

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. #1	S. #2	T. #3	H. #4	Vegetation
		N	E										
271	KM271	1585.62	4702.57	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	S	M	W	secondary forest
272	KM272	1585.17	4702.82	Linkabau	---	P ₂ Cr	30	B.	F	S	F	W	secondary forest
273	KM273	1585.85	4703.20	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
274	KM274	1585.45	4703.17	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
275	KM275	1585.60	4703.69	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
276	KM276	1586.03	4703.97	Linkabau	sandstone	P ₂ Cr	25	B.	F	S	M	W	secondary forest
277	KM277	1585.54	4704.15	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
278	KM278	1585.40	4704.50	Linkabau	---	P ₂ Cr	30	B.	R	S	S	W	secondary forest
279	KM279	1585.37	4704.81	Sungai sungai	---	P ₂ Cr	30	B.	R	S	F	W	secondary forest
280	KM280	1585.49	4705.28	Sungai sungai	---	Q ₂	30	B.	R	S	F	W	secondary forest
281	KM281	1585.22	4705.52	Sungai sungai	sandstone	P ₂ Cr	40	B.	R	S	F	W	secondary forest
282	KM282	1584.92	4705.57	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
283	KM283	1585.42	4705.79	Sungai sungai	sandstone	P ₂ Cr	40	D.B.	R	S	F	W	secondary forest
284	KM284	1585.96	4706.02	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
285	KM285	1585.50	4706.15	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
286	KM286	1585.85	4706.43	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	S	M	W	secondary forest
287	KM287	1585.55	4706.77	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	M	W	secondary forest
288	KM288	1585.25	4706.99	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	S	M	W	secondary forest
289	KM289	1585.86	4707.49	Sungai sungai	---	P ₂ Cr	20	D.B.	F	S	F	W	secondary forest
290	KM290	1585.06	4707.45	Sungai sungai	sandstone	P ₂ Cr	30	B.	M	S	S	W	secondary forest
291	KM291	1585.93	4707.92	Sungai sungai	---	P ₂ Cr	30	D.B.	F	C	F	W	secondary forest
292	KM292	1585.54	4708.30	Sungai sungai	---	P ₂ Cr	20	D.B.	F	C	F	W	secondary forest
293	KM293	1585.50	4708.70	Sungai sungai	---	P ₂ Cr	20	D.B.	F	C	F	W	secondary forest
294	KM294	1585.44	4709.20	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
295	KM295	1585.80	4709.22	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
296	KM296	1585.25	4709.80	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
297	KM297	1585.35	4710.17	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
298	KM298	1585.10	4710.09	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
299	KM299	1585.99	4710.50	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
300	KM300	1584.77	4697.57	Linkabau	s.s./shale	P ₂ Cr	30	B.G.	F	C	S	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)

*2Grain size: Sandy (S), Clayey (C)

*3Topography: Steep (S), Moderate (M), Flat (F)

*4Humidity: Dry (D), Wet (W)

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E										
301	KM301	1584.04	4697.65	Linkabau	---	P ₂ Cr	30	R.B.	F	S	M	W	secondary forest
302	KM302	1584.40	4697.80	Linkabau	---	P ₂ Cr	30	R.B.	F	S	M	W	secondary forest
303	KM303	1584.53	4698.08	Linkabau	---	P ₂ Cr	30	B.	F	C	M	W	secondary forest
304	KM304	1584.87	4698.48	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	C	M	W	secondary forest
305	KM305	1584.18	4698.55	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
306	KM306	1584.70	4698.77	Linkabau	---	P ₂ Cr	30	B.G.	F	S	M	W	secondary forest
307	KM307	1584.88	4699.23	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest
308	KM308	1584.35	4699.45	Linkabau	sandstone	P ₂ Cr	30	R.B.	F	C	S	W	secondary forest
309	KM309	1584.80	4699.88	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	C	M	W	secondary forest
310	KM310	1584.49	4699.80	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	M	W	secondary forest
311	KM311	1584.42	4700.36	Linkabau	---	P ₂ Cr	30	L.B.	F	S	M	W	secondary forest
312	KM312	1584.66	4700.80	Linkabau	sandstone	P ₂ Cr	30	R.B.	F	C	M	W	secondary forest
313	KM313	1584.25	4700.75	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	S	S	W	secondary forest
314	KM314	1584.84	4701.22	Linkabau	---	P ₂ Cr	30	R.B.	R	S	M	W	secondary forest
315	KM315	1584.64	4701.55	Linkabau	---	P ₂ Cr	30	L.B.	R	S	F	W	secondary forest
316	KM316	1584.36	4701.50	Linkabau	---	P ₂ Cr	15	L.B.	R	S	M	W	secondary forest
317	KM317	1584.86	4701.72	Linkabau	s.s./shale	P ₂ Cr	30	R.B.	F	S	F	W	secondary forest
318	KM318	1584.34	4701.85	Linkabau	---	P ₂ Cr	20	L.B.	R	S	F	W	secondary forest
319	KM319	1584.87	4702.37	Linkabau	sandstone	P ₂ Cr	30	R.B.	F	S	F	W	secondary forest
320	KM320	1584.57	4702.20	Linkabau	s.s./shale	P ₂ Cr	30	R.B.	F	S	F	W	secondary forest
321	KM321	1584.07	4702.30	Linkabau	---	P ₂ Cr	20	Y.B.	F	S	M	W	secondary forest
322	KM322	1584.95	4702.73	Linkabau	---	P ₂ Cr	30	B.	F	S	F	W	secondary forest
323	KM323	1584.38	4702.73	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	F	W	secondary forest
324	KM324	1584.62	4702.93	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	F	W	secondary forest
325	KM325	1584.23	4703.02	Linkabau	---	P ₂ Cr	20	Y.B.	R	S	M	W	secondary forest
326	KM326	1585.02	4703.29	Linkabau	---	P ₂ Cr	30	D.B.	F	S	F	W	secondary forest
327	KM327	1584.06	4703.24	Linkabau	---	Q ₂	30	D.B.	R	C	F	W	secondary forest
328	KM328	1584.08	4703.62	Linkabau	---	P ₂ Cr	30	D.B.	R	C	F	W	secondary forest
329	KM329	1584.00	4703.95	Linkabau	---	P ₂ Cr	30	D.B.	R	C	F	W	secondary forest
330	KM330	1584.70	4704.90	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	S	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)

*3Topography: Steep (S), Moderate (M), Flat (F)

*2Grain size: Sandy (S), Clayey (C)

*4Humidity: Dry (D), Wet (W)

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E										
331	KM331	1584.60	4704.57	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	M	W	secondary forest
332	KM332	1584.03	4704.91	Sungai sungai	sandstone	P ₂ Cr	30	L.B.	R	C	M	W	secondary forest
333	KM333	1585.02	4705.10	Sungai sungai	---	P ₂ Cr	30	B.	R	S	F	W	secondary forest
334	KM334	1584.27	4705.12	Sungai sungai	---	P ₂ Cr	30	L.B.	R	S	S	W	secondary forest
335	KM335	1584.72	4705.47	Sungai sungai	---	P ₂ Cr	30	G.B.	F	C	F	W	secondary forest
336	KM336	1584.90	4705.94	Sungai sungai	sandstone	P ₂ Cr	40	Y.B.	F	S	F	W	secondary forest
337	KM337	1584.39	4705.75	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	M	W	secondary forest
338	KM338	1584.90	4706.27	Sungai sungai	sandstone	P ₂ Cr	40	Y.B.	F	S	F	W	secondary forest
339	KM339	1584.53	4706.16	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
340	KM340	1584.25	4706.17	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	M	W	secondary forest
341	KM341	1584.67	4706.70	Sungai sungai	sandstone	P ₂ Cr	40	Y.B.	R	S	F	W	secondary forest
342	KM342	1584.38	4706.50	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
343	KM343	1583.99	4706.62	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	C	M	W	secondary forest
344	KM344	1584.69	4707.08	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
345	KM345	1584.40	4707.33	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	C	F	W	secondary forest
346	KM346	1584.89	4707.77	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
347	KM347	1584.30	4707.83	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	M	W	secondary forest
348	KM348	1584.03	4708.00	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	S	S	W	secondary forest
349	KM349	1584.89	4708.27	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
350	KM350	1584.65	4708.48	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
351	KM351	1584.41	4708.67	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
352	KM352	1584.23	4709.09	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	S	W	secondary forest
353	KM353	1584.05	4709.33	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
354	KM354	1584.58	4710.02	Sungai sungai	s.s./shale	P ₂ Cr	30	Y.B.	R	S	S	W	secondary forest
355	KM355	1584.25	4710.12	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
356	KM356	1584.37	4710.47	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
357	KM357	1584.42	4710.88	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
358	KM358	1583.81	4697.50	Sungai sungai	s.s./shale	P ₂ Cr	30	B.G.	F	S	M	W	secondary forest
359	KM359	1583.52	4697.35	Sungai sungai	sandstone	P ₂ Cr	30	B.G.	F	S	M	W	secondary forest
360	KM360	1583.17	4697.50	Sungai sungai	---	Q ₂	30	Y.B.	F	S	F	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R) *2Grain size: Sandy (S), Clayey (C)

*3Topography: Steep (S), Moderate (M), Flat (F)

*4Humidity: Dry (D), Wet (W)

Ser. No.	Sample No.	Coordinates N E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
361	KM361	1583.55	Linkabau	sandstone	P ₂ Cr	30	Y.G.	F	S	F	W	secondary forest
362	KM362	1583.83	Linkabau	—	Q ₂	30	B.G.	F	S	F	W	secondary forest
363	KM363	1583.47	Linkabau	sandstone	P ₂ Cr	30	R.B.	F	S	F	W	secondary forest
364	KM364	1583.48	Linkabau	sandstone	P ₂ Cr	30	R.B.	F	S	F	W	secondary forest
365	KM365	1583.92	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	S	W	secondary forest
366	KM366	1583.33	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
367	KM367	1583.75	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	C	S	W	secondary forest
368	KM368	1583.10	Linkabau	sandstone	P ₂ Cr	30	L.B.	R	C	S	W	secondary forest
369	KM369	1583.83	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	M	W	secondary forest
370	KM370	1583.40	Linkabau	sandstone	P ₂ Cr	30	L.B.	F	C	S	W	secondary forest
371	KM371	1583.54	Linkabau	sandstone	P ₂ Cr	30	L.B.	F	S	M	W	secondary forest
372	KM372	1583.11	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	M	W	secondary forest
373	KM373	1583.83	Linkabau	sandstone	P ₂ Cr	20	Y.B.	F	S	M	W	secondary forest
374	KM374	1583.26	Linkabau	sandstone	P ₂ Cr	30	L.B.	R	C	M	W	secondary forest
375	KM375	1583.79	Linkabau	—	P ₂ Cr	15	Y.B.	R	S	F	W	secondary forest
376	KM376	1583.50	Linkabau	sandstone	P ₂ Cr	20	Y.B.	F	S	M	W	secondary forest
377	KM377	1583.13	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	M	W	secondary forest
378	KM378	1583.62	Linkabau	sandstone	P ₂ Cr	15	Y.B.	R	S	M	W	secondary forest
379	KM379	1583.08	Linkabau	sandstone	P ₂ Cr	15	Y.B.	R	S	M	W	secondary forest
380	KM380	1583.82	Linkabau	—	P ₂ Cr	20	L.B.	R	S	M	W	secondary forest
381	KM381	1583.35	Linkabau	sandstone	P ₂ Cr	15	Y.B.	R	S	M	W	secondary forest
382	KM382	1583.75	Linkabau	—	Q ₂	30	Y.B.	R	S	F	W	secondary forest
383	KM383	1583.49	Linkabau	sandstone	P ₂ Cr	10	Y.B.	R	S	F	W	secondary forest
384	KM384	1583.13	Linkabau	—	P ₂ Cr	15	Y.B.	R	C	S	W	secondary forest
385	KM385	1583.39	Linkabau	sandstone	P ₂ Cr	30	B.	R	C	M	W	secondary forest
386	KM386	1583.70	Linkabau	—	Q ₂	30	D.B.	R	S	F	W	secondary forest
387	KM387	1583.08	Linkabau	sandstone	P ₂ Cr	30	B.	R	C	M	W	secondary forest
388	KM388	1583.52	Linkabau	shale/s.s.	P ₂ Cr	30	B.	R	S	F	W	secondary forest
389	KM389	1583.87	Linkabau	sandstone	P ₂ Cr	30	B.	R	C	F	W	secondary forest
390	KM390	1583.38	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest

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*3Topography: Steep (S), Moderate (M), Flat (F) *4Humidity: Dry (D), Wet (W)

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		N	E										
391	KM391	1583.70	4704.45	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	F	W	secondary forest
392	KM392	1583.02	4704.45	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest
393	KM393	1583.39	4704.69	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	C	F	W	secondary forest
394	KM394	1583.20	4704.90	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	C	F	W	secondary forest
395	KM395	1583.79	4705.21	Sungai sungai	—	P ₂ Cr	30	B.	R	C	F	W	secondary forest
396	KM396	1583.50	4705.34	Sungai sungai	—	P ₂ Cr	30	B.	R	C	F	W	secondary forest
397	KM397	1582.95	4705.49	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	F	W	secondary forest
398	KM398	1583.35	4705.67	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
399	KM399	1583.22	4705.97	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
400	KM400	1583.81	4706.00	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	M	W	secondary forest
401	KM401	1583.18	4706.33	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
402	KM402	1583.72	4706.30	Sungai sungai	s.s./shale	P ₂ Cr	30	L.B.	F	S	F	W	secondary forest
403	KM403	1583.10	4706.55	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
404	KM404	1583.56	4706.74	Sungai sungai	s.s./shale	P ₂ Cr	30	L.B.	F	S	F	W	secondary forest
405	KM405	1583.02	4706.85	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
406	KM406	1583.92	4706.97	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	F	W	secondary forest
407	KM407	1583.37	4707.14	Sungai sungai	s.s./shale	P ₂ Cr	30	Y.B.	F	C	F	W	secondary forest
408	KM408	1582.97	4707.22	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	F	W	secondary forest
409	KM409	1583.74	4707.32	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	S	W	secondary forest
410	KM410	1583.70	4707.67	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	S	W	secondary forest
411	KM411	1583.67	4708.02	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	S	W	secondary forest
412	KM412	1583.10	4708.00	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
413	KM413	1583.83	4708.22	Sungai sungai	sandstone	P ₂ Cr	30	B.	M	S	S	W	secondary forest
414	KM414	1583.35	4708.22	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	M	W	secondary forest
415	KM415	1583.72	4708.48	Sungai sungai	sandstone	P ₂ Cr	30	B.	R	S	M	W	secondary forest
416	KM416	1583.90	4708.89	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
417	KM417	1583.50	4709.50	Sungai sungai	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
418	KM418	1583.19	4709.72	Sungai sungai	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
419	KM419	1583.28	4710.18	Sungai sungai	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
420	KM420	1583.26	4710.55	Sungai sungai	sandstone	P ₂ Cr	30	B.	F	S	F	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)

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		N	E										
421	KM421	1582.82	4697.80	Linkabau	—	Q ₂	30	B.	R	S	F	W	secondary forest
422	KM422	1582.44	4697.83	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
423	KM423	1582.80	4698.23	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
424	KM424	1582.40	4698.33	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
425	KM425	1582.73	4698.65	Linkabau	sandstone	P ₂ Cr	30	Y.G.	F	S	S	W	secondary forest
426	KM426	1582.34	4698.67	Linkabau	sandstone	P ₂ Cr	30	B.G.	F	S	S	W	secondary forest
427	KM427	1582.73	4699.02	Linkabau	sandstone	P ₂ Cr	30	B.	R	S	S	W	secondary forest
428	KM428	1582.47	4699.03	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	S	W	secondary forest
429	KM429	1582.80	4699.55	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	S	W	secondary forest
430	KM430	1582.34	4699.40	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	S	W	secondary forest
431	KM431	1582.74	4699.82	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	S	W	secondary forest
432	KM432	1582.22	4699.81	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	C	M	W	secondary forest
433	KM433	1582.45	4700.28	Linkabau	sandstone	P ₂ Cr	30	B.	R	C	F	W	secondary forest
434	KM434	1582.92	4700.49	Linkabau	sandstone	P ₂ Cr	30	L.B.	R	S	M	W	secondary forest
435	KM435	1582.78	4700.85	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	S	M	W	secondary forest
436	KM436	1582.20	4700.67	Linkabau	sandstone	P ₂ Cr	30	B.	R	S	F	W	secondary forest
437	KM437	1582.39	4701.03	Linkabau	sandstone	P ₂ Cr	30	B.	R	S	F	W	secondary forest
438	KM438	1582.68	4701.23	Linkabau	sandstone	P ₂ Cr	30	B.	F	S	F	W	secondary forest
439	KM439	1582.84	4701.58	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest
440	KM440	1582.60	4701.92	Linkabau	—	P ₂ Cr	20	Y.B.	R	C	F	W	secondary forest
441	KM441	1582.82	4702.30	Linkabau	sandstone	P ₂ Cr	20	Y.B.	R	S	F	W	secondary forest
442	KM442	1582.31	4702.17	Linkabau	—	P ₂ Cr	20	Y.B.	R	S	M	W	secondary forest
443	KM443	1582.55	4702.37	Linkabau	—	P ₂ Cr	15	Y.B.	R	S	F	W	secondary forest
444	KM444	1582.63	4702.78	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	S	M	W	secondary forest
445	KM445	1582.47	4703.07	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
446	KM446	1582.42	4703.37	Linkabau	sandstone	P ₂ Cr	36	Y.B.	R	S	F	W	secondary forest
447	KM447	1582.87	4703.68	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
448	KM448	1582.60	4703.82	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	S	M	W	secondary forest
449	KM449	1582.35	4703.63	Linkabau	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
450	KM450	1582.24	4703.92	Linkabau	sandstone	P ₂ Cr	30	Y.B.	F	S	M	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
 *2Grain size: Sandy (S), Clayey (C)
 *3Topography: Steep (S), Moderate (M), Flat (F)
 *4Humidity: Dry (D), Wet (W)

Area: Lower Stream of S. Sugut (Area M)

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E										
451	KM451	1582.67	4704.55	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest
452	KM452	1582.68	4704.88	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest
453	KM453	1582.92	4705.17	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	C	F	W	secondary forest
454	KM454	1582.61	4705.32	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
455	KM455	1582.40	4705.45	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
456	KM456	1582.82	4705.72	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
457	KM457	1582.29	4705.67	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
458	KM458	1582.55	4706.03	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
459	KM459	1582.28	4706.08	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
460	KM460	1582.55	4706.53	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
461	KM461	1582.34	4707.06	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
462	KM462	1582.83	4707.43	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
463	KM463	1582.52	4707.48	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
464	KM464	1582.83	4707.92	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
465	KM465	1582.47	4707.82	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
466	KM466	1582.45	4708.38	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
467	KM467	1582.95	4708.64	Sungai sungai	sandstone	P ₂ Cr	30	B.G.	F	S	M	W	secondary forest
468	KM468	1582.82	4708.91	Sungai sungai	s.s./shale	P ₂ Cr	30	R.B.	F	C	F	W	secondary forest
469	KM469	1582.13	4709.25	Sungai sungai	s.s./shale	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
470	KM470	1582.67	4709.32	Sungai sungai	s.s./shale	P ₂ Cr	30	Y.B.	F	C	F	W	secondary forest
471	KM471	1582.78	4709.55	Sungai sungai	s.s./shale	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
472	KM472	1582.68	4710.10	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
473	KM473	1582.40	4710.44	Sungai sungai	shale	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest
474	KM474	1582.85	4710.73	Sungai sungai	sandstone	P ₂ Cr	30	B.G.	F	S	F	W	secondary forest
475	KM475	1582.50	4710.72	Sungai sungai	s.s./shale	P ₂ Cr	30	Y.B.	F	S	F	W	secondary forest
476	KM476	1584.17	4709.73	Sungai sungai	sandstone	P ₂ Cr	30	Y.B.	R	S	F	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)

*2Grain size: Sandy (S), Clayey (C)

*3Topography: Steep (S), Moderate (M), Flat (F)

*4Humidity: Dry (D), Wet (W)

Appendix 11

Analytical results of soil geochemical
samples in Area M

List of Geochemical Analysis (1)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mb	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm
1	KM001	4697.820	1590.110	1	5	2	186	5	54	17	37	.93	.31	59	>	.14	19	15	.024	>	29	.31	2.4	>	36
2	KM002	4698.080	1590.080	1	2	1	114	2	40	15	49	.51	.29	74	2	.10	12	14	.009	>	33	.32	2.2	>	29
3	KM003	4698.770	1590.120	2	2	1	100	3	36	11	55	.44	.20	25	1	.08	11	8	.011	.5	26	.31	2.2	>	20
4	KM004	4699.170	1590.250	2	1	1	51	1	21	3	66	.13	.07	12	1	.03	5	5	.009	>	17	.23	1.8	>	10
5	KM005	4699.600	1590.150	2	2	1	52	3	21	4	94	.16	.08	13	1	.03	7	9	.011	>	16	.23	2.0	>	8
6	KM006	4699.870	1590.090	1	1	1	91	1	26	5	34	.28	.13	22	1	.05	7	11	.009	>	22	.28	2.2	>	13
7	KM007	4700.320	1590.290	2	1	1	132	1	43	9	46	.52	.20	50	1	.06	13	12	.014	>	21	.28	2.0	>	19
8	KM008	4700.280	1589.920	1	1	1	156	1	31	14	57	.77	.31	52	1	.11	18	12	.011	>	23	.33	2.4	>	32
9	KM009	4701.320	1590.220	1	1	1	49	2	26	3	36	.15	.08	20	1	.05	11	3	.011	>	12	.27	2.4	>	9
10	KM010	4701.670	1589.970	1	1	1	108	1	31	8	85	.56	.22	31	1	.07	8	8	.014	>	17	.35	2.6	>	15
11	KM011	4702.080	1589.970	2	2	1	138	1	32	3	87	.43	.10	25	1	.09	13	8	.009	>	20	.26	2.4	>	12
12	KM012	4704.150	1590.040	4	4	1	105	3	48	8	42	.36	.22	36	1	.09	20	7	.013	>	23	.24	2.0	>	25
13	KM013	4705.250	1590.170	7	7	1	212	6	84	28	55	1.27	.57	71	1	.23	31	15	.012	>	39	.48	2.8	>	66
14	KM014	4706.620	1590.170	5	5	1	169	8	65	23	47	.81	.37	126	1	.10	33	12	.015	4.9	43	.38	2.4	>	36
15	KM015	4707.200	1590.170	1	1	1	118	1	27	3	68	.35	.10	28	1	.08	10	7	.010	>	18	.25	2.2	>	13
16	KM016	4697.480	1589.700	3	3	1	143	3	37	16	39	.76	.38	32	1	.09	15	13	.007	2.2	34	.32	2.4	>	38
17	KM017	4697.500	1589.280	4	4	1	125	3	68	8	93	.42	.33	29	1	.07	17	13	.013	2.9	36	.32	2.4	>	25
18	KM018	4697.980	1589.260	7	7	1	125	5	47	10	41	.54	.38	41	1	.07	16	16	.010	2.5	32	.33	2.4	>	32
19	KM019	4698.360	1589.750	1	1	1	107	5	33	12	52	.49	.26	75	1	.03	22	9	.010	2.5	24	.23	1.8	>	29
20	KM020	4698.380	1589.250	1	1	1	97	1	37	7	96	.41	.30	35	1	.04	12	10	.015	.8	34	.32	2.6	>	31
21	KM021	4698.870	1589.820	1	1	1	137	2	29	10	45	.53	.18	65	1	.04	10	7	.010	1.9	24	.25	1.8	>	19
22	KM022	4698.850	1589.230	5	5	1	162	4	52	15	48	.93	.48	40	1	.13	18	21	.010	1.9	46	.35	2.2	>	42
23	KM023	4699.080	1589.900	1	1	1	113	3	44	11	61	.41	.24	145	2	.07	14	11	.009	>	25	.31	2.2	>	30
24	KM024	4698.220	1589.310	1	1	1	90	1	37	8	53	.45	.23	25	1	.04	15	11	.011	>	24	.27	1.8	>	20
25	KM025	4696.550	1589.750	1	1	1	101	1	54	8	61	.42	.20	33	1	.09	17	13	.010	>	19	.27	2.0	>	25
26	KM026	4696.820	1589.780	1	1	1	71	1	34	9	35	.25	.12	57	1	.02	13	10	.008	>	17	.19	1.6	>	35
27	KM027	4698.720	1589.900	4	4	1	237	3	32	13	50	.97	.26	59	1	.14	20	13	.008	>	34	.27	2.2	>	62
28	KM028	4700.030	1589.520	1	1	1	239	9	51	26	41	1.32	.46	83	1	.17	24	13	.009	>	31	.39	2.0	>	12
29	KM029	4700.290	1589.130	2	2	1	86	3	63	29	72	.64	.36	107	3	.09	39	8	.009	>	23	.23	1.4	>	29
30	KM030	4700.790	1589.920	1	1	1	129	3	62	14	83	.98	.32	162	1	.22	47	17	.022	3.6	43	.33	2.0	>	31
31	KM031	4700.680	1589.670	2	2	1	249	6	62	14	83	.83	.32	42	1	.09	21	10	.013	1.5	27	.39	2.0	>	21
32	KM032	4700.560	1589.470	1	1	1	168	4	44	14	68	.69	.24	34	1	.06	58	10	.012	1.5	30	.30	2.2	>	31
33	KM033	4700.950	1589.040	6	6	1	145	4	66	17	37	.69	.24	34	1	.09	32	12	.015	>	29	.31	2.0	>	23
34	KM034	4701.100	1589.440	9	9	1	122	2	57	16	32	.49	.26	55	2	.05	32	12	.015	>	21	.29	2.0	>	29
35	KM035	4701.520	1589.770	1	1	1	117	2	53	11	57	.47	.23	36	1	.07	25	4	.011	3	21	.29	2.0	>	29
36	KM036	4701.450	1589.420	8	8	1	106	1	88	14	59	.42	.17	19	1	.05	34	9	.011	2	23	.28	2.4	>	19
37	KM037	4701.450	1589.040	7	7	1	168	2	90	18	74	.83	.33	37	2	.13	25	16	.010	>	27	.37	2.4	>	36
38	KM038	4701.770	1589.870	1	1	1	147	3	350	8	86	.53	.25	50	1	.10	104	16	.014	1.4	22	.32	2.0	>	27
39	KM039	4701.860	1589.540	7	7	1	78	1	20	8	40	.26	.13	20	1	.03	7	5	.008	>	18	.26	1.8	>	15
40	KM040	4702.270	1589.700	4	4	1	178	2	27	10	29	.70	.25	40	1	.09	10	17	.008	>	32	.29	2.0	>	25
41	KM041	4702.100	1588.990	1	1	1	233	9	37	16	79	.92	.36	40	1	.21	16	14	.009	>	39	.33	2.0	>	42
42	KM042	4702.370	1589.450	1	1	1	127	2	25	10	41	.55	.18	44	1	.09	13	14	.009	>	16	.31	1.8	>	25
43	KM043	4702.500	1589.900	1	1	1	362	2	28	11	42	1.38	.32	60	1	.41	10	7	.008	1.3	52	.33	2.2	>	29
44	KM044	4702.840	1589.440	1	1	1	89	1	21	4	42	.28	.11	20	1	.06	6	5	.007	>	15	.27	2.0	>	13
45	KM045	4703.220	1589.650	9	9	1	102	1	31	14	55	.33	.19	20	1	.10	8	11	.010	>	28	.32	2.0	>	18
46	KM046	4703.300	1589.920	12	12	1	158	2	32	14	62	.59	.28	64	1	.10	11	11	.011	1.0	31	.31	2.4	>	33
47	KM047	4703.500	1589.300	9	9	1	91	1	35	9	46	.34	.22	21	1	.11	7	9	.010	>	28	.35	2.2	>	18
48	KM048	4703.600	1589.800	1	1	1	93	3	43	6	36	.30	.19	34	1	.11	10	8	.015	>	19	.28	2.0	>	18
49	KM049	4703.850	1589.930	4	4	1	85	3	43	5	62	.20	.14	21	1	.06	8	11	.007	>	20	.25	2.0	>	22
50	KM050	4703.890	1589.350	7	7	1	92	2	48	11	45	.32	.17	35	1	.07	13	9	.009	>	19	.28	2.0	>	22

