000

70-624

C16001

GEOPHOTO MINERALS REPORT 1970/1A

ROCK AND SOIL GEOCHEMISTRY,

UPPER SCAMANDER ANOMALIES.

E.L.6/68.

Appendix to 1970/1.

Texins Development Pty. Ltd.

001

016002

ROCK AND SOIL GEOCHEMISTRY, UPPER SCAMANDER ANOMALIES

Drawing No. 1/119 shows the anomalous areas in the Upper Scamander anomaly on lines on which I.P. surveys were carried out.

The data of analysis for Cu, Pb, Zn and Ag are appended (Table 1). Zinc values are not co-incident with copper.

The areas of higher anomaly should be searched carefully for bedrock or "float" to eliminate lithologic sources such as basic intrusives for copper. Some limited trenching may be necessary for this.

Should no lithologic source be revealed, the area should be considered as a target for shallow drilling based on weak I.P. anomalies revealed. A hole sited on Line 11 near Station 8 depressed west at 55° to 500' is suggested as a possible initial test.

J.H. Rattigan

April, 1970.

Map
Upper Scamander Area - Geochemical anomalies

002

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 00007A Project No. EL6/68 016003

LAB. SHEET No.: 179/1. Soil Profile DATE: 10th February, 1970

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm
US.11.00	70-B-1	BLD	10	10	BLD
US.11.1	70-B-2	BLD	15	5	BLD
US.11.2	70-B-3	BLD	10	5	BLD
US.11.3	70-B-4	10	25	15	1
US.11.4	70-B-5	5	25	5	BLD
US.11.5	70-B-6	5	15	5	BLD
US.11.6	70-B-7	BLD	20	5	BLD
US.11.7	70-B-8	25	20	20	BLD
US.11.8	70-B-9	15	15	10	BLD
US.11.9	70-B-10	55	30	15	1
US.11.10	70-B-11	70	40	25	1
US.11.11	70-B-12	5	15	5	BLD
US.11.12	70-B-13	30	20	10	BLD
US.11.14	70-B-14	20	20	10	BLD
US.11.15	70-B-15	10	20	10	BLD
US.11.16	70-B-16	50	30	20	BLD
US.11.17	70-B-17	45	45	20	1
US.11.18	70-B-18	60	45	25	BLD
US.11.19	70-B-19	65	35	10	BLD
US.11.20	70-B-20	75	35	10	BLD
US.11.21	70-B-21	20	30	10	BLD
US.11.22	70-B-22	35	30	10	BLD
US.11.23	70-B-23	20	25	10	BLD
US.11.24	70-B-24	50	50	15	BLD
US.11.25	70-B-25	35	60	15	BLD
US.11.26	70-B-26	15	20	15	BLD
US.11.27	70-B-27	15	25	15	BLD
US.11.28	70-B-28	20	30	15	BLD
US.11.29	70-B-29	25	25	20	BLD
US.11.30	70-B-30	25	35	20	1
US.11.31	70-B-31	25	40	20	1
US.11.32	70-B-32	30	45	35	1
US.11.33	70-B-33	15	35	40	1
US.11.34	70-B-34	10	25	30	1
US.11.35	70-B-35	15	35	40	1
US.11.36	70-B-36	25	35	40	1
US.11.37	70-B-37	35	35	45	1
US.11.38	70-B-38	35	35	50	1
US.11.39	70-B-39	50	45	60	1
US.11.40	70-B-40	35	40	65	1
US.11.41	70-B-41	50	60	55	1
US.11.42	70-B-42	45	50	65	1
US.11.43	70-B-43	115	75	90	1
US.11.44	70-B-44	55	60	60	1
US.11.45	70-B-45	45	40	60	1
US.11.46	70-B-46	55	100	90	1

METHODS: Cu, Pb, Zn, Ag by G.R.C. No. 1.

B.L.D: Below Limit of Detection.

