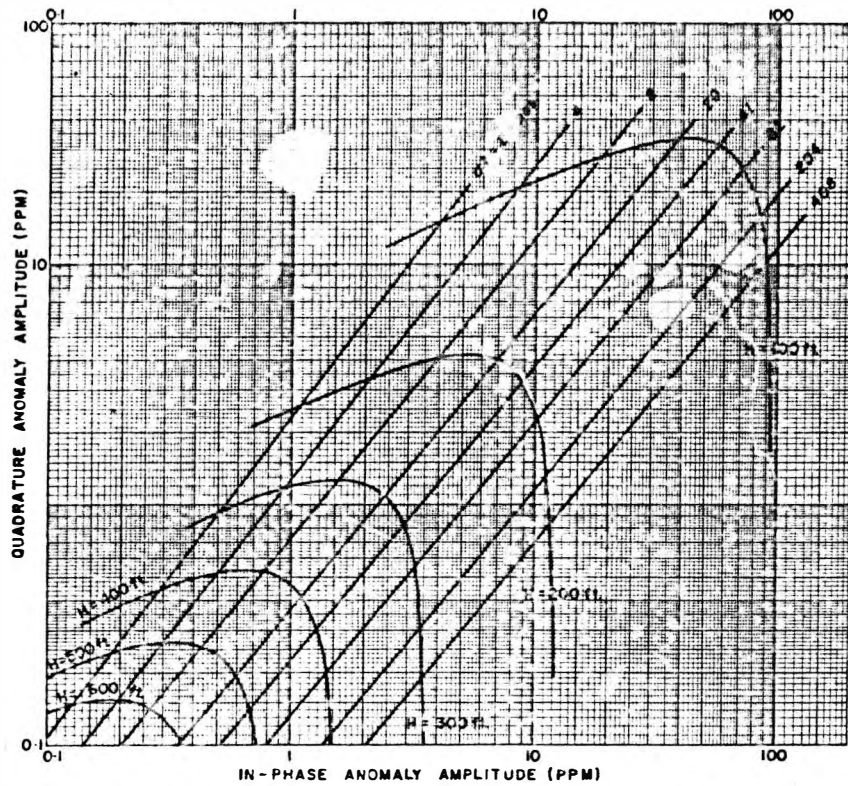


PELTY CLAIMS

006078



EM RESPONSE

Conductivity thickness in mhos

- ⑨ > 500
- ⑧ 250 - 500
- ⑦ 125 - 250
- ⑥ 60 - 125
- ⑤ 30 - 60
- ④ 15 - 30
- ③ 8 - 15
- ② 4 - 8
- ① 2 - 4
- < 2

25 Inphase response

Table 1

Relative Peak Amplitude Reduction

<u>Depth (ft)</u>	<u>Fast Integrator</u>	<u>Slow Integrator</u>
100	0.80	0.26
200	0.98	0.50
300	1.00	0.70
400	1.00	0.80
500	1.00	0.88
600	1.00	0.91

Table 2

Relative Increase in Anomaly Width
(Full Width at Half Maximum)

<u>Depth (ft)</u>	<u>Fast Integrator</u>	<u>Slow Integrator</u>
100	1.40	4.2
200	1.05	2.2
300	1.00	1.6
400	1.00	1.4
500	1.00	1.3
600	1.00	1.2

Table 3

Delay in Anomaly Peak (Seconds)

<u>Depth (ft)</u>	<u>Fast Integrator</u>	<u>Slow Integrator</u>
100	0.80	2.20
200	0.35	1.40
300	0.25	1.00
400	0.20	0.80
500	0.18	0.67
600	0.15	0.50

PROSPECTIVE DATA

The information and data presented herein was originated by and is the property of the U.S. Geological Survey. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the U.S. Geological Survey.