List of Geochemical Analysis (2)

Ser. Sample No.	Location (km)	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
No.	X-coord Y-coord	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
51	KM051	4704.170 1589.650	1	105	1	45	9	59	.36	.17	33	1	.07	9	9	.010	22	.29	2.0	2	17	
52	KM052	4704.180 1589.120	1	95	1	45	9	42	.30	.11	19	1	.04	8	10	.016	6	26	.29	2.2	2	18
53	KM053	4704.380 1589.820	1	79	1	32	7	54	.24	.11	27	1	.08	6	7	.011	2	16	.23	1.8	2	11
54	KM054	4704.380 1589.010	1	88	1	44	10	35	.36	.19	19	1	.05	8	3	.007	2	22	.23	2.0	2	16
55	KM055	4704.760 1589.990	2	76	1	35	5	81	.24	.14	29	1	.05	5	8	.012	2	18	.27	2.0	2	12
56	KM056	4704.650 1589.560	5	80	1	39	7	52	.30	.16	23	1	.05	7	4	.008	5	18	.25	1.6	2	14
57	KM057	4704.800 1589.170	3	162	3	35	9	46	.59	.23	81	1	.05	9	6	.012	2	28	.22	2.0	2	25
58	KM058	4704.870 1589.420	1	87	1	38	8	36	.29	.14	41	1	.05	4	4	.009	2	20	.25	2.0	2	14
60	KM060	4705.610 1589.940	1	82	1	35	15	72	.83	.39	100	1	.04	25	7	.017	2	34	.32	2.4	2	34
61	KM061	4705.850 1589.400	1	83	1	38	7	49	.28	.14	27	1	.05	7	9	.012	1	18	.27	2.0	2	12
62	KM062	4705.960 1589.180	1	200	1	26	2	123	.54	.08	29	1	.05	6	3	.009	1	18	.25	1.8	2	14
63	KM063	4704.080 1584.630	18	159	12	88	31	115	.56	.50	315	1	.24	73	14	.016	2	24	.23	2.0	2	33
64	KM064	4706.300 1589.520	3	159	5	59	16	78	.70	.29	55	1	.10	18	9	.017	1	34	.26	2.4	2	35
65	KM065	4706.600 1589.860	1	98	3	45	9	38	.36	.18	54	1	.06	11	10	.009	2	25	.27	2.2	2	20
66	KM066	4706.800 1589.500	2	80	3	40	7	38	.24	.12	33	1	.05	9	9	.010	2	18	.24	2.0	2	16
67	KM067	4706.920 1589.900	8	127	5	37	10	53	.48	.18	97	1	.07	10	13	.013	2	21	.27	2.2	2	21
68	KM068	4707.150 1589.450	5	108	3	43	12	23	.36	.17	42	1	.06	10	17	.009	2	25	.30	2.2	2	22
69	KM069	4707.470 1589.900	3	92	1	25	6	84	.19	.09	54	1	.03	7	10	.014	1	19	.20	2.0	2	15
70	KM070	4707.520 1589.400	1	87	2	30	10	74	.33	.16	61	1	.03	7	8	.011	2	19	.22	2.0	2	17
71	KM071	4707.390 1589.160	1	141	1	28	3	61	.46	.11	24	1	.08	6	8	.012	2	20	.23	2.0	2	13
72	KM072	4707.800 1589.580	1	130	1	33	6	72	.45	.13	32	1	.08	7	6	.015	2	19	.26	2.2	2	14
73	KM073	4707.700 1589.020	14	140	10	145	115	193	.62	.84	267	3	.20	91	19	.011	4	29	.19	1.6	2	41
74	KM074	4708.120 1589.930	8	91	3	43	9	60	.38	.24	32	1	.06	10	12	.008	1	23	.26	2.0	2	29
75	KM075	4708.090 1589.450	8	126	6	63	20	47	.44	.32	141	2	.15	41	12	.008	2	26	.21	2.0	2	23
76	KM076	4708.150 1589.130	1	184	8	77	64	88	.90	.69	311	2	.21	60	17	.015	1	35	.26	1.8	2	46
77	KM077	4708.420 1589.250	8	107	2	51	10	61	.45	.22	32	1	.11	19	7	.009	2	24	.29	2.4	2	20
78	KM078	4708.490 1589.600	5	71	1	34	6	78	.20	.09	29	1	.03	8	6	.013	2	17	.22	2.0	2	11
79	KM079	4708.820 1589.920	1	84	2	32	4	49	.30	.12	22	1	.08	6	13	.007	2	14	.27	2.2	2	16
80	KM080	4708.900 1589.290	1	119	2	39	4	97	.45	.14	26	1	.11	9	4	.011	2	17	.29	1.8	2	17
81	KM081	4709.320 1589.430	1	85	3	31	7	60	.25	.11	31	1	.05	9	4	.016	2	17	.21	2.2	2	11
82	KM082	4709.170 1589.020	8	182	13	164	191	197	.86	1.13	371	3	.23	117	24	.016	6	34	.24	1.8	2	57
83	KM083	4709.750 1589.530	3	101	3	50	8	58	.33	.21	31	1	.05	11	14	.010	2	25	.27	2.2	2	26
84	KM084	4709.800 1589.150	8	96	2	52	8	62	.38	.23	26	1	.05	12	8	.010	2	25	.29	2.2	2	23
85	KM085	4697.420 1588.770	1	135	1	43	8	56	.69	.25	20	1	.11	11	5	.009	2	28	.30	2.4	2	24
86	KM086	4697.330 1588.120	7	198	1	55	7	54	.73	.27	31	1	.10	11	10	.013	2	23	.35	2.2	2	23
87	KM087	4697.720 1588.180	1	92	1	39	9	32	.45	.23	23	1	.06	8	8	.008	1	22	.27	2.2	2	22
88	KM088	4698.050 1588.590	4	199	2	72	8	87	.81	.28	67	1	.11	18	8	.014	2	23	.32	2.2	2	23
89	KM089	4698.300 1588.780	1	76	1	52	8	81	.31	.27	28	1	.07	14	8	.010	1	28	.28	2.0	2	31
90	KM090	4698.200 1588.160	2	321	5	133	10	90	1.30	.39	129	1	.19	34	14	.015	2	44	.31	2.2	2	48
91	KM091	4698.750 1588.800	4	157	6	62	15	59	.78	.36	68	1	.08	22	9	.010	2	31	.27	2.2	2	38
92	KM092	4698.690 1588.310	1	283	6	53	15	65	1.37	.38	60	1	.85	21	6	.009	2	73	.31	2.0	2	53
93	KM093	4699.150 1588.810	3	181	8	55	12	61	.85	.41	133	1	.15	22	8	.009	2	34	.28	1.8	2	44
94	KM094	4699.950 1588.490	2	194	6	45	14	24	.90	.39	51	1	.11	23	9	.010	2	29	.30	2.2	2	40
95	KM095	4699.720 1588.140	2	358	10	53	14	47	1.62	.47	68	1	.22	16	13	.008	2	41	.34	2.0	2	44
96	KM096	4700.620 1588.750	10	163	2	56	24	59	.78	.40	117	2	.10	29	14	.009	2	7	.34	2.2	2	51
97	KM097	4700.550 1588.390	3	63	3	54	6	37	.23	.14	23	1	.03	24	6	.008	2	15	.23	2.2	2	38
98	KM098	4701.070 1588.300	6	110	2	45	16	38	.64	.36	34	1	.07	14	6	.008	2	27	.29	2.2	2	40
99	KM099	4701.390 1588.800	1	109	1	46	4	68	.42	.16	25	1	.07	9	2	.008	2	17	.29	2.0	2	16
100	KM100	4701.800 1588.800	1	184	4	28	8	56	.57	.15	190	1	.13	12	11	.009	9	29	.17	1.8	2	23

List of Geochemical Analysis (3)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
101	KMI01	4701.750	1588.510	1	>	161	5	61	13	20	42	.84	.44	38	2	.10	14	19	.010	5.3	35	.34	2.2	2	41
102	KMI02	4701.590	1588.220	1	>	134	5	50	13	13	44	.67	.41	67	1	.10	21	15	.011	2.9	29	.30	2.0	2	44
103	KMI03	4702.120	1588.560	1	>	242	7	31	12	12	52	.83	.25	396	1	.23	12	10	.012	>	40	.27	1.8	2	32
104	KMI04	4702.060	1588.250	1	>	115	2	43	12	13	61	.51	.28	35	1	.06	11	8	.012	>	30	.28	1.8	2	24
105	KMI05	4702.230	1588.060	2	>	126	3	37	9	9	47	.54	.25	46	1	.09	10	8	.010	3.0	24	.28	2.6	2	22
106	KMI06	4702.520	1588.920	8	>	239	6	65	25	25	40	1.44	.54	62	3	.17	20	12	.010	8.0	46	.46	2.6	2	48
107	KMI07	4702.450	1588.370	4	>	169	3	62	8	8	62	.67	.28	31	1	.08	15	14	.011	2.4	25	.33	2.0	2	18
108	KMI08	4702.800	1588.990	4	>	104	2	49	10	10	15	.49	.20	71	2	.05	22	7	.014	2.4	17	.25	1.6	2	20
109	KMI09	4702.700	1588.160	3	>	108	5	35	11	11	55	.37	.23	64	2	.05	11	11	.016	2.2	22	.24	1.8	2	24
110	KMI10	4702.940	1588.580	5	>	130	4	37	11	11	35	.42	.23	32	1	.08	9	12	.009	2.2	31	.32	1.8	2	25
111	KMI11	4703.200	1588.210	13	>	167	5	39	5	5	35	.54	.19	40	1	.10	14	15	.009	2.2	21	.33	1.8	2	26
112	KMI12	4703.370	1588.790	1	>	95	1	32	13	13	59	.33	.21	45	1	.05	9	14	.012	1.6	27	.32	1.8	2	20
113	KMI13	4703.490	1588.450	1	>	139	5	47	16	16	91	.48	.31	96	2	.09	16	6	.012	1.6	29	.33	2.2	2	28
114	KMI14	4703.580	1588.120	10	>	206	12	72	34	34	60	.82	.54	592	3	.16	58	20	.011	1.5	44	.43	1.8	2	57
115	KMI15	4703.990	1588.320	10	>	112	3	44	13	13	50	.41	.23	24	2	.07	11	10	.010	1.1	30	.31	1.4	2	17
116	KMI16	4703.860	1588.670	10	>	165	4	61	15	15	67	.69	.37	40	1	.10	14	13	.012	3	43	.46	2.4	2	36
117	KMI17	4704.030	1588.100	1	>	314	11	91	69	69	73	1.87	.90	242	2	.25	39	37	.010	2.6	95	.52	2.8	2	83
118	KMI18	4704.300	1588.340	2	>	71	1	41	7	7	68	.17	.17	23	2	.05	8	6	.012	1.2	24	.29	1.8	2	14
119	KMI19	4704.510	1588.630	1	>	141	1	62	14	14	68	.53	.32	43	1	.11	11	13	.013	2.2	39	.46	2.4	2	32
120	KMI20	4704.550	1588.120	1	>	143	5	60	16	16	91	.48	.34	103	3	.12	33	14	.017	1.7	30	.32	2.0	2	25
121	KMI21	4704.630	1588.520	1	>	123	2	46	18	18	84	.47	.29	69	2	.07	12	9	.014	1.7	30	.32	2.0	2	39
122	KMI22	4704.870	1588.170	2	>	183	6	62	14	14	98	.59	.40	416	1	.15	34	11	.017	2.7	31	.32	2.0	2	50
123	KMI23	4705.270	1588.640	11	>	257	10	67	24	24	87	1.01	.54	422	1	.27	42	16	.019	1.7	47	.35	2.2	2	30
124	KMI24	4705.150	1587.960	4	>	153	5	96	14	14	80	.54	.31	106	1	.11	38	15	.019	1.7	27	.27	1.8	2	30
125	KMI25	4705.700	1588.950	7	>	179	1	30	2	2	82	.45	.08	33	1	.07	9	7	.016	2.2	23	.24	2.0	2	11
126	KMI26	4705.620	1588.670	1	>	202	10	69	19	19	106	.75	.45	287	1	.20	33	17	.019	3.2	39	.34	2.2	2	41
127	KMI27	4705.640	1588.320	5	>	296	19	105	21	21	96	1.16	.78	637	2	.39	76	14	.014	3.2	43	.39	2.4	2	64
128	KMI28	4705.420	1588.100	5	>	299	12	62	20	20	86	1.06	.54	551	1	.31	50	10	.017	1.1	53	.32	2.2	2	53
129	KMI29	4705.870	1588.400	5	>	393	8	74	16	16	81	.77	.48	106	2	.21	35	8	.017	4.0	36	.35	2.2	2	39
130	KMI30	4706.150	1588.700	6	>	211	7	36	5	5	32	1.38	.21	50	1	.17	15	23	.008	2.2	44	.36	2.4	2	31
131	KMI31	4706.480	1588.020	9	>	206	13	182	233	233	400	.87	1.27	405	4	.27	134	27	.020	5.2	42	.27	2.2	2	63
132	KMI32	4706.950	1588.370	16	>	250	16	212	222	222	272	1.18	1.58	556	3	.38	159	41	.020	8.1	49	.32	2.4	2	81
133	KMI33	4707.090	1588.770	8	>	208	19	203	252	252	326	.94	1.51	606	5	.25	189	35	.018	8.2	40	.29	2.0	2	75
134	KMI34	4707.420	1588.650	6	>	203	12	125	118	118	163	.97	1.02	400	1	.22	89	24	.035	3.0	39	.30	2.0	2	59
135	KMI35	4707.570	1587.980	2	>	108	2	52	11	11	64	.36	.21	26	2	.07	10	9	.013	2.2	28	.34	2.0	2	18
136	KMI36	4708.110	1588.730	5	>	223	15	151	156	156	220	1.14	1.28	602	3	.25	115	28	.038	4.9	43	.34	2.2	2	72
137	KMI37	4708.810	1588.850	8	>	245	13	117	110	110	166	1.03	.99	530	2	.26	84	20	.047	5.2	48	.34	2.4	3	65
138	KMI38	4709.070	1588.220	12	>	190	16	171	192	192	226	.83	1.52	454	3	.23	160	24	.021	9.0	37	.28	2.0	2	65
139	KMI39	4709.730	1588.320	15	>	172	17	302	196	196	233	.72	1.58	459	5	.20	193	21	.027	7.7	35	.26	1.6	2	62
140	KMI40	4710.180	1588.800	9	>	181	11	125	38	38	66	.57	.41	166	1	.20	112	8	.020	4.2	32	.28	2.0	2	41
141	KMI41	4710.650	1588.830	2	>	146	6	61	18	18	75	.53	.43	114	2	.13	41	11	.009	2.2	29	.32	2.4	2	25
142	KMI42	4710.550	1588.100	4	>	166	11	136	76	76	84	.58	.86	272	1	.29	96	14	.010	2.7	38	.22	1.6	2	40
143	KMI43	4697.310	1587.730	1	>	282	3	36	15	15	48	1.02	.24	47	1	.12	12	15	.015	1.3	35	.30	2.0	2	29
144	KMI44	4697.450	1587.350	11	>	259	3	34	5	5	72	.77	.27	110	1	.24	14	13	.020	2.7	49	.25	2.0	2	28
145	KMI45	4697.320	1587.180	1	>	302	5	66	9	9	65	.90	.30	70	1	.21	13	7	.013	2.2	29	.37	2.0	2	23
146	KMI46	4697.760	1587.720	1	>	224	3	40	8	8	80	.83	.30	55	1	.19	20	11	.016	3.1	56	.29	2.2	2	30
147	KMI47	4697.800	1587.180	1	>	466	3	54	7	7	80	1.42	.23	55	1	.05	30	11	.016	3.1	24	.32	1.8	2	29
148	KMI48	4698.220	1587.820	1	>	136	4	77	12	12	93	.55	.31	44	2	.06	19	9	.017	3.5	28	.28	1.8	2	24
149	KMI49	4698.220	1587.200	6	>	135	2	62	8	8	81	.45	.21	127	1	.05	19	9	.017	2.2	28	.28	1.8	2	24
150	KMI50	4698.640	1587.240	2	>	205	7	70	20	20	39	.94	.42	65	1	.28	38	21	.030	2.2	48	.29	1.8	2	47

List of Geochemical Analysis(4)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
151	KM151	4698.870	1587.900	3	>	357	8	59	59	9	23	1.31	.35	113	>	1.27	27	10	.010	.9	114	.29	1.6	>	32
152	KM152	4698.190	1587.280	5	>	255	5	61	61	12	70	.92	.34	64	2	.16	14	6	.013	.7	29	.38	2.0	>	29
153	KM153	4699.530	1587.620	6	>	281	6	54	54	13	76	.77	.41	136	>	.21	27	6	.017	1.7	34	.34	1.6	>	40
154	KM154	4699.640	1587.250	1	>	279	2	56	56	9	86	1.00	.32	45	1	.14	14	13	.017	.5	39	.36	2.4	>	29
155	KM155	4699.920	1587.420	1	>	55	2	29	29	3	100	.16	.09	53	2	.04	8	7	.018	.6	9	.28	1.6	>	15
156	KM156	4700.290	1587.150	4	>	60	1	30	30	4	87	.15	.29	54	1	.17	29	10	.020	3.4	15	.23	1.4	>	11
157	KM157	4700.320	1587.730	1	>	286	9	73	73	10	86	.91	.22	55	2	.05	6	2	.012	.2	31	.33	2.4	>	39
158	KM158	4700.800	1587.950	6	>	111	5	37	37	8	99	.33	.22	155	1	.17	29	10	.012	.2	22	.25	1.8	>	28
159	KM159	4700.810	1587.460	7	>	281	2	44	44	8	81	.80	.24	33	1	.16	18	9	.011	.2	32	.30	1.8	>	26
160	KM160	4701.410	1587.550	1	>	270	2	49	49	15	241	1.00	.37	58	1	.16	18	13	.010	.2	34	.36	2.0	>	49
161	KM161	4701.550	1587.320	1	>	306	3	36	36	8	59	1.39	.26	34	2	.17	12	12	.012	.2	36	.33	2.2	>	31
162	KM162	4701.800	1587.950	5	>	215	2	43	43	7	46	1.02	.30	29	1	.15	12	11	.009	1.4	35	.32	2.4	>	38
163	KM163	4701.880	1587.200	3	>	160	3	51	51	18	60	.79	.42	29	1	.12	12	18	.011	2.8	46	.39	2.2	>	38
164	KM164	4702.120	1587.730	3	>	146	2	31	31	13	21	.80	.32	59	1	.07	9	13	.007	.2	29	.29	2.0	>	23
165	KM165	4702.570	1587.670	4	>	120	4	43	43	10	51	.58	.29	26	1	.08	10	11	.011	2.4	42	.37	2.0	>	44
166	KM166	4702.720	1587.300	5	>	301	4	48	48	20	41	.93	.37	110	1	.12	17	7	.010	2.5	45	.33	2.6	>	37
167	KM167	4703.100	1587.750	1	>	152	2	51	51	16	35	.82	.42	38	1	.12	11	14	.008	.2	21	.33	2.0	>	21
168	KM168	4703.150	1587.300	13	>	154	7	45	45	8	64	.57	.24	47	1	.12	16	14	.016	.2	19	.36	2.2	>	37
169	KM169	4703.450	1587.710	8	>	132	1	33	33	5	50	.48	.18	43	2	.10	7	9	.010	.2	21	.33	2.0	>	21
170	KM170	4703.760	1587.620	4	>	104	2	37	37	10	56	.39	.28	24	1	.06	8	7	.009	4.6	35	.34	2.2	>	22
171	KM171	4703.930	1587.220	1	>	155	2	31	31	4	130	.55	.16	20	1	.08	8	7	.010	.2	24	.25	1.8	>	18
172	KM172	4704.410	1587.500	8	>	98	2	35	35	9	49	.37	.23	41	1	.05	10	11	.009	2.6	23	.29	2.2	>	35
173	KM173	4704.600	1587.020	1	>	320	4	46	46	12	65	1.54	.39	51	2	.23	13	13	.011	.2	36	.38	2.8	>	35
174	KM174	4704.840	1587.250	4	>	99	1	35	35	8	49	.98	.22	27	1	.05	8	9	.011	.2	27	.30	1.6	>	20
175	KM175	4705.120	1587.580	7	>	102	1	52	52	11	56	.39	.23	29	1	.09	11	5	.011	.4	25	.29	1.8	>	21
176	KM176	4705.410	1587.500	2	>	136	2	46	46	7	110	.56	.22	22	2	.08	9	14	.010	1.5	26	.29	2.0	>	17
177	KM177	4705.740	1587.700	1	>	91	2	44	44	8	50	.30	.17	21	1	.07	9	2	.009	.2	25	.30	1.8	>	19
178	KM178	4705.880	1587.980	6	>	312	21	144	144	24	85	1.21	.91	1251	1	.49	121	12	.021	4.0	50	.40	2.2	>	59
179	KM179	4705.750	1587.050	9	>	217	27	353	353	498	391	1.11	3.01	768	6	.28	269	29	.081	14.3	38	.30	2.0	5	114
180	KM180	4706.180	1587.700	18	>	245	23	228	228	301	305	1.25	1.73	755	4	.33	196	34	.026	6.1	45	.32	2.0	>	79
181	KM181	4706.330	1587.400	6	>	193	16	163	163	198	171	.96	1.39	315	3	.23	136	16	.084	5.9	36	.29	1.8	>	67
182	KM182	4706.730	1587.770	13	>	126	4	56	56	14	61	.61	.31	29	2	.12	17	12	.012	1.3	27	.35	2.0	>	25
183	KM183	4707.080	1587.580	8	>	128	1	50	50	10	70	.44	.23	42	1	.07	10	9	.013	2.1	26	.28	1.6	>	20
184	KM184	4707.430	1587.070	14	>	259	19	110	110	56	48	1.59	.70	1272	2	.22	39	22	.011	1.9	70	.50	2.4	>	68
185	KM185	4707.720	1587.550	1	>	89	3	38	38	8	35	.24	.13	42	1	.04	8	7	.014	.4	27	.25	1.4	>	14
186	KM186	4708.100	1587.430	1	>	181	18	60	60	22	91	.68	.36	1651	2	.13	19	16	.024	1.8	40	.39	2.0	>	38
187	KM187	4708.570	1587.380	15	>	93	1	55	55	11	55	.35	.19	29	1	.06	9	12	.013	3.3	25	.41	2.2	>	18
188	KM188	4708.840	1587.080	15	>	151	6	62	62	35	61	.69	.38	74	3	.12	15	12	.011	1.7	46	.41	2.2	>	44
189	KM189	4708.400	1587.330	1	>	130	4	54	54	27	52	.70	.34	72	2	.10	15	8	.010	2.8	34	.34	2.0	>	38
190	KM190	4709.640	1587.590	8	>	129	2	50	50	17	48	.48	.26	28	1	.09	10	12	.013	3.8	30	.35	2.6	>	31
191	KM191	4709.820	1587.800	13	>	243	7	32	32	4	43	.12	.07	15	1	.05	6	2	.013	.2	21	.26	1.8	>	11
192	KM192	4710.100	1587.950	7	>	377	4	85	85	79	80	.84	.71	293	2	.21	57	9	.024	5.6	41	.26	1.6	>	44
193	KM193	4710.220	1587.500	14	>	464	1	48	48	20	38	.54	.28	73	3	.09	10	6	.010	2.0	36	.33	2.0	>	23
194	KM194	4710.320	1587.150	5	>	410	1	37	37	9	65	.30	.15	20	1	.03	5	2	.012	2.4	31	.29	1.8	>	10
195	KM195	4697.350	1586.800	2	>	402	2	39	39	6	84	.44	.24	25	1	.07	9	7	.015	3.0	32	.27	2.0	>	19
196	KM196	4697.390	1586.240	7	>	554	1	30	30	4	94	.43	.20	18	1	.11	6	4	.010	4.6	28	.26	2.0	>	19
197	KM197	4697.750	1586.700	10	>	439	2	44	44	9	86	.46	.30	31	1	.08	8	3	.019	4.6	38	.31	1.8	>	21
198	KM198	4697.850	1586.400	4	>	422	1	29	29	3	77	.34	.18	22	1	.08	5	6	.016	1.9	25	.27	2.0	>	12
199	KM199	4698.270	1586.620	19	>	556	1	48	48	8	78	.43	.28	26	1	.11	9	2	.013	1.1	41	.35	2.2	>	19
200	KM200	4698.270	1586.260	16	>	777	1	41	41	5	49	.55	.22	21	1	.16	7	3	.010	5.3	32	.31	2.4	>	17

List of Geochemical Analysis(5)