Chief Chemist Ray W. Gerbrey

003

GEOCHEMICAL LABORATORY REPORT

016004

FIELD SHEET No.: 00007A/75. Project No. EL6/68

LAB. SHEET No.: 179/2. Soil Profile DATE: 10th February, 1970

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
US.11.47	70-B-47	35	50	45	1				
US.11.48	70-B-48	10	30	15	BLD				
US.11.49	70-B-49	15	25	15	BLD				
US.11.50	70-B-50	10	20	15	BLD				
US.11.51	70-B-51	60	30	35	1				
US.11.52	70-B-52	35	25	25	BLD				
US.11.53	70-B-53	25	20	25	BLD				
US.11.54	70-B-54	20	20	20	BLD				
US.11.55	70-B-55	45	30	30	1				
US.11.56	70-B-56	40	30	30	1				
US.11.57	70-B-57	30	30	40	BLD				
US.11.58	70-B-58	35	30	40	BLD				
US.11.59	70-B-59	40	25	35	BLD				
US.11.60	70-B-60	100	95	60	1				
US.11.61	70-B-61	15	20	25	BLD				
US.11.62	70-B-62	15	25	25	BLD				
US.11.63	70-B-63	75	35	40	BLD				
US.11.64	70-B-64	90	50	30	BLD				
US.11.65	70-B-65	55	50	30	BLD				
US.11.66	70-B-66	50	30	25	BLD				
US.11.67	70-B-67	60	45	30	1				
US.11.68	70-B-68	70	65	45	2				
US.11.69	70-B-69	30	30	20	BLD				
US.11.70	70-B-70	25	35	20	BLD				
US.11.71	70-B-71	15	25	15	BLD				
US.11.72	70-B-72	25	35	25	BLD				
US.11.73	70-B-73	50	55	20	BLD				
US.11.74	70-B-74	75	45	20	BLD				
US.11.75	70-B-75	55	40	40	BLD				
US.11.76	70-B-76	85	70	60	1				
US.11.77	70-B-77	150	80	50	1				
US.11.78	70-B-78	50	45	25	1				
US.11.79	70-B-79	180	70	50	1				
US.11.80	70-B-80	25	30	15	BLD				
US.11.81	70-B-81	70	30	35	1				
US.11.82	70-B-82	60	25	25	BLD				
US.11.83	70-B-83	40	30	40	BLD				
US.11.84	70-B-84	60	40	45	1				
US.11.85	70-B-85	35	35	40	1				
US.11.86	70-B-86	65	40	55	1				
US.11.87	70-B-87	35	40	55	1				
US.11.88	70-B-88	45	50	45	1				
US.11.89	70-B-89	15	30	45	1				
US.11.90	70-B-90	75	50	80	1				
US.11.91	70-B-91	45	40	65	1				
US.11.92	70-B-92	20	35	50	1				

METHODS:

Chief Chemist Ray W. Herbert

004

GEOCHEMICAL LABORATORY REPORT

016005

FIELD SHEET No. 000075/76 Project No. EL6/68

LAB. SHEET No. 179/3. Soil Profile DATE: 10th February, 1970

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
US.11.93	70-B-93	20	40	55	1				
US.11.94	70-B-94	45	35	65	1				
US.11.95	70-B-95	40	30	50	1				
US.11.96	70-B-96	15	20	20	BLD				
US.11.97	70-B-97	25	30	30	1				
US.11.98	70-B-98	50	50	50	1				
US.11.99	70-B-99	40	35	35	1				
US.11.101	70-B-100	65	45	45	1				
US.11.102	70-B-101	55	40	80	1				
US.11.103	70-B-102	55	50	70	2				
US.11.104	70-B-103	45	45	60	2				
US.11.105	70-B-104	35	55	60	2				
US.11.106	70-B-105	15	35	35	1				
US.11.107	70-B-106	25	40	40	1				
US.11.108	70-B-107	30	50	35	2				
US.11.109	70-B-108	25	35	35	1				
US.11.110	70-B-109	85	65	60	2				
US.11.111	70-B-110	25	35	45	1				
US.11.112	70-B-111	15	20	15	BLD				
US.11.113	70-B-112	45	30	35	1				
US.11.114	70-B-113	105	50	60	2				
US.11.115	70-B-114	20	25	25	1				
US.11.116	70-B-115	25	25	20	1				
US.11.117	70-B-116	5	15	15	BLD				
US.11.118	70-B-117	10	20	15	BLD				
US.11.119	70-B-118	5	15	15	BLD				
US.11.120	70-B-119	15	25	20	1				
US.11.121	70-B-120	5	15	10	BLD				
US.11.122	70-B-121	5	20	10	BLD				
US.11.123	70-B-122	15	30	20	1				
US.11.124	70-B-123	BLD	25	5	BLD				
US.11.125	70-B-124	BLD	15	10	BLD				
US.11.126	70-B-125	5	20	10	1				
US.11.127	70-B-126	10	30	20	1				
US.11.128	70-B-127	20	35	30	1				
US.11.129	70-B-128	5	20	10	BLD				
US.11.130	70-B-129	5	20	15	BLD				
US.11.131	70-B-130	5	20	15	BLD				
US.11.132	70-B-131	5	25	15	BLD				
US.11.133	70-B-132	5	20	10	BLD				
US.11.134	70-B-133	5	25	20	BLD				
US.11.135	70-B-134	5	15	10	BLD				
US.11.136	70-B-135	5	15	10	BLD				
US.11.137	70-B-136	BLD	15	5	BLD				
US.11.138	70-B-137	5	25	15	BLD				
US.11.139	70-B-138	5	15	10	BLD				