Ser. No.	Sample No.	Location (km)	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mb	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn	
		X-coord Y-coord	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
201	K201	4898, 890	18	>	1489	11	109	50	72	2.13	.79	207	5	.40	31	28	.013	12.3	54	.48	2.8	>	93	
202	K202	4898, 720	14	>	460	2	48	6	54	.22	.16	24	>	.09	8	7	.012	2.8	27	.27	2.0	>	18	
203	K203	4898, 750	12	>	456	1	30	6	65	.34	.19	29	>	.09	7	13	.012	2.8	26	.25	2.2	>	19	
204	K204	4898, 200	7	>	444	1	33	6	82	.33	.18	24	>	.09	6	4	.011	1.7	28	.25	2.0	>	13	
205	K205	4898, 940	8	>	823	4	38	7	82	1.25	.19	73	>	.38	12	4	.020	2.6	56	.28	1.6	>	23	
206	K206	4899, 770	4	>	1200	7	44	9	64	1.93	.43	100	>	.52	20	20	.009	2.4	69	.32	2.4	>	37	
207	K207	4899, 580	14	>	603	1	39	9	55	.42	.25	23	>	.13	8	9	.009	2.4	36	.29	2.2	>	22	
208	K208	4700, 520	5	>	760	1	44	11	56	.58	.23	43	>	.17	9	10	.013	2.4	35	.31	2.0	>	29	
209	K209	4700, 780	11	>	499	3	28	5	105	.29	.09	32	>	.10	6	8	.013	2.2	20	.25	2.2	>	15	
210	K210	4700, 680	21	>	914	4	43	9	40	.85	.30	25	>	.21	4	4	.008	2.8	32	.34	2.6	>	25	
211	K211	4701, 380	1	14	217	5	41	6	45	.85	.23	62	>	.21	14	9	.012	2.2	29	.28	1.8	>	27	
212	K212	4701, 620	1	>	95	2	39	4	79	.30	.09	29	>	.10	8	2	.012	2.2	13	.28	2.2	>	11	
213	K213	4701, 620	1	>	171	2	39	4	68	.53	.13	47	>	.10	6	6	.014	7	20	.28	2.0	>	23	
214	K214	4701, 530	6	>	235	6	58	21	41	1.50	.60	109	>	.31	27	16	.014	3.6	37	.39	2.2	>	69	
215	K215	4702, 350	1	>	174	1	40	4	52	.63	.17	32	>	.12	10	4	.018	1.9	22	.27	2.2	>	22	
216	K216	4702, 240	10	>	152	5	34	7	64	.56	.20	137	>	.08	5	5	.014	2.8	22	.27	2.2	>	23	
217	K217	4702, 070	1	>	236	10	68	19	60	1.45	.64	115	>	.06	9	5	.009	3	21	.27	2.2	>	18	
218	K218	4702, 540	1	>	184	4	35	8	73	.69	.24	74	>	.32	29	6	.011	1.6	35	.44	2.4	>	67	
219	K219	4702, 620	1	>	237	5	56	22	33	1.34	.49	99	>	.21	20	3	.007	2.0	28	.40	2.6	>	49	
220	K220	4702, 950	5	>	127	2	37	8	40	.51	.21	42	>	.09	11	7	.012	2.2	23	.27	2.0	>	25	
221	K221	4703, 420	8	>	104	1	40	5	71	.44	.23	44	>	.12	15	6	.012	2.2	15	.29	2.8	>	18	
222	K222	4703, 650	11	>	96	1	26	6	64	.33	.16	29	>	.06	8	4	.010	2.2	17	.23	1.8	>	22	
223	K223	4703, 890	1	>	97	2	37	6	51	.39	.22	37	>	.11	20	8	.012	2.2	14	.30	2.6	>	17	
224	K224	4704, 150	7	>	278	2	46	11	49	1.22	.42	51	>	.19	13	16	.010	1.7	36	.30	2.6	>	34	
225	K225	4704, 420	5	>	218	5	71	7	105	.68	.23	102	>	.14	25	2	.021	2.2	30	.25	2.2	>	25	
226	K226	4704, 260	5	>	224	7	41	31	31	1.56	.62	83	>	.32	25	4	.010	2.2	32	.42	2.4	>	78	
227	K227	4701, 100	1	>	115	2	42	7	51	.61	.27	29	>	.09	10	6	.012	2	20	.28	2.2	>	28	
228	K228	4705, 270	3	>	166	14	134	86	100	.75	.91	351	>	.35	114	14	.012	5.2	35	.22	2.0	>	42	
229	K229	4705, 170	10	>	192	6	53	40	93	.87	.50	259	>	.23	35	10	.041	2.9	37	.26	2.0	>	39	
230	K230	4705, 080	7	>	320	17	140	39	132	1.51	1.08	818	>	.52	110	11	.022	2.6	50	.38	2.6	3	72	
231	K231	4705, 420	1	3	85	8	90	89	106	.91	.80	302	2	.23	63	8	.024	4.0	36	.26	2.2	>	51	
232	K232	4705, 650	3	7	194	2	59	10	57	.29	.20	31	1	.09	18	6	.010	1.6	22	.28	2.0	>	22	
233	K233	4705, 700	2	>	267	17	75	16	118	1.17	.53	1013	1	.34	42	13	.026	2.2	39	.38	2.6	>	52	
234	K234	4706, 130	4	>	104	2	59	11	72	.42	.20	46	>	.08	18	4	.016	1.0	20	.26	2.0	>	20	
235	K235	4706, 550	3	>	92	2	190	10	68	.27	.15	38	2	.06	27	8	.018	2.6	20	.23	2.0	>	16	
236	K236	4706, 820	3	>	359	1	39	9	78	.30	.14	50	>	.08	12	9	.024	1.8	22	.21	1.6	>	15	
237	K237	4707, 350	5	>	134	2	53	23	47	.60	.31	60	2	.08	15	4	.010	4.0	33	.34	2.0	>	28	
238	K238	4707, 720	10	>	115	1	53	13	47	.49	.29	34	1	.09	8	8	.011	2.1	34	.33	2.4	>	23	
239	K239	4707, 890	8	>	516	3	53	14	59	.51	.27	27	1	.11	15	14	.011	2.8	31	.34	2.4	>	23	
240	K240	4707, 700	1	>	1038	2	42	10	42	.75	.27	26	>	.24	15	11	.011	3.2	32	.29	2.4	>	23	
241	K241	4709, 420	9	>	584	2	61	10	65	.29	.21	36	1	.05	19	3	.015	2.8	30	.28	2.0	>	22	
242	K242	4709, 360	22	>	88	2	42	6	55	.29	.15	29	1	.09	11	6	.013	2.8	21	.25	2.0	>	13	
243	K243	4709, 570	1	>	451	1	42	7	73	.23	.15	17	>	.09	11	6	.015	2.3	25	.28	2.2	>	30	
244	K244	4709, 850	6	>	513	1	33	6	45	.25	.15	22	>	.10	9	6	.013	3.0	25	.28	2.0	>	25	
245	K245	4710, 270	13	>	501	1	41	8	52	.61	.28	29	>	.10	7	6	.013	3.0	25	.28	2.0	>	25	
246	K246	4897, 430	12	>	466	4	35	9	61	.73	.29	72	>	.10	13	3	.015	5.0	32	.25	2.2	>	33	
247	K247	4897, 270	5	>	518	8	36	9	65	.71	.32	246	>	.11	13	12	.014	3.8	32	.25	2.2	>	33	
248	K248	4897, 750	11	>	653	1	34	6	49	.69	.23	26	>	.15	9	9	.013	4.4	31	.29	2.4	>	32	
249	K249	4897, 550	10	>																				
250	K250	4897, 550	10	>																				

List of Geochemical Analysis (6)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
251	KM251	4697.910	1585.430	4	7	130	2	33	41	9	84	.53	.27	56	1	.09	12	13	.011	7	26	.23	2.2	2	31
252	KM252	4697.830	1585.090	1	1	237	2	41	7	7	46	.92	.23	39	1	.14	11	21	.013	2.2	26	.32	2.6	2	32
253	KM253	4698.320	1585.870	14	1	164	9	34	34	12	41	.70	.25	298	1	.09	14	17	.010	1.5	27	.26	2.6	2	33
254	KM254	4698.750	1585.700	17	57	132	3	46	3	15	44	.81	.35	140	1	.09	15	18	.010	3.3	32	.29	2.4	2	35
255	KM255	4698.870	1585.200	1	1	95	3	49	8	8	89	.47	.24	25	1	.17	10	19	.012	2.8	19	.34	2.2	2	22
256	KM256	4699.190	1585.550	11	3	201	5	46	11	11	92	.95	.31	127	1	.22	15	15	.016	3.1	33	.28	2.2	2	36
257	KM257	4699.530	1585.720	16	1	150	2	52	15	15	54	.97	.46	188	1	.13	16	22	.015	1.4	32	.35	3.0	2	42
258	KM258	4699.770	1585.230	12	1	153	2	73	37	8	75	.34	.17	22	1	.04	9	14	.012	1.4	24	.21	2.2	2	40
259	KM259	4699.880	1585.970	1	1	87	2	37	8	8	75	.34	.17	22	1	.04	9	14	.012	1.4	24	.21	2.2	2	16
260	KM260	4700.170	1585.750	6	1	230	2	42	12	12	51	.90	.25	105	1	.22	13	23	.010	1.4	44	.26	2.2	2	28
261	KM261	4700.090	1585.380	1	1	138	5	54	6	6	67	.52	.22	52	2	.14	16	25	.020	2.7	19	.33	2.4	2	34
262	KM262	4700.200	1585.020	10	1	159	2	48	7	7	66	.81	.23	21	1	.13	12	21	.011	2.1	28	.28	2.6	2	25
263	KM263	4700.580	1585.340	7	1	310	3	46	9	4	32	1.19	.22	42	2	.13	13	23	.011	4.0	44	.24	2.2	2	34
264	KM264	4700.900	1585.540	1	1	91	2	62	12	12	42	.38	.25	20	1	.08	16	26	.010	1.0	36	.31	2.4	2	26
265	KM265	4701.200	1585.950	4	5	194	2	76	31	31	68	1.47	.55	115	1	.17	22	20	.013	5.9	32	.37	2.6	2	50
266	KM266	4701.170	1585.180	8	1	124	2	72	15	15	75	.61	.26	51	1	.13	22	25	.014	6	20	.32	2.6	2	28
267	KM267	4701.550	1585.560	10	1	70	2	43	60	5	66	.22	.11	16	1	.05	9	13	.010	2	23	.25	2.2	2	12
268	KM268	4701.700	1585.300	8	1	82	2	60	13	13	42	.31	.16	20	1	.10	12	18	.031	3.3	26	.29	2.0	2	20
269	KM269	4701.940	1585.180	8	1	145	3	69	18	17	72	.78	.37	42	1	.15	17	173	.021	5	20	.38	2.6	2	40
270	KM270	4702.050	1585.430	1	1	93	2	59	5	5	72	.31	.13	32	1	.07	15	16	.011	3.5	13	.31	2.0	2	20
271	KM271	4702.570	1585.620	9	1	116	1	74	13	13	61	.37	.11	33	1	.06	22	13	.015	1.2	16	.29	2.0	2	20
272	KM272	4702.820	1585.170	3	1	96	2	57	2	2	59	.33	.17	31	1	.06	15	19	.013	7	24	.25	2.4	2	23
273	KM273	4703.200	1585.850	9	1	35	1	72	4	4	84	.10	.06	32	1	.07	18	13	.014	3.2	9	.30	2.2	2	13
274	KM274	4703.170	1585.450	20	1	193	3	101	8	8	85	.69	.23	55	1	.12	36	17	.019	2.9	21	.31	2.4	2	29
275	KM275	4703.690	1585.600	9	1	126	5	84	7	7	83	.52	.19	49	1	.11	24	24	.015	2.6	14	.34	2.6	2	26
276	KM276	4703.970	1586.030	9	1	110	2	47	9	9	69	.36	.16	42	1	.07	12	21	.015	3.0	22	.23	2.0	2	19
277	KM277	4704.150	1585.540	15	1	93	4	99	4	4	59	.36	.16	48	1	.09	22	22	.014	2.4	11	.30	2.2	2	23
278	KM278	4704.500	1585.400	10	1	68	1	70	5	5	101	.21	.13	29	1	.06	16	12	.019	2	17	.23	1.6	2	14
279	KM279	4704.810	1585.370	5	1	71	1	97	5	5	119	.22	.12	22	1	.06	23	14	.020	7	18	.21	1.6	2	13
280	KM280	4705.280	1585.490	10	1	173	12	186	164	8	215	.87	1.34	306	3	.23	134	24	.105	8.9	35	.25	1.8	2	64
281	KM281	4705.520	1585.220	22	1	513	2	149	8	8	74	.40	.25	51	1	.14	36	20	.014	5.2	27	.26	1.8	2	34
282	KM282	4705.570	1584.920	22	1	883	3	132	15	15	82	.71	.41	52	1	.18	60	32	.014	5.2	33	.27	2.4	2	61
283	KM283	4705.790	1585.420	19	3	883	8	100	15	15	95	.88	.48	310	1	.30	43	27	.020	1.7	43	.31	2.2	2	51
284	KM284	4706.020	1585.960	23	1	747	1	110	11	11	59	.32	.17	24	1	.19	33	23	.016	3.6	32	.27	2.0	2	36
285	KM285	4706.150	1585.500	26	1	800	2	118	11	11	58	.39	.21	30	2	.20	23	22	.012	3	38	.30	2.2	2	37
286	KM286	4706.430	1585.850	18	1	1028	2	198	16	16	66	.86	.40	39	2	.29	29	29	.013	2.0	29	.27	2.2	2	36
287	KM287	4706.770	1585.550	26	1	1028	2	198	16	16	66	.86	.40	39	2	.29	29	29	.013	2.0	29	.27	2.2	2	36
288	KM288	4706.990	1585.250	31	1	1060	1	194	7	7	57	.22	.48	1192	1	.39	98	33	.034	7.7	58	.35	2.6	2	53
289	KM289	4707.490	1585.860	23	1	1018	17	358	15	15	119	1.22	.48	1192	1	.27	69	42	.015	5.7	49	.34	3.0	2	79
290	KM290	4707.450	1585.060	43	1	1011	5	285	23	23	83	1.09	.55	50	1	.27	69	42	.015	5.7	49	.34	3.0	2	79
291	KM291	4707.920	1585.930	5	1	67	2	119	10	10	74	.20	.11	28	1	.04	28	14	.024	3.1	15	.18	1.8	2	16
292	KM292	4708.300	1585.540	8	1	236	6	89	12	12	90	.82	.27	344	1	.21	31	15	.025	2.6	40	.27	2.0	2	38
293	KM293	4708.700	1585.500	13	1	280	9	141	10	10	61	.84	.24	328	1	.20	41	21	.019	3.6	42	.27	2.2	2	35
294	KM294	4709.200	1585.440	7	1	317	2	241	13	13	29	.59	.25	37	1	.08	70	101	.019	1.4	29	.26	2.0	2	34
295	KM295	4709.220	1585.800	14	1	96	2	218	13	13	44	.33	.21	37	1	.06	47	22	.013	1.4	23	.30	2.4	2	27
296	KM296	4709.800	1585.250	9	33	145	4	176	16	16	57	.80	.45	57	1	.12	41	25	.017	6.5	33	.31	2.8	2	49
297	KM297	4710.170	1585.350	9	2	166	4	187	16	16	40	.70	.34	81	1	.10	65	20	.038	5.0	34	.26	2.2	2	44
298	KM298	4710.090	1585.100	10	2	163	3	281	5	5	37	.52	.13	42	1	.13	100	20	.017	2.8	23	.32	2.6	2	31
299	KM299	4710.500	1585.950	10	1	96	1	54	11	11	42	.39	.22	26	1	.11	13	21	.015	4.6	26	.34	2.2	2	20
300	KM300	4697.570	1584.770	1	1	388	5	44	6	6	38	1.49	.20	37	1	.16	18	26	.010	2	44	.27	2.4	2	27

List of Geochemical Analysis (7)

Ser. No.	Sample No.	Location (km)	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sr	Ti	U	W	Zn
		X-coord Y-coord	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm
301	KM301	4697.550 1584.040	8	1	108	4	98	15	54	.55	.32	35	1	.07	35	19	.015	30	.28	2.0	2	35
302	KM302	4697.800 1584.400	11	1	103	3	121	11	41	.49	.29	30	1	.06	43	21	.010	29	.28	2.0	2	27
303	KM303	4698.080 1584.530	10	1	142	1	136	17	110	.56	.24	35	1	.11	22	23	.022	21	.28	2.0	2	24
304	KM304	4698.480 1584.870	1	1	139	2	69	9	66	.48	.20	35	2	.12	22	18	.027	20	.29	2.2	2	30
305	KM305	4698.550 1584.180	3	1	216	1	97	9	43	.99	.30	35	1	.10	28	42	.010	28	.24	2.2	2	39
306	KM306	4698.770 1584.700	11	1	143	2	78	6	93	.50	.24	34	1	.17	22	18	.016	20	.30	2.4	2	32
307	KM307	4699.230 1584.880	17	1	111	3	72	6	176	.53	.27	29	1	.17	20	28	.017	16	.34	2.6	2	39
308	KM308	4699.450 1584.350	4	1	150	1	69	13	106	.74	.31	36	2	.09	21	23	.013	21	.34	2.4	2	24
309	KM309	4699.880 1584.800	2	1	114	1	61	13	38	.58	.16	58	1	.07	24	17	.012	25	.25	2.0	2	36
310	KM310	4699.800 1584.490	5	1	89	2	109	9	47	.29	.16	25	1	.06	24	18	.011	22	.26	2.0	2	27
311	KM311	4700.360 1584.420	22	5	1039	2	66	16	63	.86	.24	34	1	.26	28	14	.014	41	.31	2.8	2	38
312	KM312	4700.800 1584.660	14	2	691	1	53	15	38	.49	.12	26	1	.13	39	13	.016	42	.29	2.4	2	66
313	KM313	4700.750 1584.250	18	3	946	5	91	8	76	.99	.12	33	1	.23	17	19	.012	42	.23	2.4	2	66
314	KM314	4701.220 1584.840	16	1	656	1	62	8	44	.50	.13	24	1	.16	14	10	.012	32	.31	2.2	2	26
315	KM315	4701.550 1584.640	7	2	443	1	45	6	55	.42	.11	29	1	.09	17	8	.014	29	.23	2.4	2	17
316	KM316	4701.500 1584.360	3	1	647	1	46	10	64	.69	.20	71	1	.17	21	16	.016	40	.24	2.0	2	29
317	KM317	4701.720 1584.860	15	3	926	3	127	14	33	.83	.27	49	1	.25	28	15	.012	30	.35	2.6	2	42
318	KM318	4701.850 1584.340	4	1	492	3	51	9	67	.29	.18	40	1	.10	20	16	.018	31	.23	2.2	2	24
319	KM319	4702.370 1584.870	13	1	649	3	122	14	34	.38	.15	31	1	.15	45	16	.017	31	.23	2.2	2	33
320	KM320	4702.200 1584.570	24	1	1165	2	145	15	34	.81	.21	45	1	.29	51	25	.013	37	.33	2.4	2	42
321	KM321	4702.300 1584.070	1	1	75	2	72	10	65	.29	.16	38	1	.07	25	12	.019	21	.23	2.0	2	18
322	KM322	4702.730 1584.950	8	1	124	5	80	14	88	.46	.28	112	1	.13	33	6	.019	21	.23	2.0	2	31
323	KM323	4702.730 1584.380	8	1	121	2	57	13	28	.54	.24	47	1	.09	18	23	.013	27	.34	2.8	2	32
324	KM324	4702.930 1584.620	8	1	86	1	53	7	63	.27	.13	31	1	.06	14	9	.012	19	.27	2.0	2	18
325	KM325	4703.020 1584.230	2	1	99	1	69	7	110	.40	.18	36	1	.07	17	12	.015	15	.26	2.0	2	14
326	KM326	4703.290 1585.020	2	1	74	1	79	7	73	.40	.18	36	1	.07	23	10	.018	15	.26	2.0	2	14
327	KM327	4703.240 1584.060	2	1	342	19	243	30	78	1.32	.92	670	1	.50	130	25	.025	58	.37	2.6	2	71
328	KM328	4703.620 1584.080	4	1	278	6	139	24	57	1.01	.42	246	1	.31	87	13	.021	44	.27	2.2	2	49
329	KM329	4703.950 1584.000	11	1	267	14	127	25	88	1.11	.76	445	1	.34	93	13	.020	37	.36	2.4	2	59
330	KM330	4704.900 1584.700	1	1	77	5	76	9	43	.29	.18	35	1	.11	22	10	.013	17	.33	2.4	2	31
331	KM331	4704.570 1584.600	1	1	236	4	51	9	46	.90	.24	56	1	.13	21	16	.013	26	.28	2.4	2	29
332	KM332	4704.910 1584.030	2	1	78	2	74	6	75	.27	.17	32	1	.11	24	14	.014	14	.19	2.0	2	13
333	KM333	4705.100 1585.020	1	1	59	1	214	11	60	.14	.09	37	1	.03	57	14	.020	14	.19	2.0	2	27
334	KM334	4705.120 1584.270	1	1	81	1	80	5	74	.25	.09	26	1	.06	25	7	.015	15	.23	1.8	2	11
335	KM335	4705.470 1584.900	9	2	164	2	147	26	39	.96	.35	29	1	.17	47	15	.013	30	.35	2.8	2	35
336	KM336	4705.940 1584.900	4	1	175	4	90	19	24	.85	.37	53	1	.13	40	18	.011	20	.29	2.2	2	44
337	KM337	4705.770 1584.390	1	1	159	2	56	4	55	.46	.11	66	1	.07	20	11	.019	19	.24	1.8	2	16
338	KM338	4706.160 1584.530	4	1	340	3	51	11	46	1.36	.32	97	1	.50	28	21	.015	62	.25	2.2	2	39
339	KM339	4706.170 1584.250	7	1	118	2	60	9	17	.50	.17	36	1	.10	27	20	.014	20	.31	2.4	2	30
340	KM340	4706.700 1584.670	1	1	119	4	76	13	33	.53	.22	67	1	.09	29	13	.013	18	.25	2.4	2	30
341	KM341	4706.700 1584.670	1	1	100	1	61	17	38	.65	.35	36	1	.10	27	20	.014	31	.29	2.4	2	37
342	KM342	4706.500 1584.380	1	1	100	1	61	17	42	.37	.19	57	1	.07	41	18	.013	22	.27	1.8	2	26
343	KM343	4706.520 1583.990	1	1	125	3	92	23	29	.56	.33	88	2	.10	32	18	.015	29	.33	2.2	2	30
344	KM344	4707.080 1584.690	3	1	287	4	52	32	19	1.19	.31	68	1	.14	32	18	.013	33	.35	2.4	2	33
345	KM345	4707.330 1584.400	3	1	129	1	74	15	31	.60	.35	28	1	.10	18	9	.019	30	.32	2.6	2	24
346	KM346	4707.770 1584.890	4	1	396	1	76	9	42	.24	.15	25	1	.04	24	11	.014	23	.26	2.2	2	14
347	KM347	4707.830 1584.300	1	1	196	9	64	9	64	1.19	.38	162	1	.22	34	13	.014	30	.30	2.2	2	38
348	KM348	4708.000 1584.030	7	1	196	3	60	16	32	.82	.32	121	1	.10	20	10	.013	26	.31	1.8	2	31
349	KM349	4708.270 1584.890	7	1	228	4	47	14	20	.89	.30	73	1	.22	24	9	.012	37	.27	2.2	2	41
350	KM350	4708.480 1584.650	1	1	142	6	72	22	27	.93	.54	72	1	.11	31	18	.013	33	.33	2.4	2	62

List of Geochemical Analysis (8)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mb	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm
351	K6351	4708.670	1584.410	3	1	205	3	48	48	7	55	.92	.38	15	2	.18	12	11	.015	.3	24	.32	2.8	2	32
352	K6352	4709.090	1584.230	6	1	253	8	63	153	15	50	1.15	.56	3	1	.21	23	12	.014	5.4	37	.39	2.4	2	57
353	K6353	4709.330	1584.050	1	1	110	3	41	59	3	44	.28	.12	1	1	.06	11	6	.014	6.4	13	.29	2.0	2	17
354	K6354	4710.020	1584.580	4	1	162	3	38	43	7	20	.69	.32	1	1	.10	10	12	.010	3.2	24	.33	2.2	2	29
355	K6355	4710.120	1584.250	1	2	114	3	39	68	4	57	.28	.12	1	1	.06	12	9	.017	2.2	13	.33	2.0	2	20
356	K6356	4710.470	1584.370	4	1	201	5	47	73	3	59	.49	.12	1	1	.07	13	7	.017	.2	22	.25	2.0	2	22
357	K6357	4710.880	1584.420	10	1	151	3	55	66	3	82	.35	.12	1	1	.07	15	7	.016	3.3	16	.31	2.0	2	22
358	K6358	4697.500	1583.810	2	1	127	3	48	83	14	33	.67	.39	1	1	.07	13	11	.011	2.0	33	.30	2.8	2	36
359	K6359	4697.350	1583.520	3	1	195	4	49	38	13	88	.99	.44	1	1	.10	14	12	.013	5.6	36	.36	2.6	2	55
360	K6360	4697.500	1583.170	1	1	158	4	29	157	8	99	.51	.21	1	1	.16	15	13	.010	1.9	31	.19	1.6	2	23
361	K6361	4697.750	1583.550	2	1	56	2	26	18	6	43	.15	.14	1	1	.03	7	7	.011	1.7	22	.25	2.4	2	13
362	K6362	4698.170	1583.830	1	1	201	4	36	114	13	43	.80	.41	1	1	.14	19	13	.013	3.5	37	.34	2.6	2	43
363	K6363	4698.130	1583.470	4	1	84	2	33	22	9	29	.32	.26	1	1	.04	9	17	.010	1.2	32	.30	2.4	2	24
364	K6364	4698.470	1583.480	1	1	115	1	41	21	8	52	.62	.32	1	1	.08	13	9	.013	.2	28	.34	2.5	2	29
365	K6365	4698.790	1583.920	3	1	260	6	26	87	12	29	1.03	.32	1	1	.23	15	13	.015	1.9	42	.27	2.0	2	42
366	K6366	4698.900	1583.330	4	1	121	2	34	65	14	27	.99	.32	1	1	.06	13	16	.011	.2	26	.26	2.2	2	28
367	K6367	4699.350	1583.750	1	1	194	6	52	113	22	54	.91	.46	1	1	.11	21	15	.015	3.0	43	.35	3.0	2	52
368	K6368	4699.170	1583.100	4	1	108	3	33	30	4	87	.39	.23	1	1	.05	9	8	.017	.2	23	.25	2.4	2	20
369	K6369	4699.820	1583.830	1	1	231	3	24	284	6	42	.68	.20	1	1	.10	11	11	.014	.5	34	.18	2.2	2	26
370	K6370	4699.680	1583.400	1	1	140	6	40	74	14	87	.72	.43	1	1	.08	16	14	.014	.2	31	.31	2.6	2	45
371	K6371	4700.280	1583.540	7	1	249	2	31	50	15	29	1.10	.36	1	1	.21	16	14	.011	3.4	43	.35	2.5	2	47
372	K6372	4700.150	1583.110	1	1	124	3	64	38	17	45	.64	.40	1	1	.07	18	16	.011	2.0	31	.31	2.6	2	44
373	K6373	4700.670	1583.830	1	1	76	1	8	31	8	61	.25	.15	1	1	.03	7	11	.015	2.3	15	.22	1.8	2	14
374	K6374	4700.720	1583.260	1	1	92	2	33	19	9	64	.39	.22	1	1	.04	9	15	.009	.2	23	.25	2.2	2	22
375	K6375	4701.430	1583.790	1	1	134	2	44	54	8	69	.39	.21	1	1	.07	10	14	.025	.2	23	.25	2.2	2	23
376	K6376	4701.200	1583.500	2	1	290	3	43	25	20	21	1.10	.24	1	1	.09	7	15	.009	3.3	33	.28	2.8	2	20
377	K6377	4701.300	1583.130	5	1	128	3	44	37	11	52	.56	.39	1	1	.06	21	12	.013	.2	36	.35	2.6	2	30
378	K6378	4701.820	1583.620	5	1	85	2	35	32	5	55	.23	.15	1	1	.03	10	8	.016	.6	16	.25	1.8	2	19
379	K6379	4701.890	1583.080	9	1	76	2	28	14	5	47	.23	.14	1	1	.03	8	8	.014	.8	14	.28	2.0	2	12
380	K6380	4702.180	1583.820	1	1	139	2	31	17	8	74	.45	.17	1	1	.06	9	7	.019	.8	25	.25	2.2	2	18
381	K6381	4702.020	1583.350	5	1	81	2	37	29	6	43	.28	.18	1	1	.05	9	11	.013	1.7	15	.27	2.0	2	20
382	K6382	4702.780	1583.750	3	1	108	1	40	74	13	73	.42	.25	1	1	.06	12	10	.020	3.1	32	.28	2.0	2	26
383	K6383	4702.620	1583.490	1	1	53	1	29	36	2	73	.15	.07	1	1	.04	8	6	.017	.2	15	.25	2.4	2	11
384	K6384	4702.470	1583.130	1	1	77	2	35	31	4	76	.20	.13	1	1	.04	9	6	.019	.2	15	.25	2.4	2	19
385	K6385	4703.290	1583.390	1	1	117	2	36	28	14	29	.46	.30	1	1	.05	10	20	.009	1.4	29	.33	2.4	2	26
386	K6386	4703.370	1583.700	8	1	295	15	122	648	57	113	1.10	1.04	1	1	.35	108	22	.021	3.5	48	.37	2.4	2	62
387	K6387	4703.500	1583.080	10	1	171	6	54	60	13	76	.62	.42	1	1	.13	28	14	.015	3.0	34	.36	2.8	2	41
388	K6388	4703.770	1583.520	4	1	256	8	35	258	9	45	.71	.29	1	1	.18	41	12	.011	2.0	39	.21	2.0	2	27
389	K6389	4704.170	1583.870	2	1	88	3	36	119	5	53	.31	.19	1	1	.05	12	8	.012	.5	16	.24	2.2	2	21
390	K6390	4704.180	1583.380	3	1	60	1	35	19	5	50	.16	.12	1	1	.03	11	7	.012	1.4	19	.23	1.8	2	17
391	K6391	4704.450	1583.700	5	1	158	4	48	60	11	35	.58	.24	1	1	.08	16	17	.014	1.7	25	.28	2.4	2	24
392	K6392	4704.450	1583.020	6	1	116	4	37	39	15	37	.49	.31	1	1	.07	10	12	.015	.6	30	.31	2.4	2	27
393	K6393	4704.690	1583.390	7	1	57	4	29	37	6	32	.16	.13	1	1	.03	14	10	.012	.2	18	.30	2.2	2	17
394	K6394	4704.900	1583.200	1	1	84	1	37	34	8	45	.29	.19	1	1	.05	11	12	.012	.8	16	.32	2.4	2	24
395	K6395	4705.210	1583.790	1	1	154	2	33	39	6	32	.16	.13	1	1	.03	10	10	.012	.1	22	.33	2.0	2	22
396	K6396	4705.340	1583.500	1	1	150	1	32	47	6	62	.50	.26	1	1	.05	15	4	.017	1.3	27	.30	2.0	2	23
397	K6397	4705.490	1582.950	1	1	158	3	32	32	5	44	.49	.19	1	1	.06	12	11	.012	1.1	22	.33	2.0	2	26
398	K6398	4705.670	1583.350	1	1	84	1	29	33	6	33	.26	.19	1	1	.06	13	18	.013	3.4	24	.27	2.2	2	25
399	K6399	4705.970	1583.220	1	1	116	2	35	18	4	54	.35	.18	1	1	.07	9	11	.013	.2	24	.30	2.4	2	24
400	K6400	4706.000	1583.610	1	2	92	1	52	26	8	49	.40	.22	1	1	.06	13	11	.014	.2	15	.31	2.6	2	22

List of Geochemical Analysis(9)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mb	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm
401	KM401		4706.330	1583.180	1	1	197	2	56	6	37	.89	.23	28	2	.18	14	12	.011	.4	27	.28	2.6	2	28
402	KM402		4706.300	1583.720	1	1	110	1	45	6	28	.42	.19	26	2	.11	10	14	.012	2.4	19	.34	2.4	2	21
403	KM403		4706.550	1583.100	1	1	104	2	44	7	33	.43	.22	32	1	.12	11	12	.012	.3	20	.28	2.2	2	28
404	KM404		4706.740	1583.560	10	1	77	1	43	6	58	.36	.22	34	1	.12	11	8	.012	3.5	14	.32	2.2	2	22
405	KM405		4706.850	1583.020	7	1	151	4	46	11	25	.65	.25	44	2	.13	14	24	.012	1.4	23	.29	2.4	2	41
406	KM406		4706.970	1583.920	7	1	69	6	50	6	25	.23	.14	72	1	.14	13	11	.023	1.4	8	.34	2.6	2	26
407	KM407		4707.140	1583.370	5	1	106	1	51	8	62	.46	.23	34	1	.14	25	7	.013	3.2	17	.32	2.4	2	20
408	KM408		4707.220	1582.970	2	1	107	2	47	6	53	.44	.25	34	1	.14	13	10	.013	.2	16	.33	2.2	2	22
409	KM409		4707.320	1583.740	1	1	75	4	41	4	72	.23	.09	48	1	.09	11	9	.017	4.4	10	.30	2.0	2	22
410	KM410		4707.670	1583.700	3	1	113	4	29	4	64	.31	.09	49	1	.08	9	2	.013	1.5	15	.23	2.0	2	18
411	KM411		4708.020	1583.670	3	1	71	2	34	2	57	.21	.10	52	1	.08	8	5	.013	1.9	9	.27	2.0	2	16
412	KM412		4708.000	1583.100	1	1	145	3	39	6	70	.47	.20	29	1	.13	12	11	.013	.2	25	.30	2.2	2	25
413	KM413		4708.220	1583.830	1	1	192	3	26	3	67	.47	.08	239	1	.12	6	10	.015	2.2	25	.25	2.0	2	13
414	KM414		4708.220	1583.350	1	1	99	3	37	3	69	.32	.18	37	2	.08	7	15	.014	.2	19	.26	1.6	2	15
415	KM415		4708.480	1583.720	1	1	97	3	48	4	35	.35	.19	64	1	.15	15	21	.020	.2	9	.34	2.6	2	25
416	KM416		4708.890	1583.900	1	1	70	2	40	5	65	.25	.16	91	2	.08	7	9	.014	1.0	12	.31	2.0	3	15
417	KM417		4709.500	1583.600	3	1	152	3	38	11	42	.68	.27	147	1	.10	11	9	.013	3.6	28	.28	1.8	2	29
418	KM418		4709.720	1583.190	5	1	249	3	37	5	54	.80	.23	55	2	.14	13	19	.014	2.0	33	.30	2.4	2	31
419	KM419		4710.180	1583.280	1	1	127	5	33	5	45	.41	.09	39	1	.10	9	16	.013	2.2	23	.30	2.2	2	25
420	KM420		4710.550	1583.260	2	1	121	4	22	4	45	.34	.09	37	1	.08	6	13	.016	.6	20	.25	2.0	2	12
421	KM421		4697.800	1582.820	8	1	185	4	23	9	24	.61	.23	177	1	.21	12	10	.011	2.0	35	.19	2.2	2	28
422	KM422		4697.830	1582.440	1	1	192	2	35	9	45	.98	.30	45	1	.15	11	15	.018	2.9	32	.26	2.0	2	34
423	KM423		4698.230	1582.800	6	1	76	2	32	7	37	.32	.22	18	1	.05	8	12	.009	1.7	24	.26	2.0	2	19
424	KM424		4698.330	1582.400	7	1	111	3	41	8	77	.51	.30	23	1	.07	8	9	.013	1.1	33	.32	2.2	2	23
425	KM425		4698.650	1582.730	12	1	115	4	39	11	42	.62	.33	49	1	.08	12	13	.013	2.1	26	.27	2.0	2	32
426	KM426		4698.670	1582.340	2	1	110	4	44	10	51	.65	.41	65	1	.11	15	15	.014	5.9	27	.28	2.0	2	27
427	KM427		4699.020	1582.730	4	1	102	4	64	8	81	.41	.26	30	1	.06	9	11	.017	3.0	24	.24	2.0	2	32
428	KM428		4699.030	1582.470	5	1	88	3	41	8	72	.43	.28	44	2	.07	20	19	.014	1.7	30	.27	2.0	2	26
429	KM429		4699.550	1582.800	2	1	102	1	40	7	65	.27	.16	44	1	.05	10	11	.017	3.5	17	.20	2.0	2	22
430	KM430		4699.400	1582.340	5	1	143	3	33	11	45	.58	.32	130	1	.07	15	18	.014	3.3	27	.27	2.0	2	33
431	KM431		4699.820	1582.740	6	1	60	1	27	6	72	.21	.14	21	1	.03	5	11	.014	.8	20	.23	2.2	2	15
432	KM432		4699.810	1582.220	3	1	132	1	50	17	33	.88	.44	53	1	.12	14	18	.012	2.0	34	.29	2.4	2	47
433	KM433		4700.280	1582.450	6	1	118	1	47	14	33	.64	.36	22	1	.08	11	20	.011	2.6	35	.32	2.6	3	44
434	KM434		4700.490	1582.920	6	1	75	1	36	7	50	.32	.20	21	1	.04	8	12	.012	.2	22	.22	2.2	2	18
435	KM435		4700.850	1582.780	3	1	56	1	27	6	62	.18	.12	13	1	.03	5	5	.011	1.3	17	.19	2.0	2	13
436	KM436		4700.670	1582.200	8	1	85	1	41	10	46	.34	.25	52	1	.06	12	13	.012	1.8	28	.26	2.0	2	24
437	KM437		4701.030	1582.390	9	2	251	13	92	35	97	1.11	.75	599	2	.29	86	19	.022	9.2	49	.37	2.8	2	60
438	KM438		4701.230	1582.680	6	1	143	4	66	15	87	.56	.45	90	2	.13	30	13	.018	5.1	30	.31	2.4	2	37
439	KM439		4701.580	1582.840	6	1	89	2	41	8	76	.31	.23	36	2	.06	12	16	.018	3.8	22	.26	2.0	2	25
440	KM440		4701.920	1582.600	3	1	106	1	48	10	52	.45	.29	28	1	.08	11	17	.015	2.4	34	.31	2.2	2	25
441	KM441		4702.300	1582.820	1	1	77	3	34	3	55	.26	.15	38	1	.05	12	11	.014	.2	12	.24	1.8	2	21
442	KM442		4702.170	1582.310	1	1	141	3	54	17	59	.73	.43	53	1	.12	22	16	.016	2.0	31	.28	2.0	2	33
443	KM443		4702.370	1582.550	1	1	80	1	34	6	61	.24	.11	39	1	.04	10	11	.015	1.9	16	.20	1.8	2	15
444	KM444		4702.780	1582.630	2	1	152	4	35	6	72	.54	.22	30	1	.06	10	15	.008	1.8	26	.27	2.2	2	22
445	KM445		4703.070	1582.470	3	1	118	3	48	24	40	.39	.15	28	1	.06	44	15	.020	.2	18	.22	2.2	2	32
446	KM446		4703.370	1582.420	6	1	130	3	52	13	46	.48	.27	39	1	.08	12	15	.011	4.4	30	.31	2.2	2	31
447	KM447		4703.680	1582.870	5	1	97	1	48	15	39	.40	.25	22	1	.09	11	15	.010	2.4	24	.28	2.2	2	27
448	KM448		4703.820	1582.600	11	1	102	3	37	7	62	.40	.18	28	1	.12	10	12	.009	.2	16	.26	2.8	2	20
449	KM449		4703.630	1582.350	4	1	199	5	40	14	37	.83	.35	100	2	.12	14	19	.012	1.6	36	.28	2.2	2	38
450	KM450		4703.920	1582.240	1	1	150	1	122	16	67	.69	.36	63	1	.10	43	21	.013	2.7	22	.32	2.8	2	36

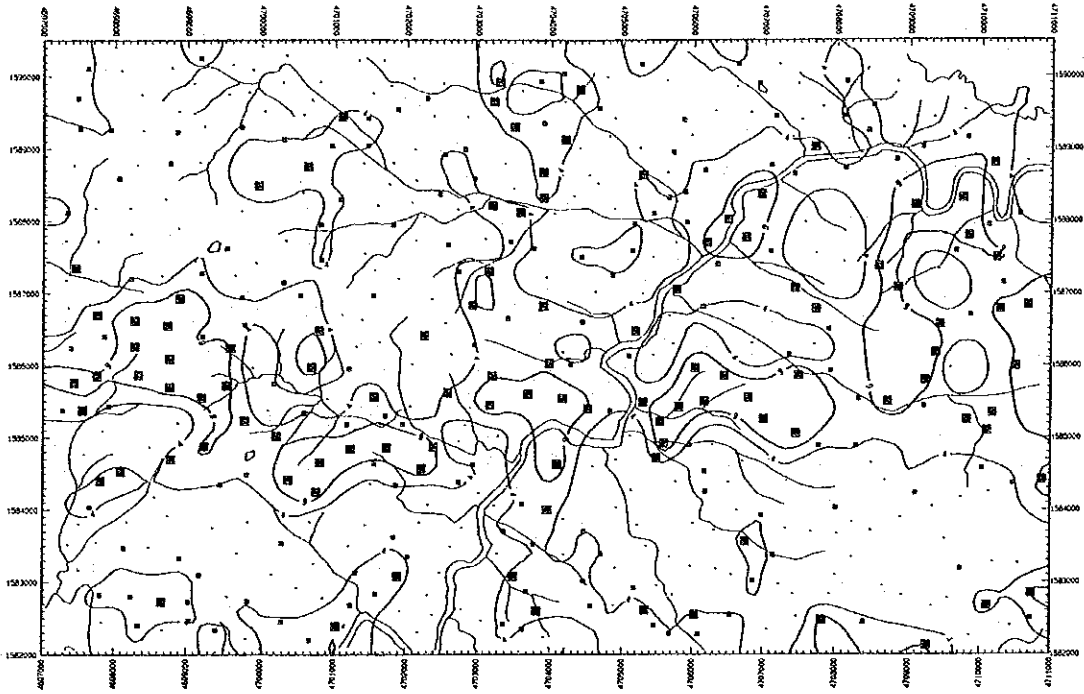
List of Geochemical Analysis (10)

Ser. No.	Sample No.	Location (km)	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mb ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
451	KM451	4704.550	1582.670	1	48	2	28	5	75	.14	.10	20	1	.02	6	12	.012	1.0	17	.24	2.6	2	60
452	KM452	4704.880	1582.680	1	60	1	49	5	37	.21	.13	20	1	.04	8	7	.010	.2	16	.20	2.0	2	36
453	KM453	4705.170	1582.920	4	95	1	49	12	39	.39	.23	19	2	.08	9	14	.012	2.7	25	.34	2.4	2	45
454	KM454	4705.320	1582.610	1	49	1	64	5	47	.14	.11	21	2	.03	14	12	.010	.7	15	.24	1.8	2	25
455	KM455	4705.450	1582.400	6	78	2	33	7	65	.25	.17	34	2	.03	7	2	.010	2.1	20	.24	1.6	2	20
456	KM456	4705.720	1582.820	1	157	4	39	10	42	.67	.28	54	1	.11	18	21	.011	2.5	18	.32	2.4	2	44
457	KM457	4705.670	1582.290	4	72	2	53	5	54	.21	.14	27	2	.05	27	7	.012	2.1	21	.27	2.2	2	21
458	KM458	4706.030	1582.550	9	105	2	77	8	57	.46	.27	30	2	.06	14	6	.013	4.7	22	.27	2.4	2	27
459	KM459	4706.080	1582.280	5	229	4	37	16	52	.61	.24	438	1	.11	17	18	.015	2.2	35	.29	2.2	2	39
460	KM460	4706.530	1582.550	5	44	4	47	6	57	.12	.09	26	2	.04	108	12	.013	2.2	16	.26	1.8	2	16
461	KM461	4707.060	1582.340	3	60	1	29	5	72	.20	.12	15	1	.04	5	12	.011	2.9	16	.24	2.0	2	15
462	KM462	4707.430	1582.830	3	1	1	30	8	65	.75	.16	46	1	.13	12	11	.014	2.2	32	.26	2.0	2	26
463	KM463	4707.480	1582.520	2	129	1	30	13	45	.52	.32	37	2	.06	12	22	.012	3.1	28	.28	1.8	2	37
464	KM464	4707.920	1582.830	2	308	4	21	6	90	.84	.21	50	1	.13	13	13	.017	.6	36	.28	2.0	2	29
465	KM465	4707.820	1582.470	14	2	105	3	22	43	.48	.29	37	3	.06	13	19	.011	5.0	23	.29	2.0	2	37
466	KM466	4708.380	1582.450	7	91	2	26	9	77	.38	.23	22	1	.06	9	14	.009	2.3	24	.27	2.0	2	23
467	KM467	4708.640	1582.950	1	363	3	34	9	50	1.32	.42	56	3	.23	11	19	.014	3.0	45	.35	2.4	2	38
468	KM468	4708.910	1582.820	1	107	1	47	13	105	.55	.30	28	1	.11	12	8	.012	2.1	16	.29	2.6	2	26
469	KM469	4709.250	1582.130	9	91	1	66	6	83	.33	.17	34	1	.08	16	16	.016	2.1	17	.29	2.2	2	18
470	KM470	4709.320	1582.670	1	126	1	56	19	104	.83	.37	29	1	.13	13	14	.011	2.2	22	.42	2.8	2	32
471	KM471	4709.550	1582.780	1	279	2	34	3	82	.75	.15	54	1	.10	10	13	.015	2.2	34	.26	2.2	2	20
472	KM472	4710.100	1582.680	11	53	1	31	5	49	.16	.13	17	2	.05	7	2	.011	2.1	15	.25	1.6	2	13
473	KM473	4710.440	1582.400	1	68	1	30	6	57	.24	.18	23	1	.05	6	13	.011	1.7	20	.24	2.2	2	17
474	KM474	4710.730	1582.850	1	110	2	32	6	62	.35	.19	65	1	.10	13	15	.012	1.2	18	.30	2.4	2	29
475	KM475	4710.720	1582.500	5	73	1	36	6	42	.23	.13	24	1	.04	9	11	.012	1.8	17	.21	2.0	2	19
476	KM476	4709.730	1584.170	1	176	5	33	6	81	.51	.21	74	1	.12	17	29	.014	1.5	.80	.30	2.2	2	36