METHODS:

Chief Chemist Ray W. Herbert

005

GEOCHEMICAL LABORATORY REPORT

016006

FIELD SHEET No.: 000076/77. Project No. EL6/68

LAB. SHEET No.: 1794. Soil Profile DATE: 10th February, 1970

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm
US.11.140	70-B-139	5	20	10	BLD
US.12.00	70-B-140	10	20	20	BLD
US.12.01	70-B-141	10	20	15	BLD
US.12.02	70-B-142	5	20	10	BLD
US.12.03	70-B-143	5	25	15	1
US.12.04	70-B-144	10	30	15	1
US.12.05	70-B-145	15	20	15	BLD
US.12.06	70-B-146	15	15	10	BLD
US.12.07	70-B-147	30	25	20	1
US.12.08	70-B-148	30	30	15	1
US.12.09	70-B-149	20	70	15	1
US.12.10	70-B-150	30	20	20	1
US.12.11	70-B-151	20	20	25	BLD
US.12.12	70-B-152	25	30	30	1
US.12.13	70-B-153	40	30	40	1
US.12.14	70-B-154	50	30	40	1
US.12.15	70-B-155	35	30	30	1
US.12.16	70-B-156	50	35	40	1
US.12.17	70-B-157	25	30	30	1
US.12.18	70-B-158	20	20	20	1
US.12.19	70-B-159	15	20	20	1
US.12.20	70-B-160	10	20	15	1
US.12.21	70-B-161	15	20	20	1
US.12.22	70-B-162	25	25	25	1
US.12.23	70-B-163	45	35	35	1
US.12.24	70-B-164	50	40	30	1
US.12.25	70-B-165	95	60	60	1
US.12.26	70-B-166	95	55	65	1
US.12.27	70-B-167	95	35	75	1
US.12.28	70-B-168	80	40	55	1
US.12.29	70-B-169	55	55	25	1
US.12.30	70-B-170	55	55	60	1
US.12.31	70-B-171	60	45	35	1
US.12.32	70-B-172	25	30	20	1
US.12.33	70-B-173	45	45	40	1
US.12.34	70-B-174	75	40	75	1
US.12.35	70-B-175	15	30	45	1
US.12.36	70-B-176	35	45	55	1
US.12.37	70-B-177	20	30	30	1
US.12.38	70-B-178	20	40	45	1
US.12.39	70-B-179	15	30	30	BLD
US.12.40	70-B-180	50	105	55	1
US.12.41	70-B-181	10	20	15	BLD
US.12.42	70-B-182	10	20	20	BLD
US.12.43	70-B-183	30	35	30	BLD
US.12.44	70-B-184	30	35	30	BLD

METHODS:

Chief Chemist Ray W. Herbert

006

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000077/78. Project No. EL6/68 016007

LAB. SHEET No.: 179/5. Soil Profile DATE: 10th February, 1970

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm
US.12.45	70-B-185	15	30	30	BLD
US.12.46	70-B-186	15	25	25	BLD
US.12.47	70-B-187	40	40	30	1
US.12.48	70-B-188	35	30	25	1
US.12.49	70-B-189	30	20	35	1
US.12.50	70-B-190	25	20	35	BLD
US.12.51	70-B-191	10	20	30	BLD
US.12.52	70-B-192	10	25	15	BLD
US.12.53	70-B-193	20	30	15	BLD
US.12.54	70-B-194	35	30	40	BLD
US.12.55	70-B-195	35	30	25	BLD
US.12.56	70-B-196	10	25	15	BLD
US.12.57	70-B-197	15	30	20	1
US.12.58	70-B-198	10	25	20	1
US.12.59	70-B-199	5	20	15	BLD
US.12.60	70-B-200	5	25	25	BLD
US.12.61	70-B-201	5	30	25	BLD
US.12.62	70-B-202	10	20	20	BLD
US.12.63	70-B-203	15	20	25	BLD
US.12.64	70-B-204	10	20	15	BLD
US.12.65	70-B-205	10	20	10	BLD
US.12.66	70-B-206	15	25	25	BLD
US.12.67	70-B-207	15	25	25	BLD
US.12.68	70-B-208	30	35	45	1
US.12.69	70-B-209	30	35	40	1
US.12.70	70-B-210	25	35	35	1
US.12.71	70-B-211	30	35	35	1
US.12.72	70-B-212	35	45	30	1
US.12.73	70-B-213	60	55	40	1
US.12.74	70-B-214	30	40	35	1
US.12.75	70-B-215	115	65	65	1
US.12.76	70-B-216	85	55	40	1
US.12.77	70-B-217	165	50	40	1
US.12.78	70-B-218	95	40	65	1
US.12.79	70-B-219	80	40	110	1
US.12.80	70-B-220	60	40	35	1
US.12.81	70-B-221	55	40	60	1
US.12.82	70-B-222	65	50	45	2
US.12.83	70-B-223	55	40	35	1
US.12.84	70-B-224	25	30	35	1
US.12.85	70-B-225	35	30	35	BLD
US.12.86	70-B-226	35	25	25	BLD
US.12.87	70-B-227	50	25	25	BLD
US.12.88	70-B-228	50	30	25	1
US.12.89	70-B-229	30	35	30	1
US.12.90	70-B-230	75	40	95	1