Appendix 12

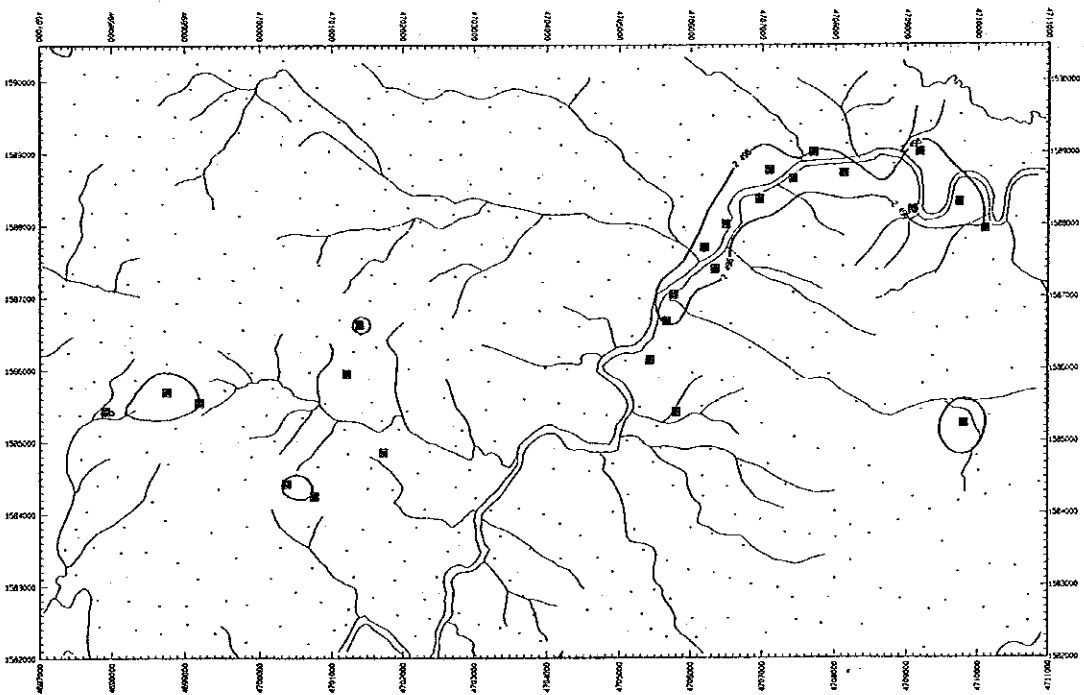
Distribution map of elements in Area M

Soil



As

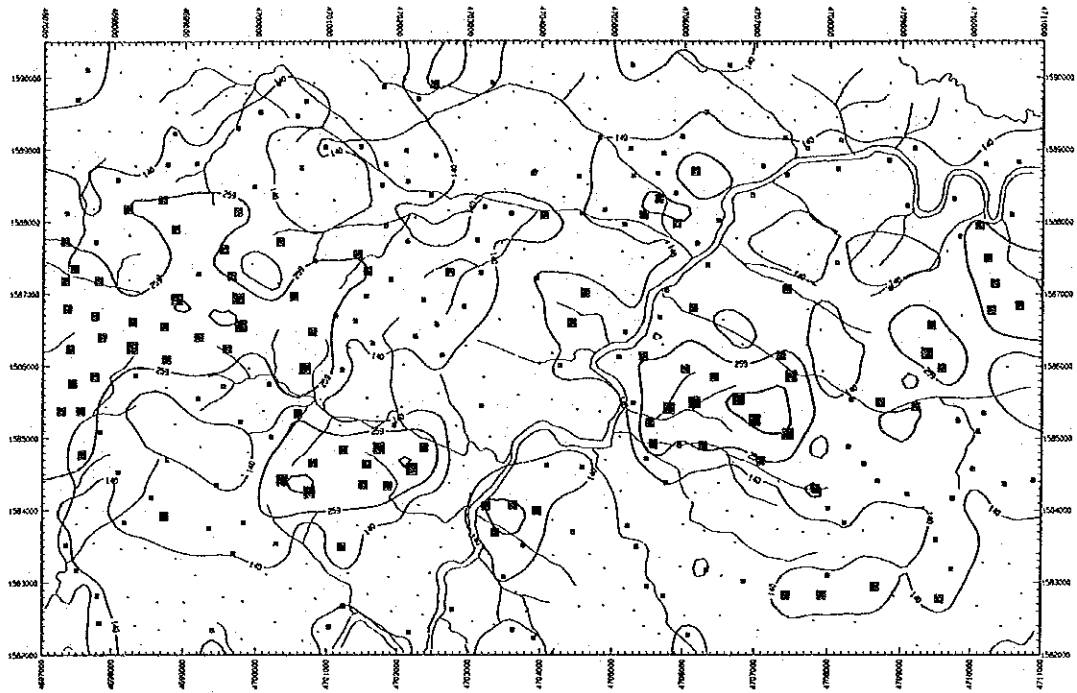
■ 9,000
• 4,000



Au

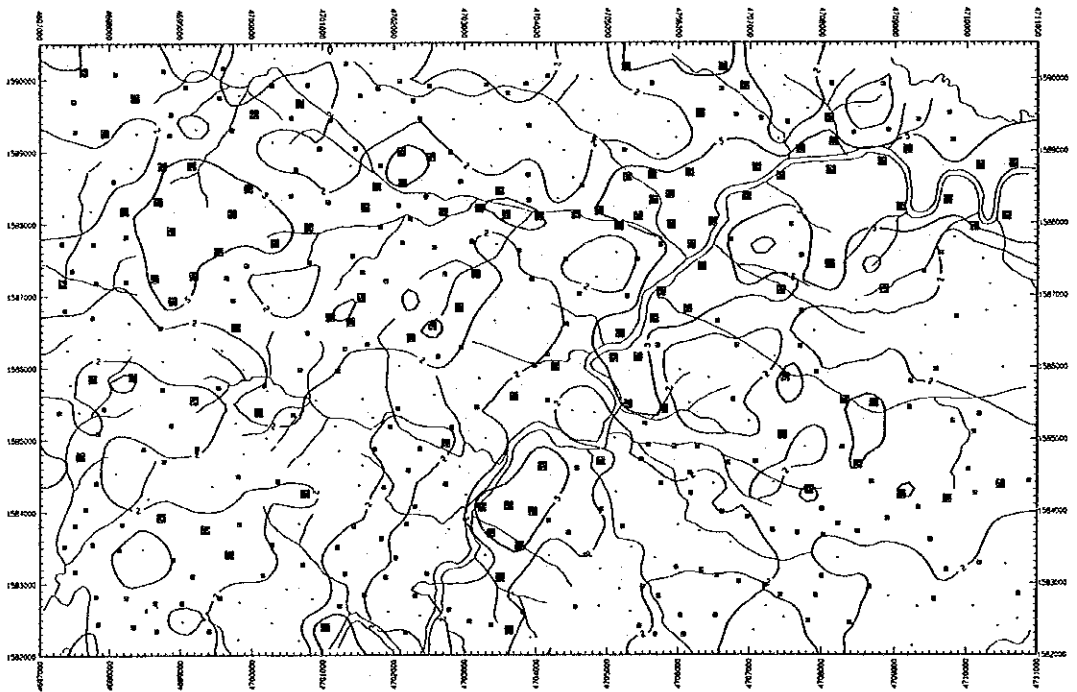
■ 2,435
•

Soil



Ba

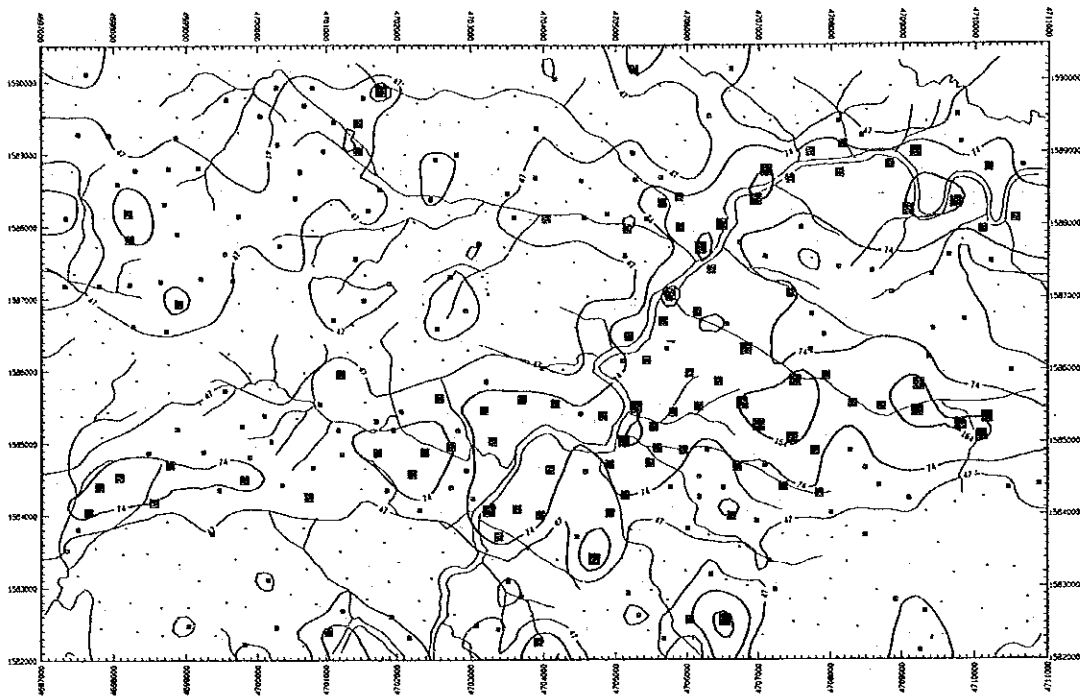
- 752,000
- 259,000
- 140,000



Co

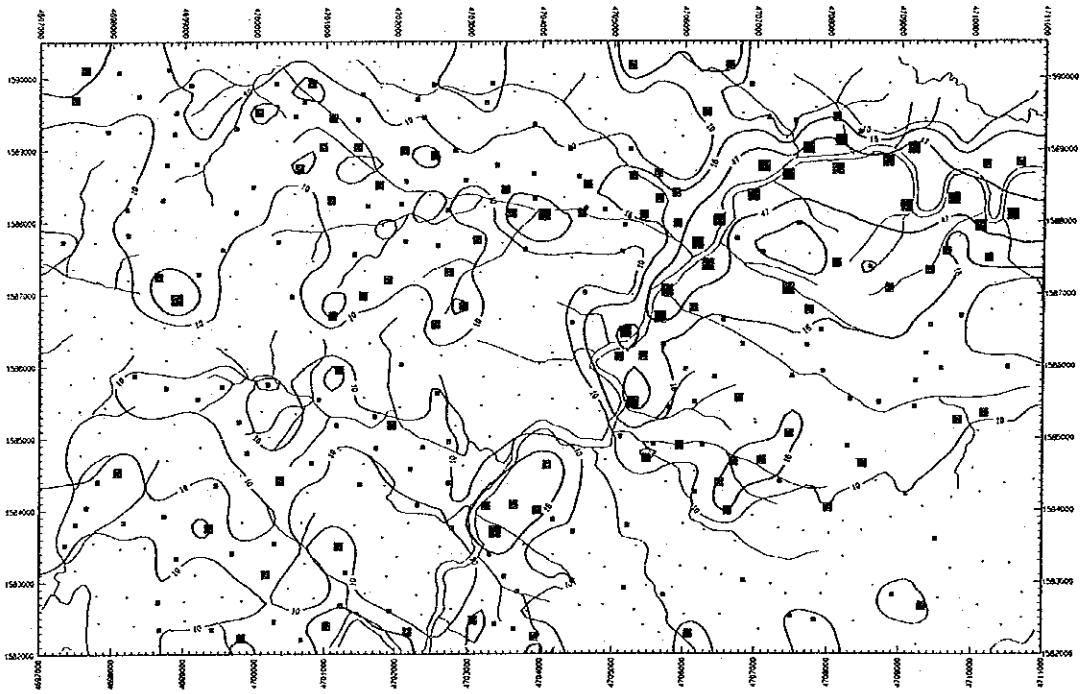
- 5,000
- 2,000

Soil



Cr

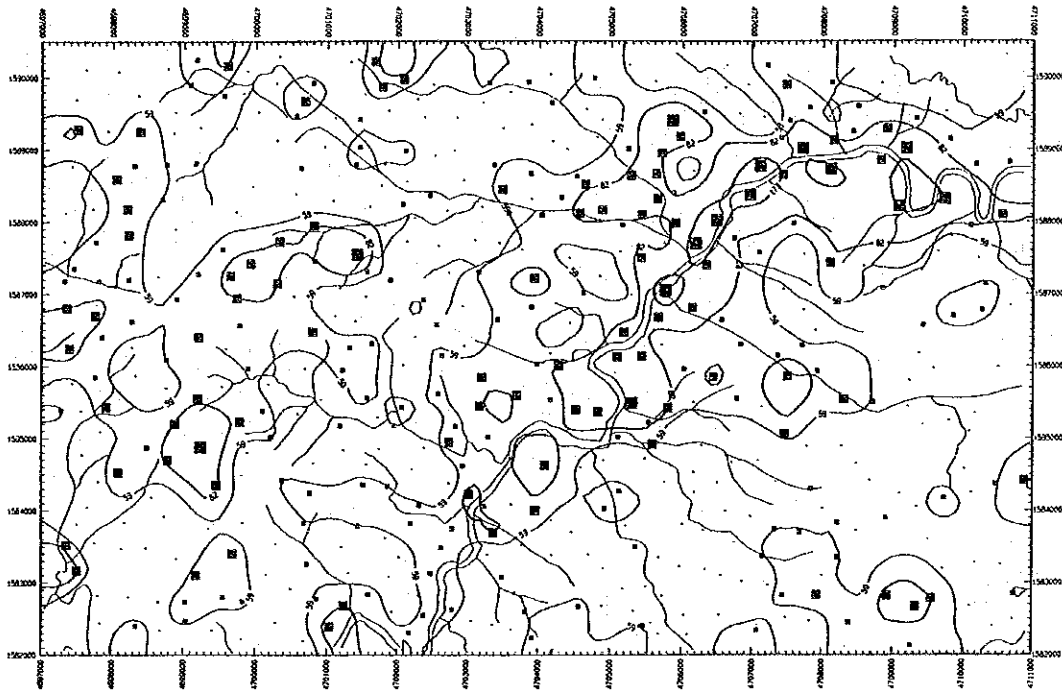
- 154.000
- 74.000
- 47.000



Cu

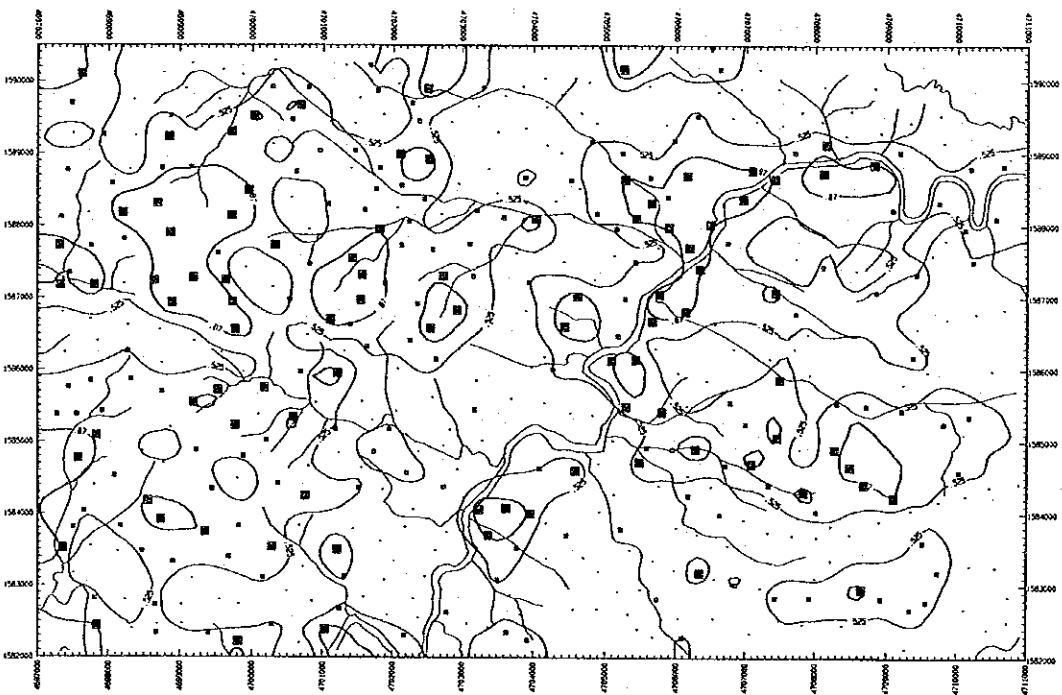
- 47.000
- 16.000
- 10.000

Soil



Hg

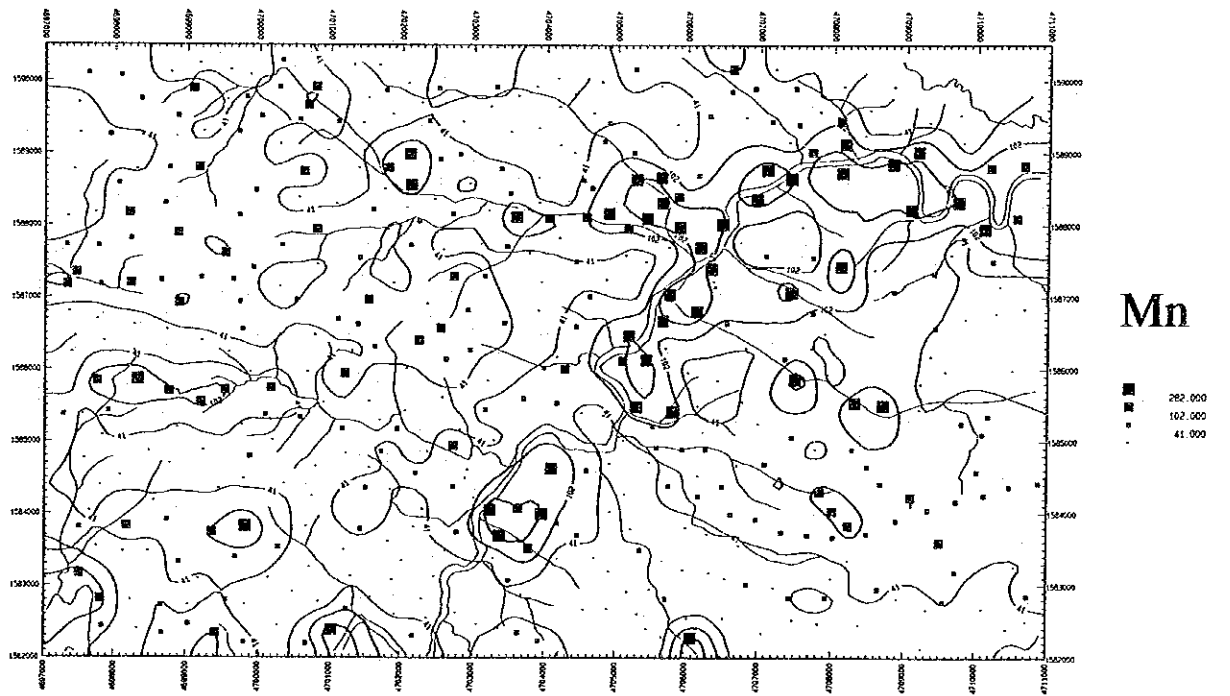
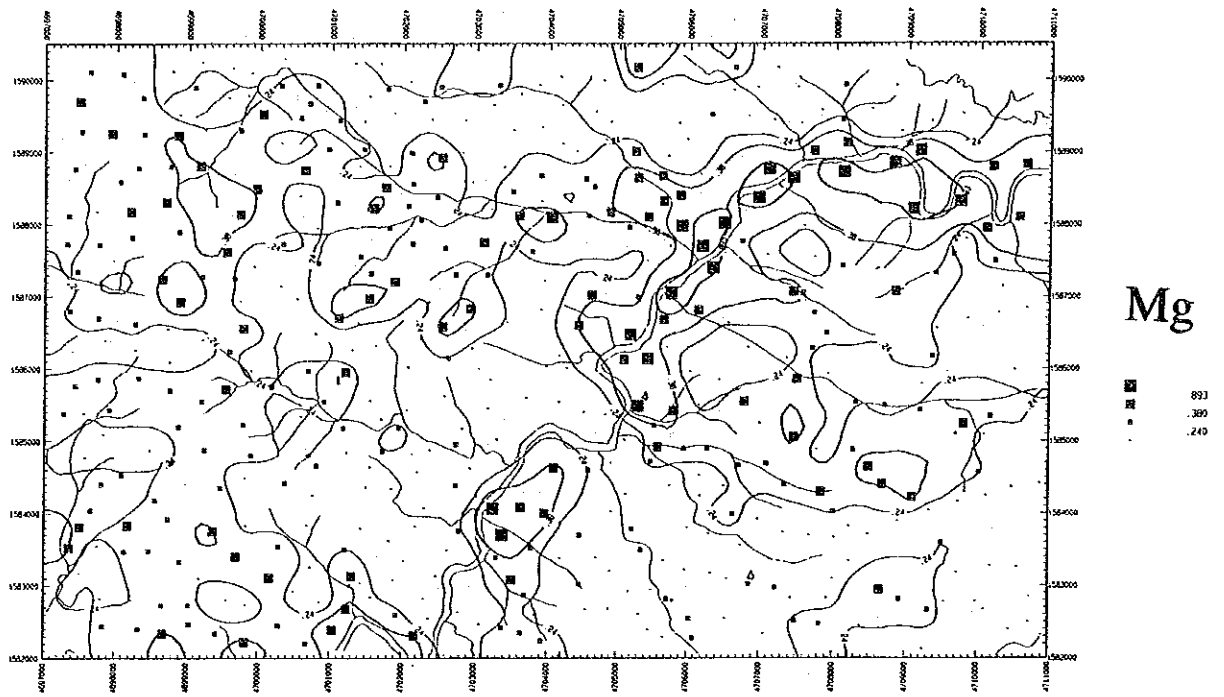
- 173,000
- 82,000
- 59,000



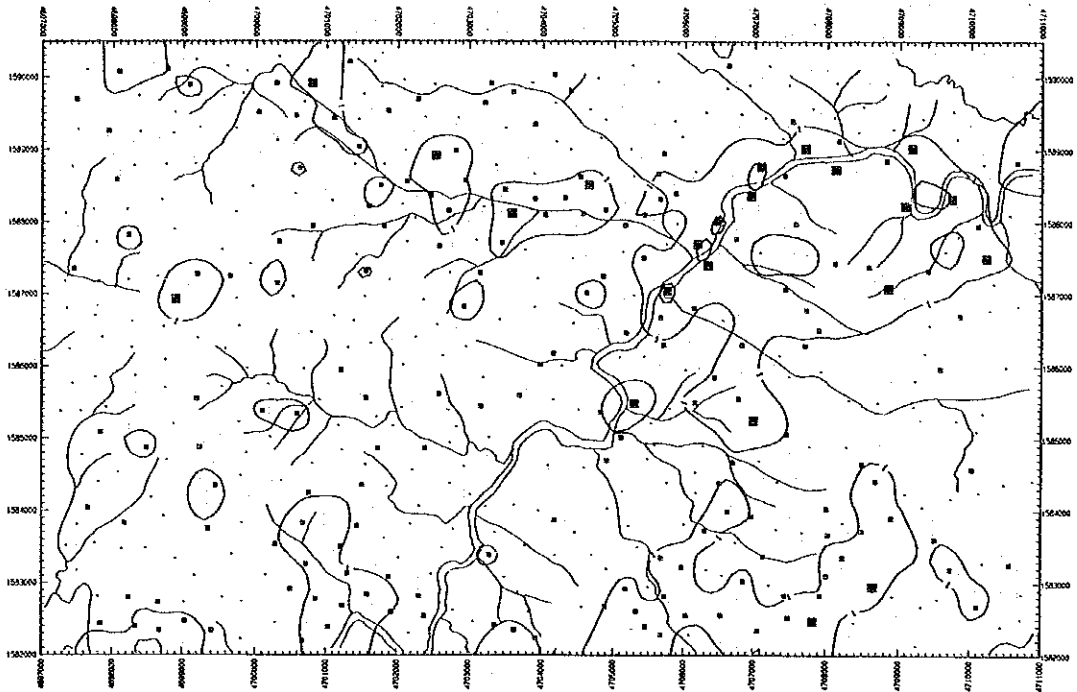
K

- 0.870
- 0.525

Soil

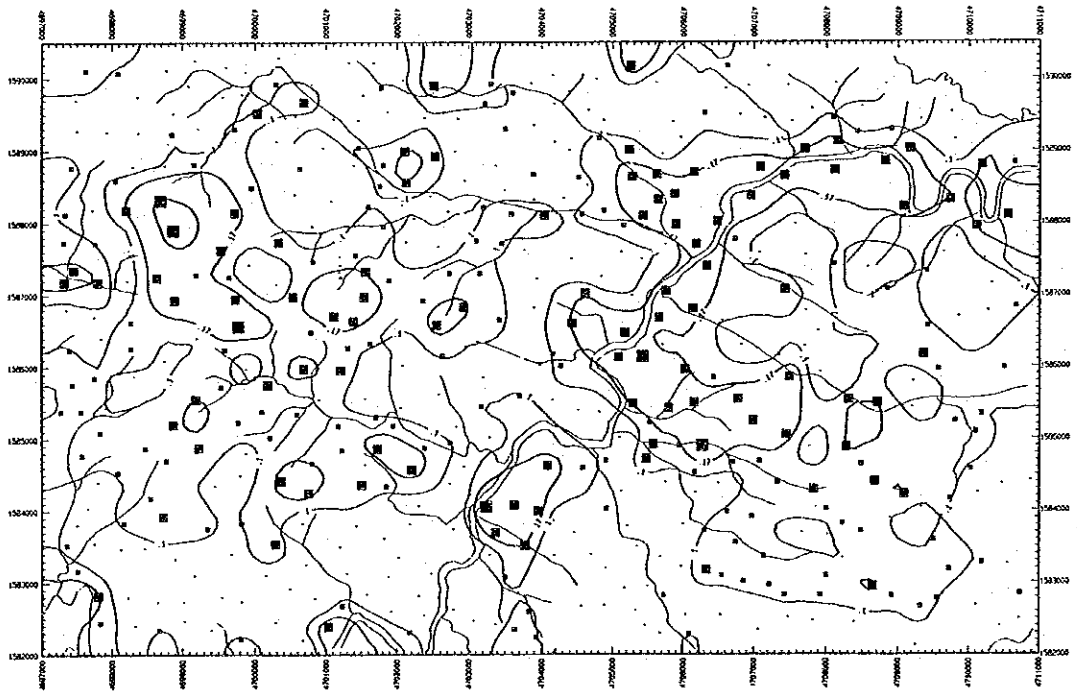


Soil



Mo

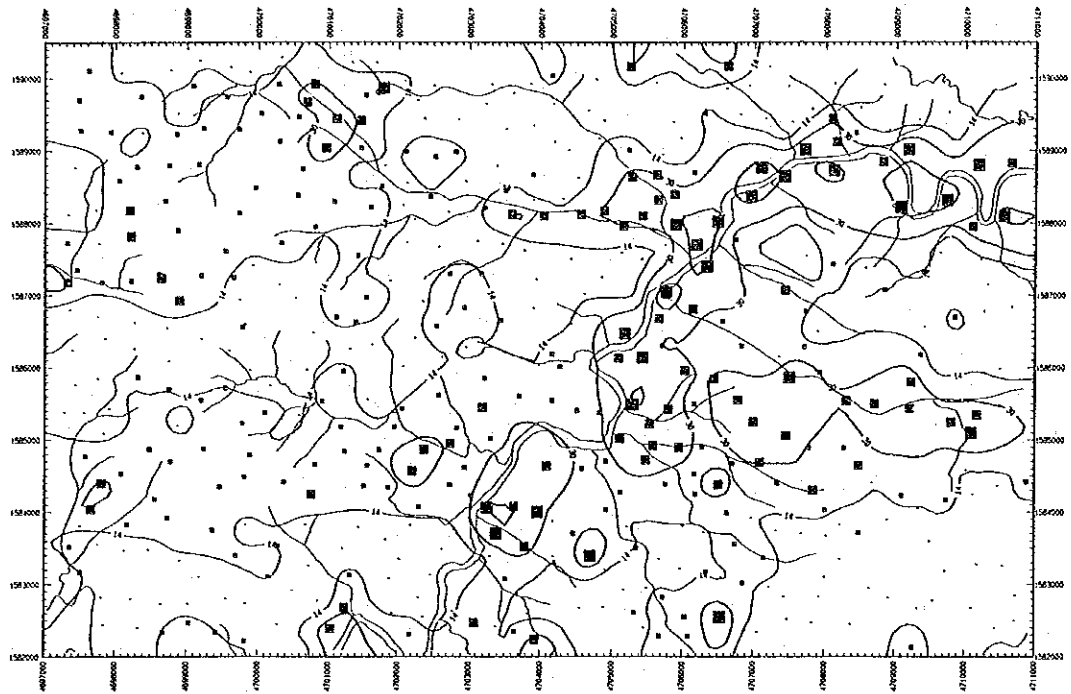
■ 2.928
• 1.000



Na

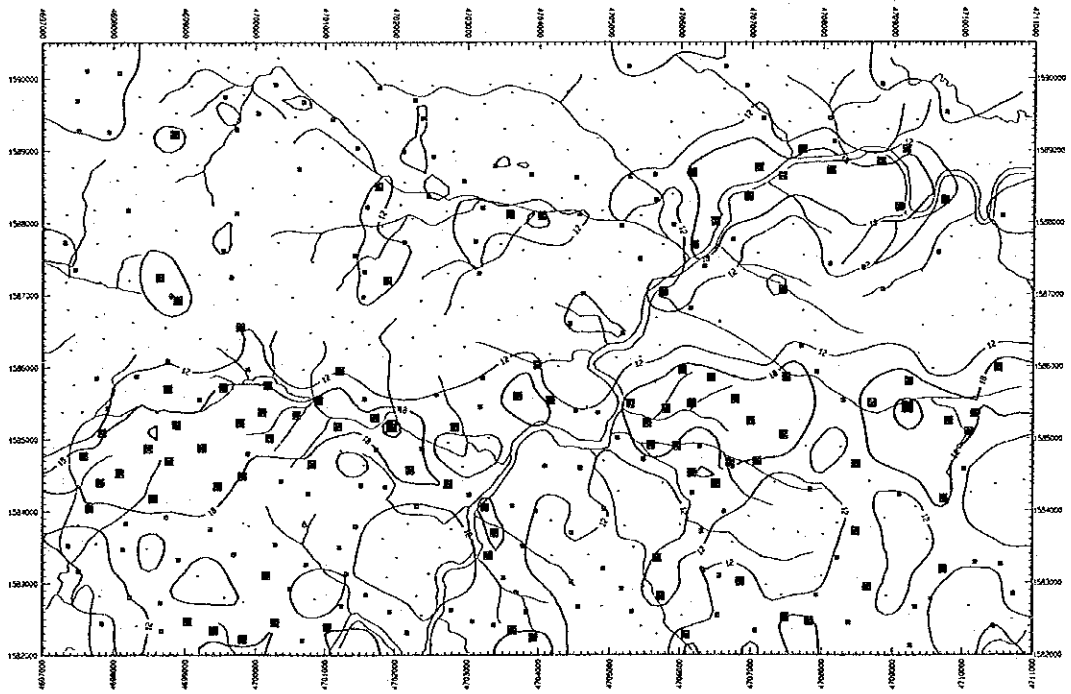
■ .499
• .176
• .100

Soil



Ni

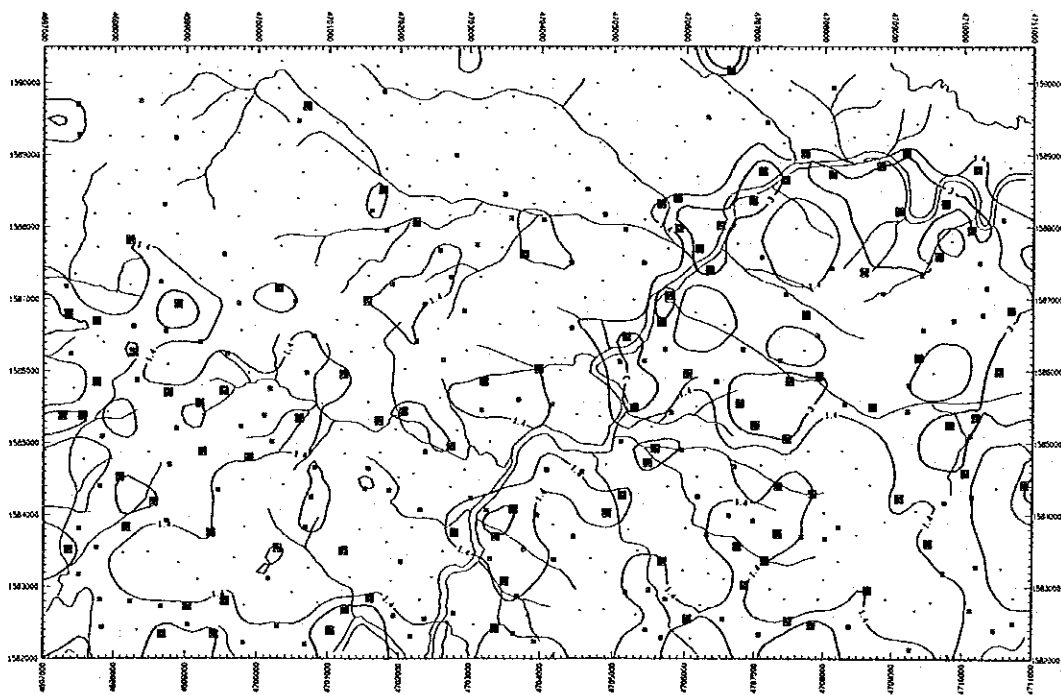
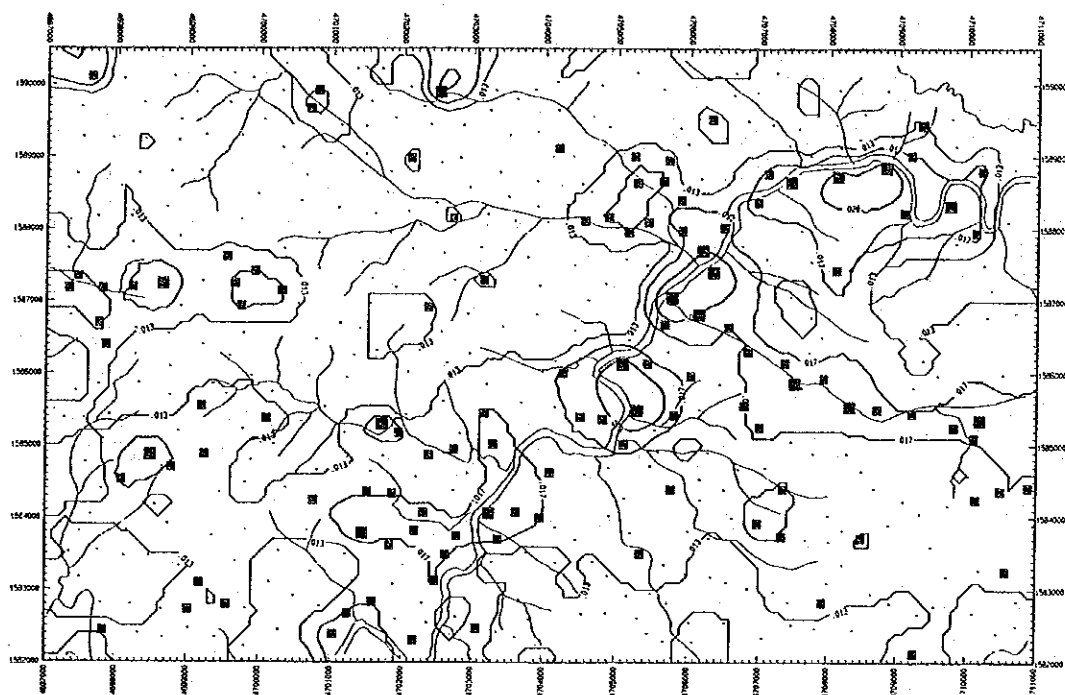
- 89 000
- 30 000
- 14 000



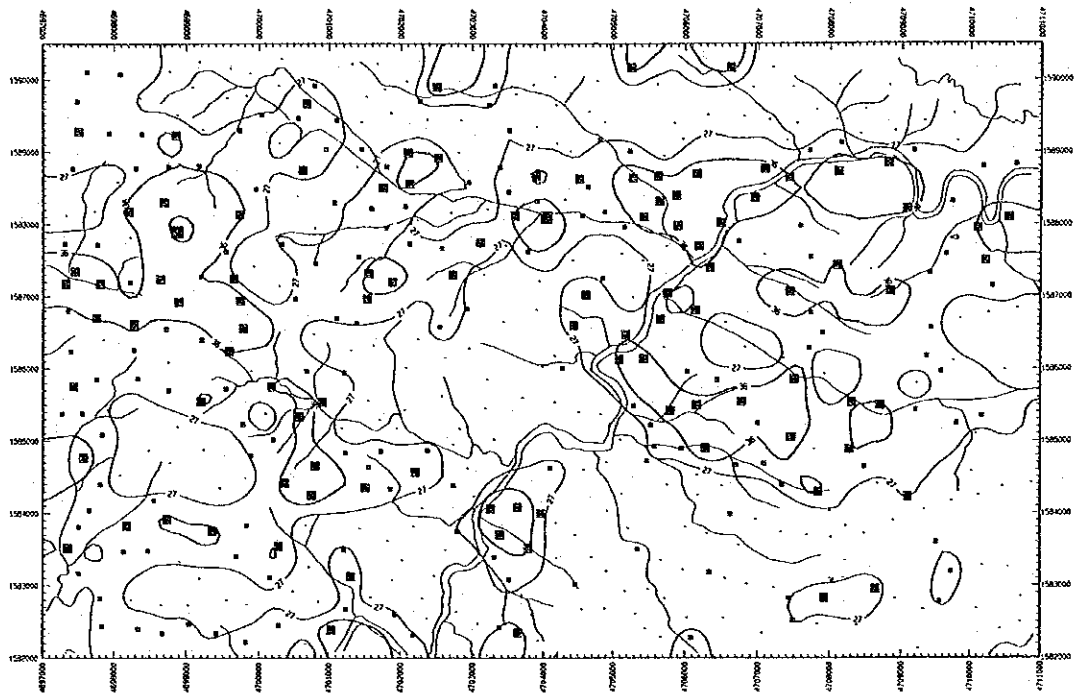
Pb

- 45 000
- 18 000
- 12 000

Soil

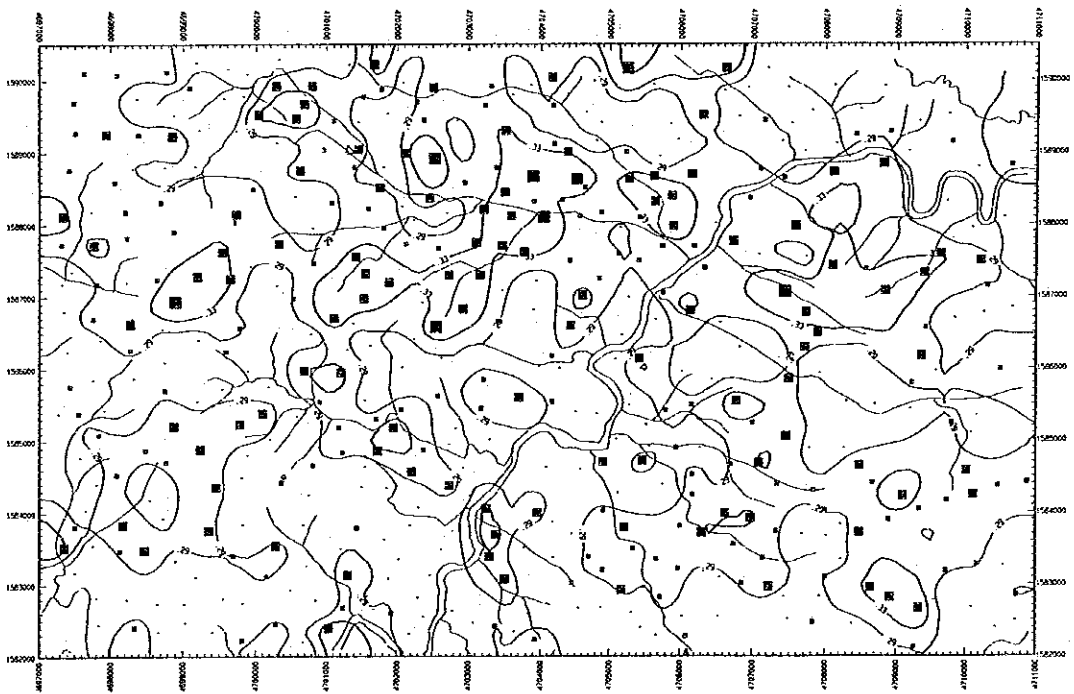


Soil



Sr

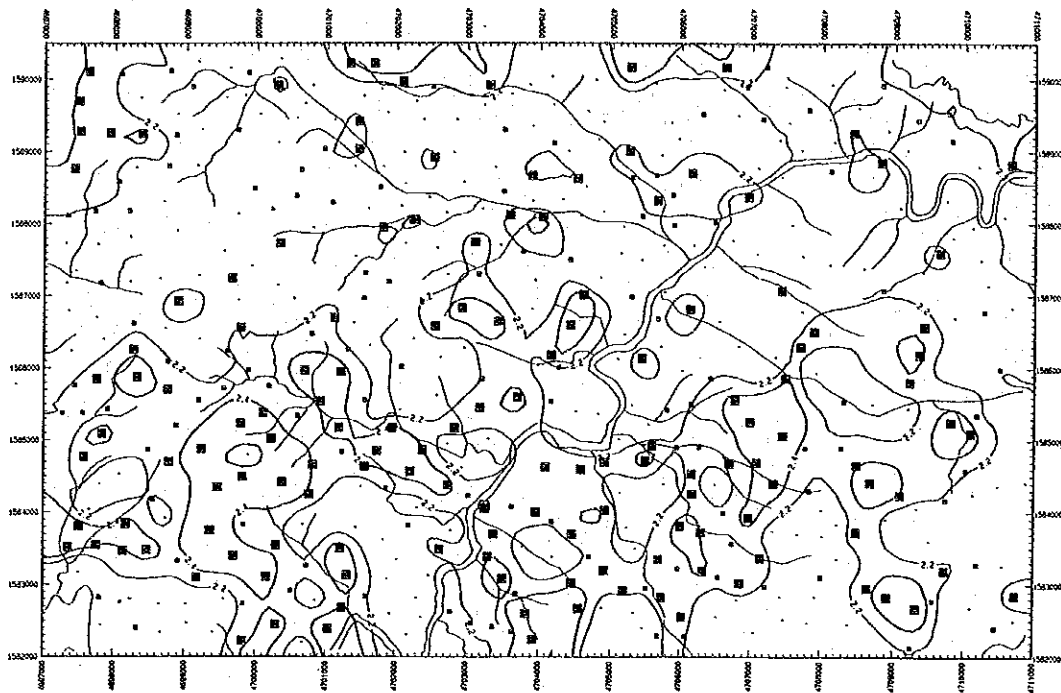
- 75.000
- 36.000
- 27.000



Ti

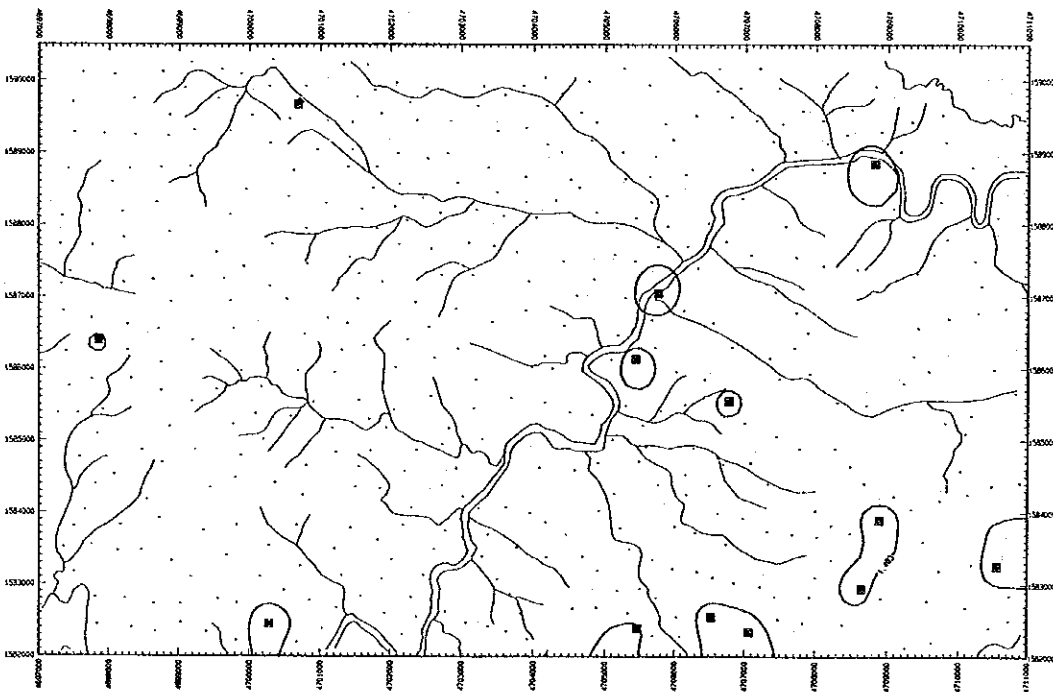
- 437
- 330
- 290

Soil



U

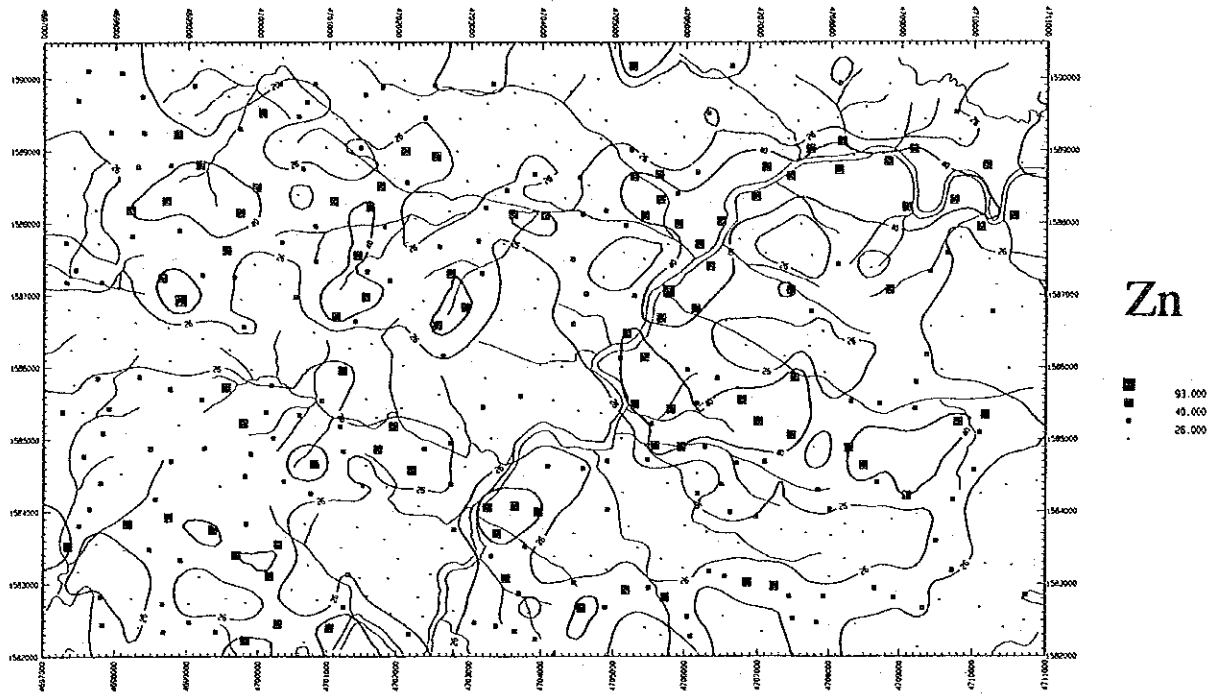
■ 2.40
● 2.200



W

■ 1.423

Soil



Appendix 13

List of soil geochemical samples in Area N

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile	G ₁	S ₂	T ₃	H ₄	Vegetation
1	LN001	1521.54	4685.45	---	Pr	B	50	Y.B.	A B	R	C	F	W	sec. forest
2	LN002	1521.04	4685.45	---	Pr	B	50	Y.B.	A B	R	C	F	W	sec. forest
3	LN003	1521.55	4685.95	---	Pr	B	50	B.	A B	R	C	S	W	sec. forest
4	LN004	1521.00	4686.00	---	Pr	B	50	B.	A B	R	C	F	W	sec. forest
5	LN005	1521.28	4685.70	---	Pr	B	50	Y.B.	A B	F	C	F	W	sec. forest
6	LN006	1519.10	4687.53	---	Pr	B	50	B.	A B	R	C	M	W	sec. forest
7	LN007	1519.32	4687.33	---	Pr	B	50	R.B.	A B	R	C	S	D	sec. forest
8	LN008	1519.35	4687.80	---	Pr	B	50	R.B.	A B	R	C	M	W	sec. forest
9	LN009	1519.75	4687.78	---	Pr	B	50	Y.	A B	R	C	S	W	sec. forest
10	LN010	1519.78	4688.22	---	Pr	B	50	B.	A B	R	C	M	D	sec. forest
11	LN011	1521.55	4688.03	---	Q ₁	B	50	Y.B.	A B	M	C	F	W	sec. forest
12	LN012	1521.00	4688.01	---	Q ₂	B	50	B.	B	F	C	F	W	sec. forest
13	LN013	1521.30	4688.30	---	Q ₂	B	50	R.B.	A B	M	C	M	W	sec. forest
14	LN014	1521.86	4688.40	---	Pr	B	50	D.B.	B	R	C	M	W	sec. forest
15	LN015	1521.65	4688.53	---	Pr	B	50	Y.B.	A B	R	C	M	W	sec. forest
16	LN016	1521.35	4688.72	---	Pr	B	50	D.B.	B	R	C	S	W	sec. forest
17	LN017	1520.93	4688.60	---	Pr	B	50	D.B.	A B	R	C	S	W	sec. forest
18	LN018	1521.89	4688.85	---	Pr	B	30	D.B.	A B	F	C	S	W	sec. forest
19	LN019	1521.56	4688.98	harzburgite	Pr	B	50	R.B.	A B	F	C	F	D	sec. forest
20	LN020	1520.99	4688.97	---	Pr	B	50	R.B.	A B	R	C	F	W	sec. forest

*₁ Gravel: many (M), few (F), rare or none (R). *₂ Grain size: sandy (S), clay (C). *₃ Topography: steep (S), moderate (M), flat (F). *₄ Humidity: dry (D), wet (W).

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile			G. #1	S. #2	T. #3	H. #4	Vegetation
		N	E						50	100	150 (cm)					
21	LN021	1521.85	4689.23	---	Pr	B	30	D.B.	A	B		R	C	S	W	sec. forest
22	LN022	1521.50	4689.47	---	Pr	B	50	B.	A	B		R	C	M	W	sec. forest
23	LN023	1521.20	4689.28	---	Pr	B	50	R.B.	A	B		F	C	M	W	sec. forest
24	LN024	1520.98	4689.48	---	Cs	B	50	D.B.	A	B		M	S	F	W	sec. forest
25	LN025	1520.95	4691.88	---	Cs	B	50	Y.B.	A	B		R	C	F	W	sec. forest
26	LN026	1520.52	4691.89	---	Pr	B	50	D.B.	A	B		R	C	F	W	sec. forest
27	LN027	1519.95	4691.73	---	Pr	B	50	D.B.		B		R	C	S	W	sec. forest
28	LN028	1519.32	4690.75	---	Pr	B	50	D.B.	A	B		R	C	S	W	sec. forest
29	LN029	1519.27	4690.24	---	Pr	B	50	D.B.	A	B		R	C	S	W	sec. forest
30	LN030	1519.25	4689.21	---	Pr	B	50	Y.B.	A	B		F	C	S	W	sec. forest
31	LN031	1520.80	4691.50	---	Cs	B	50	B.		B		R	C	F	W	sec. forest
32	LN032	1520.23	4685.26	---	Cs	B	50	Y.B.	A	B		R	C	S	W	sec. forest
33	LN033	1520.54	4685.49	harzburgite	Pr	B	50	B.	A	B		F	C	F	W	sec. forest
34	LN034	1520.05	4685.53	---	Pr	B	50	B.	A	B		R	C	F	W	sec. forest
35	LN035	1520.74	4685.72	---	Pr	B	50	Y.B.	A	B		M	C	F	W	sec. forest
36	LN036	1520.30	4685.72	---	Q ₁	B	50	L.B.	A	B		R	C	F	W	sec. forest
37	LN037	1520.53	4686.02	---	Q ₁	B	50	B.	A	B		R	C	F	W	sec. forest
38	LN038	1520.00	4685.98	---	Q ₁	B	50	Y.B.	A	B		R	C	F	W	sec. forest
39	LN039	1521.23	4689.00	---	Pr	B	50	R.B.	A	B		R	C	S	D	sec. forest
40	LN040	1520.00	4686.55	---	Cs	B	50	Y.B.	A	B		R	C	F	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F).
 *4 Humidity: dry (D), wet (W).

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile			G. #1	S. #2	I. #3	H. #4	Vegetation
		N	E						50	100	150 (cm)					
41	LN041	1521.50	4689.25	---	Pr	B	50	R.B.	A	B		R	C	S	D	sec. forest
42	LN042	1520.07	4687.00	---	Cs	B	50	Y.B.	A	B		R	C	S	W	sec. forest
43	LN043	1521.60	4688.71	---	Pr	B	50	R.B.	A	B		R	C	S	W	sec. forest
44	LN044	1520.00	4686.56	---	Pr	B	50	B.	A	B		R	C	F	W	sec. forest
45	LN045	1520.53	4688.01	---	Q ₂	B	50	R.B.	A	B		R	C	F	W	sec. forest
46	LN046	1520.00	4688.00	---	Pr	B	50	Y.	A	B		R	C	S	W	sec. forest
47	LN047	1520.77	4688.24	---	Q ₂	B	50	D.B.	A	B		F	C	M	W	sec. forest
48	LN048	1520.25	4688.30	---	Pr	B	50	B.	A	B		R	C	S	W	sec. forest
49	LN049	1520.45	4688.53	---	Pr	B	50	R.B.	A	B		R	C	S	D	sec. forest
50	LN050	1519.99	4688.48	---	Pr	B	50	R.B.	A	B		R	C	M	D	sec. forest
51	LN051	1520.81	4688.80	---	Pr	B	50	R.B.	A	B		R	C	M	D	sec. forest
52	LN052	1520.48	4688.98	---	Pr	B	50	L.B.	A	B		M	C	F	W	sec. forest
53	LN053	1520.10	4689.02	---	Cs	B	50	B.	A	B		R	C	F	W	sec. forest
54	LN054	1520.74	4689.27	---	Cs	B	50	B.	A	B		R	C	F	W	sec. forest
55	LN055	1520.47	4689.52	---	Cs	B	50	D.B.	A	B		M	C	F	W	sec. forest
56	LN056	1520.02	4689.47	---	Cs	B	50	D.B.	A	B		R	C	F	W	sec. forest
57	LN057	1520.70	4688.53	---	Pr	B	50	D.B.	A	B		R	C	S	W	sec. forest
58	LN058	1519.93	4689.97	---	Pr	B	50	Y.B.	A	B		R	C	F	W	sec. forest
59	LN059	1520.22	4690.32	---	Cs	B	50	D.B.		B		R	C	F	W	sec. forest
60	LN060	1520.38	4690.54	---	Cs	B	50	D.B.		B		F	C	F	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F).
 *4 Humidity: dry (D), wet (W).

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile			G. #1	S. #2	T. #3	H. #4	Vegetation
		N	E						50	100	150 (cm)					
61	LN061	1519.97	4690.50	---	Pr	B	50	Y.B.	A	B	R	C	F	W	sec. forest	
62	LN062	1520.23	4690.77	---	Cs	B	50	D.B.	A	B	R	C	F	W	sec. forest	
63	LN063	1520.90	4691.00	---	Cs	B	50	D.B.	B		R	C	F	W	bush	
64	LN064	1520.43	4690.98	---	Cs	B	50	D.B.	B		F	S	F	W	bush	
65	LN065	1520.52	4691.45	---	Cs	B	50	D.B.	B		R	C	F	W	sec. forest	
66	LN066	1520.12	4691.43	---	Pr	B	50	D.B.	A	B	R	C	F	W	sec. forest	
67	LN067	1519.58	4685.53	---	Cs	B	50	Y.B.	A	B	R	C	F	W	sec. forest	
68	LN068	1519.52	4685.93	---	Q1	B	50	L.B.	A	B	R	C	F	W	sec. forest	
69	LN069	1519.55	4686.54	---	Cs	B	50	B.	A	B	R	C	F	W	sec. forest	
70	LN070	1519.53	4687.03	chert boulder	Cs	B	50	R.B.	A	B	M	C	S	W	sec. forest	
71	LN071	1519.62	4687.55	---	Pr	B	50	R.B.	A	B	R	C	S	W	sec. forest	
72	LN072	1519.58	4687.99	---	Pr	B	50	B.	A	B	R	C	S	D	sec. forest	
73	LN073	1519.65	4688.45	---	Cs	B	50	D.B.	A	B	R	C	F	W	sec. forest	
74	LN074	1519.70	4688.69	---	Cs	B	50	D.B.	B		R	C	F	W	sec. forest	
75	LN075	1519.55	4689.00	---	Pr	B	50	D.B.	A	B	R	C	M	W	sec. forest	
76	LN076	1519.65	4689.32	---	Pr	B	50	D.B.	A	B	R	C	S	W	sec. forest	
77	LN077	1519.42	4689.53	---	Pr	B	50	D.B.	B		R	C	S	W	sec. forest	
78	LN078	1519.75	4689.74	---	Pr	B	50	D.B.	B		R	C	S	W	sec. forest	
79	LN079	1519.50	4689.98	---	Pr	B	50	D.B.	B		R	C	S	W	sec. forest	
80	LN080	1519.73	4690.25	---	Pr	B	50	D.B.	B		F	C	S	W	sec. forest	

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F). *4 Humidity: dry (D), wet (W).

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile	G. *1	S. *2	T. *3	H. *4	Vegetation
81	LN081	1519.50	4690.45	peridotite	Pr	B	50	D.B.	A B	R	C	S	W	sec. forest
82	LN082	1519.77	4690.77	peridotite	Pr	B	50	D.B.	B	R	C	F	W	sec. forest
83	LN083	1519.90	4691.02	peridotite	Pr	B	50	D.B.	A B	R	C	F	W	sec. forest
84	LN084	1519.55	4690.98	—	Pr	B	50	D.B.	B	R	C	S	W	sec. forest
85	LN085	1519.45	4691.55	—	Cs	B	50	D.B.	A B	R	C	F	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F).
 *4 Humidity: dry (D), wet (W).