METHODS:

Chief Chemist Ray W. Gerhuny

GEOCHEMICAL LABORATORY REPORT

007

FIELD SHEET No.: 000078/79. Project No. EL6/68. 016008

LAB. SHEET No.: 179/6. Soil Profile DATE: 10th February, 1970

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm
US.12.91	70-B-231	50	55	50	1
US.12.92	70-B-232	55	40	45	1
US.12.93	70-B-233	45	40	120	1
US.12.94	70-B-234	95	50	45	2
US.12.95	70-B-235	65	45	50	2
US.12.96	70-B-236	55	45	70	2
US.12.97	70-B-237	60	45	110	1
US.12.98	70-B-238	150	55	60	2
US.12.99	70-B-239	85	45	30	1
US.12.101	70-B-240	65	40	40	1
US.12.102	70-B-241	50	35	25	1
US.12.103	70-B-242	55	35	25	1
US.12.104	70-B-243	50	30	75	BLD
US.12.105	70-B-244	25	25	60	BLD
US.12.106	70-B-245	65	40	25	1
US.12.107	70-B-246	20	30	30	1
US.12.108	70-B-247	10	25	10	BLD
US.12.109	70-B-248	5	15	25	BLD
US.12.110	70-B-249	BLD	15	45	BLD
US.12.111	70-B-250	BLD	25	30	BLD
US.12.112	70-B-251	15	25	10	BLD
US.12.113	70-B-252	10	20	5	BLD
US.12.114	70-B-253	10	55	45	BLD
US.12.115	70-B-254	5	15	20	BLD
US.12.116	70-B-255	20	20	35	BLD
US.12.117	70-B-256	5	20	10	BLD
US.12.118	70-B-257	30	30	35	1
US.12.119	70-B-258	15	25	15	1
US.12.120	70-B-259	10	55	45	1
US.12.121	70-B-260	20	35	45	1
US.12.122	70-B-261	30	35	45	1
US.12.123	70-B-262	15	30	30	BLD
US.12.124	70-B-263	5	20	10	BLD
US.12.125	70-B-264	10	25	15	BLD
US.12.126	70-B-265	5	20	20	BLD
US.12.127	70-B-266	5	35	20	1
US.12.128	70-B-267	5	50	10	BLD
US.12.129	70-B-268	10	20	25	BLD
US.12.130	70-B-269	5	20	20	BLD
US.12.131	70-B-270	20	30	25	1
US.12.132	70-B-271	10	25	10	BLD
US.12.133	70-B-272	10	25	25	BLD
US.12.134	70-B-273	20	25	35	1
US.12.135	70-B-274	10	20	50	BLD
US.12.136	70-B-275	30	40	40	1
US.12.137	70-B-276	10	30	30	1

METHODS:

Chief Chemist Ray W. Gerhardy

003

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 000079. Project No. EL6/68 016009