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile				G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E						0	50	100	150 (cm)					
86	LN201	1521.54	4685.45	---	Pr	C	150	Y.B.	A	B	C	M	C	F	W	sec. forest	
87	LN202	1521.04	4685.45	---	Pr	B	150	Y.B.	A	B		R	C	F	W	sec. forest	
88	LN203	1521.55	4685.95	---	Pr	B	150	B.	A	B		F	C	S	W	sec. forest	
89	LN204	1521.00	4686.00	---	Pr	B	150	B.	A	B		R	C	F	W	sec. forest	
90	LN205	1521.28	4685.70	---	Pr	B	150	Y.B.	A	B		R	C	F	W	sec. forest	
91	LN206	1519.10	4687.53	---	Pr	B	150	B.	A	B		R	C	M	W	sec. forest	
92	LN207	1519.32	4687.33	---	Pr	B	150	R.B.	A	B		R	C	S	D	sec. forest	
93	LN208	1519.35	4687.80	---	Pr	B	150	R.B.	A	B		R	C	M	W	sec. forest	
94	LN209	1519.75	4687.78	---	Pr	B	150	Y.	A	B		R	C	S	W	sec. forest	
95	LN210	1519.78	4688.22	---	Pr	B	150	B.	A	B		R	C	S	D	sec. forest	
96	LN211	1521.55	4688.03	---	Q ₁	C	90	R.B.	A	B	C	M	C	F	W	sec. forest	
97	LN212	1521.00	4688.01	---	Q ₂	B	150	B.		B		F	C	F	W	sec. forest	
98	LN213	1521.30	4688.30	---	Q ₂	B	150	R.B.	A	B		R	C	M	W	sec. forest	
99	LN214	1521.86	4688.40	---	Pr	B	150	D.B.		B		R	C	M	W	sec. forest	
100	LN215	1521.65	4688.53	---	Pr	B	150	Y.B.	A	B		R	C	M	W	sec. forest	
101	LN216	1521.35	4688.72	---	Pr	B	150	D.B.		B		R	C	S	W	sec. forest	
102	LN217	1520.93	4688.60	---	Pr	B	150	D.B.	A	B		F	C	S	W	sec. forest	
103	LN218	1521.89	4688.85	---	Pr	C	110	D.B.	A	B	C	M	C	S	W	sec. forest	
104	LN219	1521.56	4688.98	harzburgite	Pr	C	110	R.B.	A	B	C	F	C	F	D	sec. forest	
105	LN220	1520.99	4688.97	---	Pr	B	150	D.B.	A	B		R	C	F	W	sec. forest	

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F).
 *4 Humidity: dry (D), wet (W).

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile	G. #1	S. #2	T. #3	H. #4	Vegetation
106	LN221	1521.85	4689.23	---	Pr	C	100	Y.B.	A B C	M	S	S	W	sec. forest
107	LN222	1521.50	4689.47	---	Pr	B	150	D.B.	A B	R	C	M	W	sec. forest
108	LN223	1521.20	4689.28	---	Pr	C	110	R.B.	A B C	F	C	M	W	sec. forest
109	LN224	1520.98	4689.48	---	Cs	B	150	B.	A B	M	C	F	W	sec. forest
110	LN225	1520.95	4691.88	---	Cs	B	150	Y.B.	A B	R	C	F	W	sec. forest
111	LN226	1520.52	4691.89	---	Pr	B	150	D.B.	A B	R	C	F	W	sec. forest
112	LN227	1519.95	4691.73	---	Pr	B	150	D.B.	A B	R	C	S	W	sec. forest
113	LN228	1519.32	4690.75	---	Pr	B	150	D.B.	A B	R	C	S	W	sec. forest
114	LN229	1519.27	4690.24	---	Pr	C	100	Y.B.	A B C	R	C	S	W	sec. forest
115	LN230	1519.25	4689.21	---	Pr	C	150	Y.B.	A B C	M	S	S	W	sec. forest
116	LN231	1520.80	4691.50	---	Cs	B	150	R.B.	A B	R	C	F	W	sec. forest
117	LN232	1520.23	4685.26	---	Cs	C	150	Y.B.	A B C	M	C	S	W	sec. forest
118	LN233	1520.54	4685.49	harzburgite	Pr	B	150	B.	A B	R	C	F	W	sec. forest
119	LN234	1520.05	4685.53	---	Pr	B	150	B.	A B	R	S	F	W	sec. forest
120	LN235	1520.74	4685.72	---	Pr	B	150	Y.B.	A B	M	C	F	W	sec. forest
121	LN236	1520.30	4685.72	---	Q ₁	C	150	L.B.	A B C	R	S	F	W	sec. forest
122	LN237	1520.53	4686.02	---	Q ₁	B	150	B.	A B	R	C	F	W	sec. forest
123	LN238	1520.00	4685.98	---	Q ₁	B	150	Y.B.	A B	R	C	F	W	sec. forest
124	LN239	1521.23	4689.00	---	Pr	B	150	R.B.	A B	R	C	S	D	sec. forest
125	LN240	1520.00	4686.55	---	Cs	C	150	Y.B.	A B C	M	S	F	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F). *4 Humidity: dry (D), wet (W).

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile			G. #1	S. #2	T. #3	H. #4	Vegetation
		N	E						50	100	150 (cm)					
126	LN241	1521.50	4689.25	---	Pr	B	150	R.B.	A	B		F	C	S	D	sec. forest
127	LN242	1520.07	4687.00	---	Cs	B	150	Y.B.	A	B		R	C	S	W	sec. forest
128	LN243	1521.60	4688.71	---	Pr	B	150	R.B.	A	B		R	C	S	W	sec. forest
129	LN244	1520.00	4687.55	---	Pr	B	150	B.	A	B		R	C	F	W	sec. forest
130	LN245	1520.53	4688.01	---	Q ₂	B	150	R.B.	A	B		R	C	F	W	sec. forest
131	LN246	1520.00	4688.00	---	Pr	B	150	Y.	A	B		R	C	S	W	sec. forest
132	LN247	1520.77	4688.24	---	Q ₂	C	120	D.B.	A	B	C	F	C	M	W	sec. forest
133	LN248	1520.25	4688.30	---	Pr	B	150	B.	A	B		R	C	S	W	sec. forest
134	LN249	1520.45	4688.53	---	Pr	C	100	B.	A	B	C	F	C	S	D	sec. forest
135	LN250	1519.99	4688.48	---	Pr	B	150	R.B.	A	B		R	C	M	D	sec. forest
136	LN251	1520.81	4688.80	---	Pr	B	150	R.B.	A	B		R	C	M	D	sec. forest
137	LN252	1520.48	4688.98	---	Pr	B	150	L.B.	A	B	C	M	C	F	W	sec. forest
138	LN253	1520.10	4689.02	---	Cs	C	150	B.	A	B	C	M	C	F	W	sec. forest
139	LN254	1520.74	4689.27	---	Cs	B	150	B.	A	B		M	C	F	W	sec. forest
140	LN255	1520.47	4689.52	---	Cs	B	150	D.B.	A	B		M	C	F	W	sec. forest
141	LN256	1520.02	4689.47	---	Cs	B	150	R.B.	A	B		F	C	F	W	sec. forest
142	LN257	1520.70	4688.53	---	Pr	C	150	D.B.	A	B	C	M	C	S	W	sec. forest
143	LN258	1519.93	4689.97	---	Pr	B	150	Y.B.	A	B		R	C	F	W	sec. forest
144	LN259	1520.22	4690.32	---	Cs	B	150	D.B.		B		F	C	F	W	sec. forest
145	LN260	1520.38	4690.54	---	Cs	B	150	Y.B.		B		F	C	F	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F).
 *4 Humidity: dry (D), wet (W).

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile	G. #1	S. #2	T. #3	H. #4	Vegetation
146	LN261	1519.97	4690.50	---	Pr	B	150	Y.B.	A 50 B 100 150 (cm)	F	C	F	W	sec. forest
147	LN262	1520.23	4690.77	---	Cs	B	150	D.B.	A B	M	C	F	W	sec. forest
148	LN263	1520.90	4691.00	---	Cs	B	110	D.B.	A B	R	C	F	W	sec. forest
149	LN264	1520.43	4690.98	---	Cs	B	100	D.B.	A B	F	S	F	W	sec. forest
150	LN265	1520.52	4691.45	---	Cs	B	150	D.B.	A B	R	C	F	W	sec. forest
151	LN266	1520.12	4691.43	---	Pr	B	150	D.B.	A B	R	C	F	W	sec. forest
152	LN267	1519.58	4685.53	---	Cs	B	150	L.B.	A B	R	C	F	W	sec. forest
153	LN268	1519.52	4685.93	---	Q ₁	B	150	L.B.	A B	R	C	F	W	sec. forest
154	LN269	1519.55	4686.54	---	Cs	B	150	B.	A B	R	C	F	W	sec. forest
155	LN270	1519.53	4687.03	chert boulder	Cs	B	150	R.B.	A B	F	C	S	W	sec. forest
156	LN271	1519.62	4687.55	---	Pr	B	150	R.B.	A B	R	C	S	W	sec. forest
157	LN272	1519.58	4687.99	---	Pr	B	150	B.	A B	R	C	S	D	sec. forest
158	LN273	1519.65	4688.45	---	Cs	B	150	B.	A B	R	C	F	W	sec. forest
159	LN274	1519.70	4688.69	---	Cs	B	150	D.B.	A B	R	C	F	W	sec. forest
160	LN275	1519.55	4689.00	---	Pr	B	150	D.B.	A B	R	C	M	W	sec. forest
161	LN276	1519.65	4689.32	---	Pr	B	150	D.B.	A B	F	C	S	W	sec. forest
162	LN277	1519.42	4689.53	---	Pr	B	150	Y.B.	A B	F	C	S	W	sec. forest
163	LN278	1519.75	4689.74	---	Pr	C	130	Y.B.	A B C 150	M	S	S	W	sec. forest
164	LN279	1519.50	4689.98	---	Pr	B	150	D.B.	A B	F	C	S	W	sec. forest
165	LN280	1519.73	4690.25	---	Pr	B	150	D.B.	A B	F	C	S	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F). *4 Humidity: dry (D), wet (W).

Area: West of Telupid (Area N)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile 50 100 150 (cm)	G. #1	S. #2	T. #3	H. #4	Vegetation
166	LN281	1519.50	4690.45	peridotite	Pr	B	150	D.B.	A B	R	C	S	W	sec. forest
167	LN282	1519.77	4690.77	peridotite	Pr	B	150	R.B.	B	F	C	F	W	sec. forest
168	LN283	1519.90	4691.02	peridotite	Pr	B	150	D.B.	A B	F	C	F	W	sec. forest
169	LN284	1519.55	4690.98	---	Pr	B	150	D.B.	B	R	C	S	W	sec. forest
170	LN285	1519.45	4691.55	---	Cs	B	150	Y.B.	A B	F	C	F	W	sec. forest

*1 Gravel: many (M), few (F), rare or none (R). *2 Grain size: sandy (S), clay (C). *3 Topography: steep (S), moderate (M), flat (F).

*4 Humidity: dry (D), wet (W).

Appendix 14

Analytical results of soil geochemical
samples in Area N

List of Geochemical Analysis (1)

Ser. No.	Sample No.	X-coord	Y-coord	Al %	Co ppm	Cr ppm	Fe %	Ni ppm
1	LN001	4685.450	1521.540	8.34	11	158	5.98	34
2	LN002	4685.450	1521.040	10.46	12	199	9.98	41
3	LN003	4685.950	1521.550	12.50	31	170	12.12	68
4	LN004	4686.000	1521.000	13.18	12	398	13.79	76
5	LN005	4685.700	1521.280	11.21	11	212	10.47	42
6	LN006	4687.580	1519.100	11.73	67	3137	21.55	1709
7	LN007	4687.380	1519.320	4.37	353	8986	40.91	4595
8	LN008	4687.800	1519.350	3.80	391	10214	40.82	6145
9	LN009	4687.780	1519.750	15.60	19	968	9.46	401
10	LN010	4688.220	1519.780	9.70	81	3426	21.68	2377
11	LN011	4688.030	1521.550	3.67	5	50	2.70	11
12	LN012	4688.010	1521.000	12.06	31	593	10.84	280
13	LN013	4688.300	1521.300	11.99	35	183	10.70	85
14	LN014	4688.400	1521.850	3.73	523	12437	41.97	6986
15	LN015	4688.530	1521.650	2.34	1046	11937	40.13	8354
16	LN016	4688.720	1521.950	2.66	778	12749	36.14	8393
17	LN017	4688.600	1520.950	1.44	409	5775	24.80	7746
18	LN018	4688.850	1521.890	.84	283	1895	14.38	4093
19	LN019	4688.980	1521.550	1.97	653	7522	38.27	13114
20	LN020	4688.970	1520.950	2.48	638	7231	36.07	5835
21	LN021	4689.230	1521.850	1.85	733	8155	32.51	6293
22	LN022	4689.470	1521.500	9.12	201	1293	11.03	540
23	LN023	4689.280	1521.200	2.84	531	7875	31.36	6936
24	LN024	4689.480	1520.950	4.61	481	12844	12.41	1249
25	LN025	4691.880	1520.950	7.04	13	650	5.33	93
26	LN026	4691.890	1520.520	7.19	237	9407	28.86	2295
27	LN027	4691.730	1519.950	3.44	429	5018	18.73	2284
28	LN028	4690.750	1519.320	5.08	357	8772	35.47	3771
29	LN029	4690.240	1519.270	5.64	458	6366	27.80	3361
30	LN030	4689.210	1519.250	7.40	40	553	5.98	408
31	LN031	4691.500	1520.800	11.63	54	233	13.83	291
32	LN032	4685.260	1520.230	8.77	15	184	6.58	41
33	LN033	4685.490	1520.540	7.72	73	3154	14.79	605
34	LN034	4685.530	1520.050	12.54	16	109	13.47	29
35	LN035	4685.720	1520.740	10.77	12	174	10.45	38
36	LN036	4686.020	1520.300	9.32	34	133	9.08	31
37	LN037	4686.980	1520.530	12.48	28	199	13.74	55
38	LN038	4685.980	1520.000	13.43	56	203	11.58	65
39	LN039	4689.000	1521.230	3.33	565	7135	38.61	5971
40	LN040	4686.550	1520.000	12.90	27	778	10.53	232
41	LN041	4689.250	1521.500	2.52	741	8280	40.87	10395
42	LN042	4687.000	1520.070	13.35	45	1175	13.34	394
43	LN043	4686.710	1521.600	12.33	65	2893	15.89	525
44	LN044	4687.550	1520.000	14.20	84	374	14.80	134
45	LN045	4688.010	1520.530	10.36	23	71	6.88	38
46	LN046	4688.000	1520.000	17.27	16	936	6.40	267
47	LN047	4688.240	1520.770	2.61	517	5559	33.49	8372
48	LN048	4688.300	1520.250	13.23	155	3985	22.23	2057
49	LN049	4688.530	1520.450	2.52	555	6792	39.90	10375
50	LN050	4688.480	1519.990	6.73	286	7330	38.88	5453

List of Geochemical Analysis (2)

Ser. No.	Sample No.	X-coord	Y-coord	Al %	Co ppm	Cr ppm	Fe %	Ni ppm
51	LN051	4688.800	1520.810	2.86	396	8325	39.65	6399
52	LN052	4688.980	1520.480	13.44	24	520	12.17	100
53	LN053	4689.020	1520.100	3.26	375	13357	43.73	6050
54	LN054	4689.270	1520.740	8.55	304	4061	15.37	1172
55	LN055	4689.520	1520.470	6.19	131	4048	14.81	725
56	LN056	4689.470	1520.020	7.86	439	9422	29.42	3924
57	LN057	4688.530	1520.700	3.17	619	9690	46.17	6144
58	LN058	4689.970	1519.930	13.57	36	593	17.13	179
59	LN059	4690.320	1520.220	13.42	42	2878	17.67	653
60	LN060	4690.540	1520.380	13.38	26	1557	14.05	268
61	LN061	4690.500	1519.970	13.14	42	1572	17.97	671
62	LN062	4690.770	1520.230	11.30	106	4046	24.19	1515
63	LN063	4691.000	1520.900	4.50	287	4868	20.42	4040
64	LN064	4690.980	1520.430	3.04	247	3677	13.61	3347
65	LN065	4691.450	1520.520	3.56	555	8630	19.20	3228
66	LN066	4691.430	1520.120	7.97	127	8292	33.91	2455
67	LN067	4685.530	1519.580	13.64	29	153	13.24	26
68	LN068	4685.930	1519.520	16.16	28	730	15.56	176
69	LN069	4686.540	1519.550	12.80	49	3051	16.65	555
70	LN070	4687.030	1519.530	15.91	28	673	13.70	173
71	LN071	4687.550	1519.620	9.40	225	7548	43.45	3299
72	LN072	4687.990	1519.580	4.86	398	8172	40.31	6072
73	LN073	4688.450	1519.650	12.83	100	3414	21.25	1221
74	LN074	4688.690	1519.700	14.37	106	6020	25.79	2130
75	LN075	4689.000	1519.550	6.11	230	8712	44.48	4304
76	LN076	4689.320	1519.650	6.46	477	7308	29.73	4347
77	LN077	4689.530	1519.420	7.70	33	1053	7.13	278
78	LN078	4689.740	1519.750	4.80	446	7316	42.13	3881
79	LN079	4689.980	1519.500	6.02	348	5266	25.60	3281
80	LN080	4690.250	1519.730	6.45	542	5137	25.28	2719
81	LN081	4690.450	1519.500	8.47	181	8994	39.72	2797
82	LN082	4690.770	1519.770	9.84	36	916	9.72	368
83	LN083	4691.020	1519.900	7.50	165	6785	34.61	2235
84	LN084	4690.980	1519.550	8.26	263	7956	38.07	3271
85	LN085	4691.550	1519.450	7.65	691	7169	33.65	3709

List of Geochemical Analysis(1)

Ser. No.	Sample No.	X-coord	Y-coord	Al %	Co ppm	Cr ppm	Fe %	Ni ppm
1	LN201	4686.450	1521.940	9.27	15	184	8.09	45
2	LN202	4685.450	1521.040	9.95	22	180	9.66	37
3	LN203	4685.950	1521.550	12.22	30	132	11.60	61
4	LN204	4686.000	1521.000	13.38	23	387	13.80	73
5	LN205	4685.700	1521.290	10.81	37	357	9.97	296
6	LN206	4687.530	1519.100	10.31	95	3307	20.46	2115
7	LN207	4687.330	1519.320	4.82	488	9107	41.15	4885
8	LN208	4687.800	1519.350	4.20	438	10466	40.62	6390
9	LN209	4687.780	1519.750	18.72	20	933	10.55	424
10	LN210	4688.220	1519.750	12.53	149	3395	24.87	2888
11	LN211	4688.030	1521.550	4.44	6	64	3.07	14
12	LN212	4688.010	1521.000	14.76	31	374	12.08	264
13	LN213	4688.300	1521.300	13.74	33	200	12.29	72
14	LN214	4688.400	1521.850	3.96	465	9963	39.25	6088
15	LN215	4688.530	1521.650	2.42	584	9585	35.16	8980
16	LN216	4688.720	1521.350	2.98	525	8077	36.74	8596
17	LN217	4688.600	1520.930	1.97	313	5499	26.76	6120
18	LN218	4688.850	1521.850	1.07	270	2247	16.40	4100
19	LN219	4688.980	1521.550	2.61	666	4929	32.55	11859
20	LN220	4688.970	1520.990	2.61	515	6066	35.73	7955
21	LN221	4689.230	1521.850	1.29	478	3704	23.13	7531
22	LN222	4689.470	1521.500	9.93	145	1429	9.19	985
23	LN223	4689.280	1521.200	3.40	546	7483	33.04	6994
24	LN224	4689.490	1520.950	10.40	277	2279	17.42	1155
25	LN225	4691.880	1520.950	11.43	28	767	8.33	300
26	LN226	4691.890	1520.520	8.60	363	8973	31.40	2442
27	LN227	4691.730	1519.950	4.54	392	4519	22.82	3664
28	LN228	4690.750	1519.320	7.61	261	8956	39.85	3548
29	LN229	4690.240	1519.270	5.88	362	6054	24.83	3542
30	LN230	4689.210	1519.250	6.68	305	3235	14.57	3352
31	LN231	4691.500	1520.800	13.11	65	135	13.55	260
32	LN232	4685.260	1520.230	9.45	19	176	8.80	42
33	LN233	4685.490	1520.540	9.05	379	4450	19.70	1328
34	LN234	4685.530	1520.050	14.41	15	106	15.19	31
35	LN235	4685.720	1520.740	13.52	15	191	12.55	59
36	LN236	4685.720	1520.300	9.84	22	200	5.80	32
37	LN237	4686.020	1520.530	13.35	35	128	10.90	88
38	LN238	4685.980	1520.000	14.10	33	156	11.82	56
39	LN239	4689.000	1521.230	3.13	733	8427	36.56	9083
40	LN240	4686.550	1520.000	12.45	27	743	11.51	238
41	LN241	4689.250	1521.500	1.62	539	6150	29.87	14497
42	LN242	4687.000	1520.070	11.67	44	1088	11.25	394
43	LN243	4688.710	1521.600	3.26	600	11876	43.29	6650
44	LN244	4687.550	1520.000	13.43	38	114	10.88	53
45	LN245	4688.010	1520.530	10.07	22	40	6.37	30
46	LN246	4688.000	1520.000	18.27	16	832	7.36	278
47	LN247	4688.240	1520.770	2.14	520	6770	27.16	8501
48	LN248	4688.300	1520.250	15.38	142	2353	18.23	1822
49	LN249	4688.530	1520.450	2.11	433	6068	30.64	11253
50	LN250	4688.480	1519.990	7.99	200	5038	32.03	4451

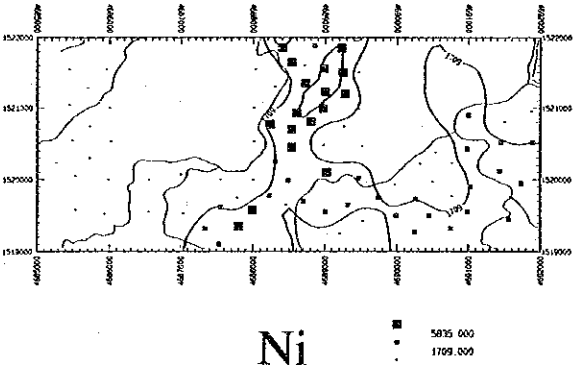
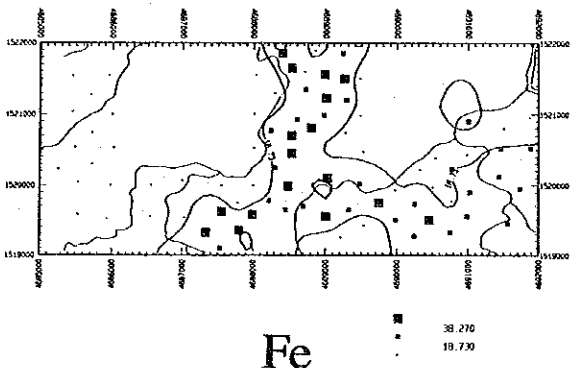
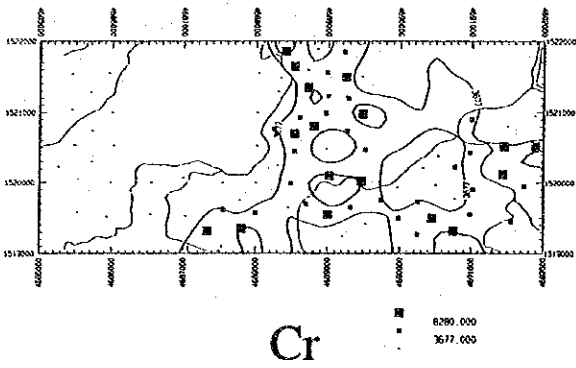
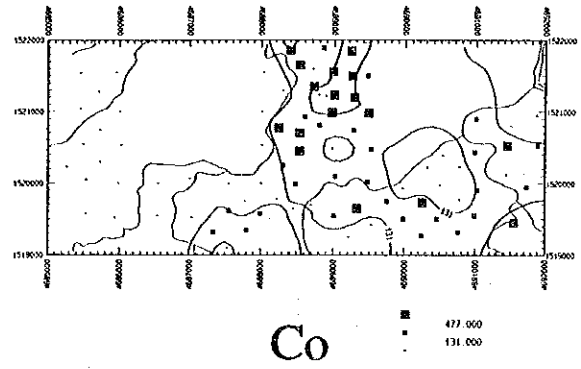
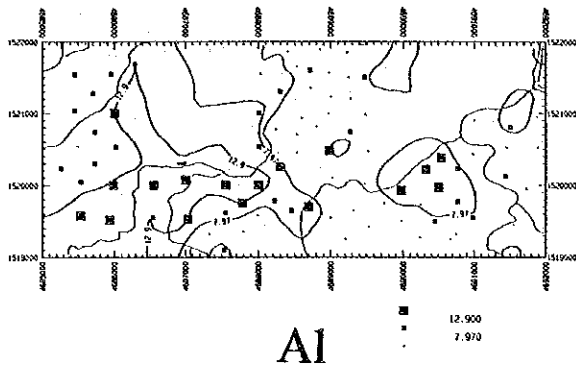
List of Geochemical Analysis (2)

Ser. No.	Sample No.	X-coord	Y-coord	Location (km)	Al %	Co ppm	Cr ppm	Fe %	Ni ppm
51	LN251	4888.800	1520.810		2.72	747	8324	37.05	8898
52	LN252	4888.980	1520.480		11.11	27	547	12.53	97
53	LN253	4889.020	1520.100		14.22	84	2684	17.28	482
54	LN254	4889.270	1520.740		7.92	493	7926	19.11	2231
55	LN255	4889.520	1520.470		7.48	349	5605	16.41	848
56	LN256	4889.470	1520.020		9.88	373	5736	24.01	2337
57	LN257	4888.530	1520.700		1.94	804	5215	38.07	10449
58	LN258	4889.970	1519.930		14.32	198	178	15.64	98
59	LN259	4890.320	1520.220		15.08	41	2784	19.52	683
60	LN260	4890.540	1520.380		13.52	24	1452	12.60	274
61	LN261	4890.500	1519.970		13.67	49	1680	19.98	814
62	LN262	4890.770	1520.230		12.57	181	4205	27.16	1813
63	LN263	4891.000	1520.900		4.37	353	5614	18.93	5298
64	LN264	4890.980	1520.430		3.07	260	3861	14.47	3779
65	LN265	4891.450	1520.520		5.01	594	10119	32.28	4595
66	LN266	4891.430	1520.120		7.68	144	7959	35.02	2572
67	LN267	4885.530	1519.580		13.91	31	165	13.60	29
68	LN268	4885.930	1519.520		15.82	35	870	16.45	228
69	LN269	4886.540	1519.550		13.05	52	2842	18.33	602
70	LN270	4887.030	1519.530		15.17	33	318	13.21	99
71	LN271	4887.550	1519.620		7.50	252	9213	35.31	3439
72	LN272	4887.990	1519.580		4.82	561	10466	40.46	9305
73	LN273	4888.450	1519.650		10.30	120	6052	23.14	1788
74	LN274	4888.690	1519.700		13.79	97	6297	26.04	2178
75	LN275	4889.000	1519.550		5.15	271	9664	40.34	4810
76	LN276	4889.320	1519.650		6.88	632	8097	36.28	4862
77	LN277	4889.530	1519.420		8.19	46	1363	9.52	395
78	LN278	4889.740	1519.750		3.15	997	6420	39.02	6945
79	LN279	4889.980	1519.500		4.99	426	6798	23.96	5048
80	LN280	4890.250	1519.730		5.96	606	6800	27.37	3426
81	LN281	4890.450	1519.500		7.31	222	10396	38.09	3333
82	LN282	4890.770	1519.770		9.08	29	413	6.39	207
83	LN283	4891.020	1519.900		6.48	667	9052	36.67	3827
84	LN284	4890.980	1519.550		7.28	389	8472	38.16	3859
85	LN285	4891.550	1519.450		5.61	499	7521	27.15	5400