LAB. SHEET No.: 179/7. Soil Profile DATE: 10th February, 1970

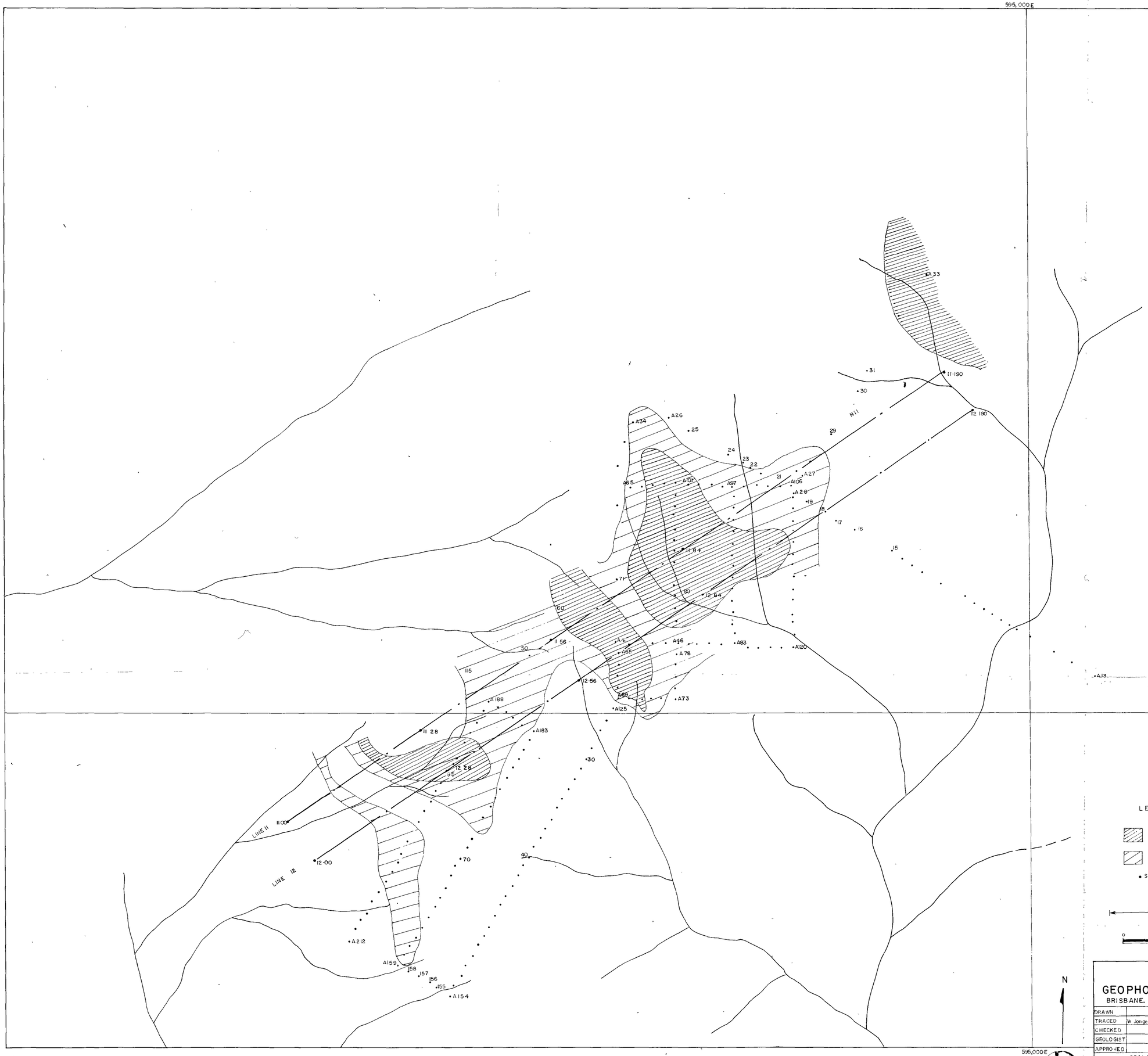
SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
US.12.138	70-B-277	20	30	45	1				
US.12.139	70-B-278	10	30	25	1				
US.12.140	70-B-279	5	20	10	BLD				

METHODS:

Chief Chemist Ray W. Herbert

595,000 E

900,000 yds N



LEGEND

Moderate anomaly (Cu)

Weak anomaly (Cu)

Soil sample point

5 cm

0 400 800 1200 1600 FEET

016010

N

595,000 E

TEXAS INSTRUMENTS INCORPORATED
SCIENCE SERVICES DIVISION
GEOPHOTO RESOURCES CONSULTANTS
BRISBANE. AUSTRALIA.

DRAWN		
TRACED	W Jongejan	5/4/70
CHECKED		
GEOLOGIST		
APPROVED		
SCALE 1" = 400'		
REVISIONS		

TEXINS DEVELOPMENT PTY. LTD.

E.L. 6/68 NORTH EAST TASMANIA

UPPER SCAMANDER AREA GEOCHEMICAL ANOMALIES

PROJECT 6/68 DRAWING NO 1/119

70-624.

003