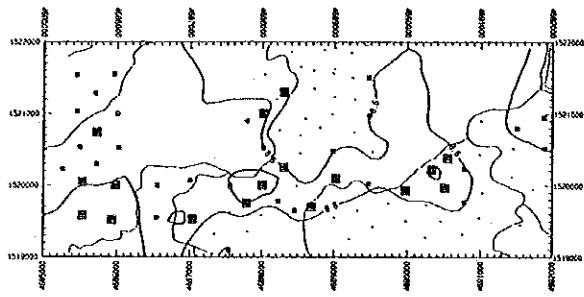
Appendix 15

Distribution map of elements in Area N

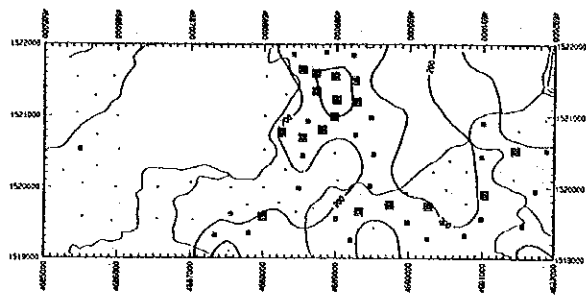
Soil 50cm



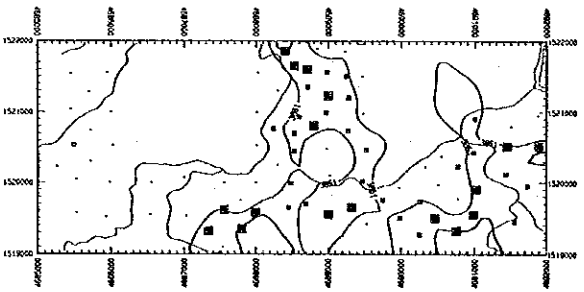
Soil 150cm



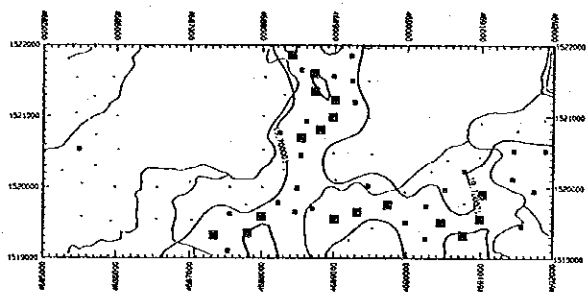
Al 13.520
8.650



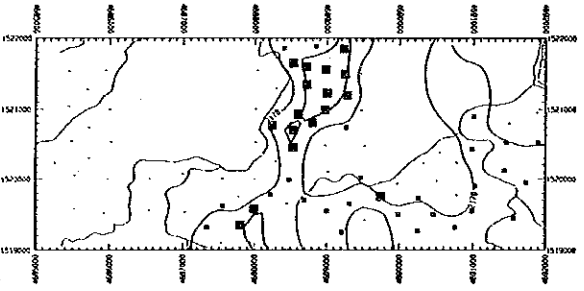
Co 515.000
200.000



Cr 8097.000
3861.000



Fe 35.730
19.700



Ni 6120.000
2178.000

Appendix 16

List of stream sediment geochemical samples in Area P

Ser. No.	Sample No.	Coordinates		Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
		N	E								
1	LP501	1516.91	4686.36	S. Wasai	gabbro	Gb	2	5.0	3	1	B.
2	LP502	1516.63	4686.43	S. Wasai	gabbro	Gb	2	5.0	4	1	B.
3	LP503	1516.42	4686.52	S. Wasai	————	Gb	2	5.0	4	1	B.
4	LP504	1516.38	4686.76	S. Wasai	————	Gb	2	4.0	4	1	B.
5	LP505	1516.33	4687.28	S. Wasai	————	Gb	1	3.5	4	1	B.
6	LP506	1516.14	4687.40	S. Wasai	————	Gb	1	3.0	4	1	B.
7	LP507	1515.92	4687.49	S. Wasai	————	Gb	1	1.5	4	1	B.
8	LP508	1516.25	4686.72	S. Wasai	dolerite	Gb	1	1.5	4	1	B.
9	LP509	1516.43	4687.35	S. Wasai	————	Gb	1	3.5	3	1	B.
10	LP510	1516.53	4687.59	S. Wasai	————	Gb	1	2.0	4	1	B.
11	LP511	1514.93	4686.06	S. Walitanah	dolerite	Gb	2	5.0	3	1	B.
12	LP512	1515.21	4686.44	S. Walitanah	dolerite	Gb	2	3.5	4	1	B.
13	LP513	1515.48	4686.73	S. Walitanah	gabbro	Gb	1	1.5	4	1	B.
14	LP514	1515.09	4686.46	S. Walitanah	dolerite	Gb	1	1.0	2	1	B.
15	LP515	1515.34	4686.76	S. Walitanah	gabbro	Gb	1	2.5	4	1	B.
16	LP516	1514.35	4686.20	S. Walitanah	dolerite	Gb	1	3.0	3	1	B.
17	LP517	1514.58	4686.39	S. Walitanah	————	Gb	1	2.0	4	1	B.
18	LP518	1514.62	4686.69	S. Walitanah	————	Gb	1	1.0	4	1	B.
19	LP519	1514.23	4686.20	S. Walitanah	dolerite	Gb	1	3.0	4	1	B.
20	LP520	1514.08	4686.43	S. Walitanah	dolerite	Gb	1	3.0	4	1	B.
21	LP521	1513.93	4686.64	S. Walitanah	————	Gb	1	1.5	4	1	B.
22	LP522	1513.82	4686.07	S. Walitanah	basalt	Gb	1	3.5	3	1	B.
23	LP523	1513.56	4686.22	S. Walitanah	————	Gb	1	2.5	4	1	B.
24	LP524	1513.37	4686.42	S. Walitanah	peridotite	Pr	1	2.0	4	1	B.
25	LP525	1513.00	4686.09	S. Walitanah	————	Pr	1	2.5	3	1	B.
26	LP526	1512.77	4686.34	S. Walitanah	peridotite	Pr	1	1.0	4	1	B.
27	LP527	1516.70	4690.90	S. Mailo	peridotite	Pr	4	15.0	2	3	B.
28	LP528	1516.45	4690.82	S. Mailo	peridotite	Pr	4	20.0	4	1	R.B.
29	LP529	1516.09	4690.61	S. Mailo	peridotite	Pr	3	8.0	3	3	R.B.
30	LP530	1515.89	4690.39	S. Mailo	peridotite	Pr	3	10.0	3	2	R.B.
31	LP531	1515.65	4690.25	S. Mailo	peridotite	Pr	3	7.0	3	3	R.B.
32	LP532	1515.36	4689.95	S. Mailo	peridotite	Pr	3	10.0	4	3	R.B.
33	LP533	1515.22	4689.49	S. Mailo	peridotite	Pr	3	1.0	4	4	B.
34	LP534	1515.19	4689.31	S. Mailo	peridotite	Pr	3	1.0	3	4	B.
35	LP535	1514.98	4689.06	S. Mailo	peridotite	Pr	3	3.5	4	3	D.B.
36	LP536	1514.89	4688.89	S. Mailo	peridotite	Pr	2	4.0	4	1	D.B.
37	LP537	1514.74	4688.72	S. Mailo	peridotite	Pr	2	2.5	4	1	D.B.
38	LP538	1514.27	4688.28	S. Mailo	peridotite	Pr	2	2.5	4	1	D.B.
39	LP539	1514.04	4687.96	S. Mailo	————	Pr	2	5.0	4	1	B.
40	LP540	1513.45	4687.56	S. Mailo	————	Pr	2	4.0	4	1	B.
41	LP541	1513.16	4687.60	S. Mailo	————	Pr	2	4.0	4	2	B.
42	LP542	1512.96	4687.65	S. Mailo	————	Pr	2	4.0	4	2	B.
43	LP543	1512.60	4687.78	S. Mailo	————	Pr	2	3.0	4	2	B.
44	LP544	1512.40	4687.92	S. Mailo	————	Pr	2	2.0	4	2	B.
45	LP545	1512.26	4688.08	S. Mailo	————	Pr	1	1.5	4	1	B.
46	LP546	1511.84	4688.10	S. Mailo	————	Pr	1	3.0	4	1	B.
47	LP547	1516.12	4690.12	S. Mailo	peridotite	Pr	2	3.5	4	3	R.B.
48	LP548	1516.28	4690.02	S. Mailo	peridotite	Pr	2	2.5	4	1	B.
49	LP549	1516.78	4689.44	S. Mailo	peridotite	Pr	2	3.5	4	2	B.
50	LP550	1516.46	4689.70	S. Mailo	peridotite	Pr	1	3.5	4	4	R.B.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)

*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Ser. No.	Sample No.	Coordinates		Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
		N	E								
51	LP551	1516.35	4689.93	S. Mailo	peridotite	Pr	1	2.0	4	4	R.B.
52	LP552	1516.92	4689.15	S. Mailo	peridotite	Pr	1	2.0	4	2	R.B.
53	LP553	1516.35	4689.78	S. Mailo	peridotite	Pr	1	1.5	4	3	R.B.
54	LP554	1516.40	4689.25	S. Mailo	peridotite	Pr	1	3.0	3	4	R.B.
55	LP555	1515.41	4689.72	S. Mailo	peridotite	Pr	1	1.0	3	4	B.
56	LP556	1515.22	4690.18	S. Mailo	peridotite	Pr	2	3.5	4	3	R.B.
57	LP557	1514.80	4690.27	S. Mailo	peridotite	Pr	2	4.0	4	1	D.B.
58	LP558	1514.56	4690.26	S. Mailo	peridotite	Pr	2	5.0	4	2	B.
59	LP559	1514.13	4690.14	S. Mailo	peridotite	Pr	2	3.5	4	2	B.
50	LP560	1513.93	4690.06	S. Mailo	peridotite	Pr	1	2.5	4	1	B.
61	LP561	1513.70	4689.88	S. Mailo	peridotite	Pr	1	4.0	4	2	B.
62	LP562	1514.64	4690.38	S. Mailo	peridotite	Pr	1	1.5	4	1	B.
63	LP563	1514.19	4690.06	S. Mailo	peridotite	Pr	1	1.0	4	3	B.
64	LP564	1513.99	4690.16	S. Mailo	peridotite	Pr	1	2.0	4	3	B.
65	LP565	1515.81	4690.27	S. Mailo	peridotite	Pr	1	1.5	4	4	R.B.
66	LP566	1515.32	4689.04	S. Mailo	peridotite	Pr	1	2.0	3	3	D.B.
67	LP567	1515.49	4688.87	S. Mailo	peridotite	Pr	1	1.5	4	3	D.B.
68	LP568	1515.72	4688.69	S. Mailo	peridotite	Pr	1	2.0	4	3	D.B.
69	LP569	1515.97	4688.58	S. Mailo	peridotite	Pr	1	2.0	4	3	D.B.
70	LP570	1515.26	4688.97	S. Mailo	peridotite	Pr	1	1.0	3	3	D.B.
71	LP571	1515.31	4688.69	S. Mailo	peridotite	Pr	1	1.0	3	3	D.B.
72	LP572	1515.42	4688.47	S. Mailo	peridotite	Pr	1	1.0	3	3	D.B.
73	LP573	1514.62	4689.13	S. Mailo	peridotite	Pr	2	3.0	4	1	D.B.
74	LP574	1514.31	4689.11	S. Mailo	peridotite	Pr	2	3.0	4	1	D.B.
75	LP575	1514.03	4689.07	S. Mailo	serpentinite	Pr	2	5.0	4	1	D.B.
76	LP576	1513.77	4688.95	S. Mailo	peridotite	Pr	2	3.5	4	1	D.B.
77	LP577	1513.51	4688.97	S. Mailo	peridotite	Pr	2	3.0	4	1	D.B.
78	LP578	1513.23	4689.11	S. Mailo	peridotite	Pr	1	1.0	4	1	D.B.
79	LP579	1513.17	4688.96	S. Mailo	peridotite	Pr	1	2.0	4	1	D.B.
80	LP580	1514.67	4688.42	S. Mailo	peridotite	Pr	1	1.5	4	3	D.B.
81	LP581	1514.71	4688.15	S. Mailo	serpentinite	Pr	1	2.0	3	3	D.B.
82	LP582	1514.78	4687.89	S. Mailo	serpentinite	Pr	1	1.0	3	3	D.B.
83	LP583	1514.51	4688.16	S. Mailo	peridotite	Pr	1	2.5	4	3	D.B.
84	LP584	1514.57	4687.84	S. Mailo	peridotite	Pr	1	2.0	3	3	D.B.
85	LP585	1514.52	4687.55	S. Mailo	peridotite	Pr	1	1.5	3	3	D.B.
86	LP586	1514.03	4688.10	S. Mailo	————	Pr	1	1.0	4	2	B.
87	LP587	1513.92	4687.45	S. Mailo	————	Pr	1	3.0	4	3	B.
88	LP588	1516.35	4690.67	S. Mailo	peridotite	Pr	1	0.5	4	4	B.
89	LP589	1513.50	4687.87	S. Mailo	————	Pr	1	1.0	4	1	B.
90	LP590	1513.28	4687.94	S. Mailo	————	Pr	1	1.5	4	1	B.
91	LP591	1513.10	4688.10	S. Mailo	————	Pr	1	1.5	4	1	B.
92	LP592	1513.21	4687.50	S. Mailo	————	Pr	2	3.0	4	1	B.
93	LP593	1512.96	4687.36	S. Mailo	————	Pr	2	3.0	4	1	B.
94	LP594	1512.76	4687.17	S. Mailo	————	Pr	2	3.0	4	2	B.
95	LP595	1512.48	4686.93	S. Mailo	————	Pr	1	2.5	4	1	B.
96	LP596	1513.17	4687.36	S. Mailo	————	Pr	1	1.0	4	1	B.
97	LP597	1512.66	4687.66	S. Mailo	————	Pr	1	4.0	4	2	B.
98	LP598	1512.37	4687.56	S. Mailo	————	Pr	1	4.0	4	2	B.
99	LP599	1512.14	4687.35	S. Mailo	————	Pr	2	3.0	4	2	B.
100	LP600	1512.16	4687.92	S. Mailo	————	Pr	1	2.0	4	1	B.

*1: none (0), puddle (1), slow (2), moderate (3), fast (4)

*2: coarse grained (1), medium grained (2), fine grained (3), clayey (4)

Ser. No.	Sample No.	Coordinates		Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
		N	E								
101	LP601	1511.92	4687.81	S. Mailo	—	Pr	1	1.5	4	1	B.
102	LP602	1511.86	4687.89	S. Mailo	—	Pr	1	2.0	4	1	B.
103	LP603	1512.08	4688.08	S. Mailo	—	Pr	1	1.5	4	1	B.
104	LP604	1512.07	4688.43	S. Mailo	—	Pr	1	1.5	4	1	B.
105	LP605	1511.89	4688.18	S. Mailo	—	Pr	1	1.5	4	1	B.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)

*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Appendix 17

Analytical results of stream sediment
geochemical samples in Area P

List of Geochemical Analysis(1)

Ser. Sample No.	Location (km)	Al %	Co ppm	Cr ppm	Fe %	Ni ppm
1 LP501	4686.360 1516.910	5.94	226	23992	11.12	1938
2 LP502	4686.430 1516.630	12.69	131	11112	9.01	1112
3 LP503	4686.520 1516.420	4.86	228	20837	11.55	2210
4 LP504	4686.760 1516.380	4.73	209	36606	10.46	1825
5 LP505	4687.280 1516.330	5.14	235	19485	10.84	2225
6 LP506	4687.400 1516.140	5.46	275	18515	12.15	2604
7 LP507	4687.490 1515.920	4.66	261	14212	11.80	2583
8 LP508	4686.720 1516.250	15.02	66	3358	7.19	310
9 LP509	4687.350 1516.430	3.45	266	12529	13.52	3556
10 LP510	4687.590 1516.530	3.19	186	13255	10.77	2570
11 LP511	4686.060 1514.930	8.78	191	23164	12.20	1363
12 LP512	4686.440 1515.210	6.61	447	24258	19.29	3511
13 LP513	4686.730 1515.480	7.85	145	20579	9.89	1632
14 LP514	4686.460 1515.090	7.82	64	6818	8.10	232
15 LP515	4686.760 1515.340	4.93	573	34238	24.06	3692
16 LP516	4686.200 1514.350	6.25	133	41278	10.57	1181
17 LP517	4686.390 1514.580	7.28	137	19814	10.91	1463
18 LP518	4686.690 1514.620	10.12	76	1765	11.92	54
19 LP519	4686.200 1514.230	12.51	120	23565	11.26	945
20 LP520	4686.430 1514.080	6.60	147	39927	11.01	1637
21 LP521	4686.640 1513.930	5.17	146	35576	10.75	2076
22 LP522	4686.070 1513.820	3.08	174	14914	12.73	2973
23 LP523	4686.220 1513.560	1.67	192	25810	12.13	2537
24 LP524	4686.420 1513.370	1.46	214	24149	12.15	3016
25 LP525	4686.090 1513.000	2.74	98	5212	8.10	1657
26 LP526	4686.340 1512.770	3.01	115	10364	8.58	2073
27 LP527	4690.900 1516.700	3.16	200	34013	9.99	2042
28 LP528	4690.820 1516.450	3.47	167	15179	9.05	1548
29 LP529	4690.610 1516.090	5.18	200	32148	10.53	1807
30 LP530	4690.390 1515.890	8.59	196	65549	9.79	1356
31 LP531	4690.250 1515.650	5.58	201	28958	11.04	2133
32 LP532	4689.950 1515.360	5.54	229	32805	11.73	2036
33 LP533	4689.490 1515.220	4.64	506	41466	24.67	3516
34 LP534	4689.310 1515.190	3.74	466	32154	26.28	5731
35 LP535	4689.060 1514.980	6.36	316	22363	14.31	1992
36 LP536	4688.890 1514.890	1.38	224	16531	11.83	2757
37 LP537	4688.720 1514.740	1.24	205	17135	11.20	2617
38 LP538	4688.280 1514.270	1.20	192	20667	10.28	2513
39 LP539	4687.960 1514.040	1.75	271	24474	14.56	2744
40 LP540	4687.560 1513.450	1.30	251	14663	12.97	3434
41 LP541	4687.600 1513.160	1.43	204	26806	10.51	2413
42 LP542	4687.650 1512.960	1.87	224	42291	10.82	2211
43 LP543	4687.750 1512.600	1.48	174	29678	10.24	2515
44 LP544	4687.920 1512.400	1.63	207	30784	11.41	2832
45 LP545	4688.050 1512.260	3.49	254	73525	12.06	2057
46 LP546	4688.100 1511.840	1.19	197	17934	10.09	2614
47 LP547	4690.120 1516.120	7.32	345	35307	19.44	3024
48 LP548	4690.020 1516.280	6.27	223	39450	11.73	2045
49 LP549	4689.440 1516.780	6.15	202	36839	11.47	1747
50 LP550	4689.700 1516.460	7.16	399	33869	19.04	2259

List of Geochemical Analysis (2)

Ser. No.	Sample No.	X-coord	Y-coord	Location (km)	Al %	Co ppm	Cr ppm	Fe %	Ni ppm
51	LP551	4689.930	1516.350		7.52	328	35064	15.23	1979
52	LP552	4689.150	1516.920		9.20	317	39843	16.12	2677
53	LP553	4689.780	1516.350		8.92	253	57769	12.81	2277
54	LP554	4689.250	1516.400		9.95	306	61980	14.55	3037
55	LP555	4689.720	1515.410		5.03	851	47909	34.86	4577
56	LP556	4690.180	1515.220		1.96	154	15855	8.66	2379
57	LP557	4690.270	1514.800		3.44	192	36483	10.09	2294
58	LP558	4690.260	1514.560		4.58	199	50319	10.66	1967
59	LP559	4690.140	1514.130		2.96	187	17551	10.62	2910
60	LP560	4690.060	1513.980		3.48	173	25734	9.68	2049
61	LP561	4689.880	1513.700		1.78	187	31745	10.94	2216
62	LP562	4690.380	1514.640		1.30	188	17955	10.41	2441
63	LP563	4690.060	1514.190		1.64	209	27021	11.72	2510
64	LP564	4690.160	1513.990		2.10	208	43867	11.72	2494
65	LP565	4690.270	1515.810		1.74	232	28092	12.08	2878
66	LP566	4689.040	1515.320		2.17	195	51062	10.60	2056
67	LP567	4688.870	1515.490		4.63	226	44476	12.55	2414
68	LP568	4688.690	1515.720		7.98	225	39373	11.65	1943
69	LP569	4688.580	1515.970		6.61	449	44130	18.83	4878
70	LP570	4688.970	1515.260		5.39	320	21063	19.55	4428
71	LP571	4688.690	1515.310		8.42	412	61735	20.66	2670
72	LP572	4688.470	1515.420		6.04	251	19026	13.32	2283
73	LP573	4689.130	1514.620		7.16	217	33152	12.94	1644
74	LP574	4689.110	1514.310		6.80	208	23794	12.91	1769
75	LP575	4689.070	1514.030		7.89	181	37911	10.89	1644
76	LP576	4688.950	1513.770		5.86	343	15116	13.94	3108
77	LP577	4688.970	1513.510		5.48	400	11160	16.89	3981
78	LP578	4689.110	1513.230		5.05	437	9825	16.18	3657
79	LP579	4688.960	1513.170		3.56	246	33525	12.46	2301
80	LP580	4688.420	1514.670		3.55	259	35768	12.36	2443
81	LP581	4688.150	1514.710		4.83	223	52779	12.18	1858
82	LP582	4687.890	1514.780		4.02	316	28744	17.40	3618
83	LP583	4688.160	1514.510		4.94	377	40950	14.89	2858
84	LP584	4687.840	1514.570		4.19	337	23592	14.42	3105
85	LP585	4687.550	1514.520		2.83	333	21589	14.96	4349
86	LP586	4688.100	1514.030		10.45	343	45398	17.69	2238
87	LP587	4687.450	1513.920		9.02	357	31286	18.67	2550
88	LP588	4690.670	1516.360		8.46	415	20954	21.76	3343
89	LP589	4687.870	1513.500		7.46	258	40951	13.80	1582
90	LP590	4687.940	1513.280		7.51	269	26316	13.76	1741
91	LP591	4688.100	1513.100		9.73	242	47541	12.31	1486
92	LP592	4687.500	1513.210		7.01	247	68432	13.89	1767
93	LP593	4687.360	1512.960		4.12	416	81013	22.99	4136
94	LP594	4687.170	1512.760		9.69	217	27453	12.85	2325
95	LP595	4686.930	1512.480		5.22	394	65826	21.62	4185
96	LP596	4687.360	1513.170		5.28	368	86844	19.94	3475
97	LP597	4687.660	1512.660		5.14	453	72420	24.28	4994
98	LP598	4687.560	1512.370		2.59	330	41398	18.56	3014
99	LP599	4687.350	1512.140		2.32	261	43342	16.31	2553
100	LP600	4687.920	1512.160		1.90	260	37803	17.40	2199

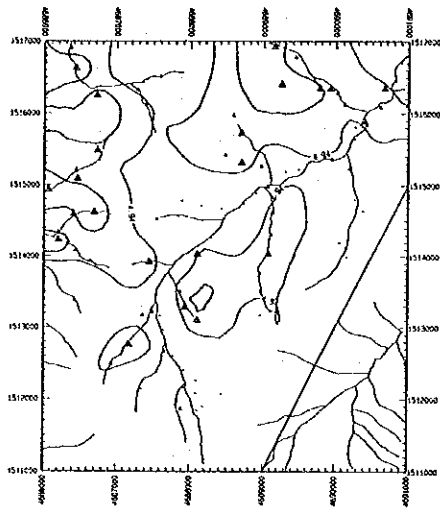
List of Geochemical Analysis (3)

Ser. No.	Sample No.	Location (km)		Al %	Co ppm	Cr ppm	Fe %	Ni ppm
		X-coord	Y-coord					
101	LP601	4687.810	1511.920	3.61	238	92413	15.22	1585
102	LP602	4687.890	1511.860	5.26	378	107352	20.20	2373
103	LP603	4688.080	1512.080	2.76	254	56741	13.69	2501
104	LP604	4688.430	1512.070	2.02	249	36169	13.51	2465
105	LP605	4688.180	1511.890	1.44	230	20994	12.63	3081

Appendix 18

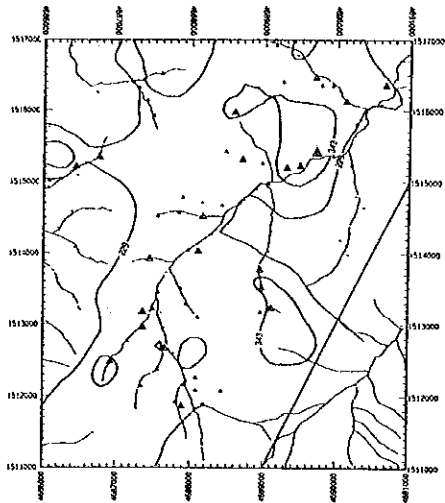
Distribution map of elements in Area P

Stream Sediments



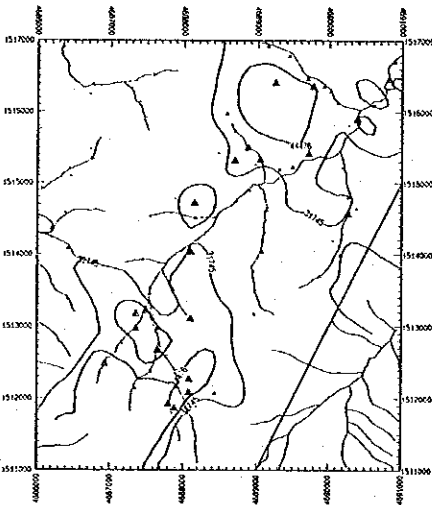
Al

▲ 7.510
● 4.950



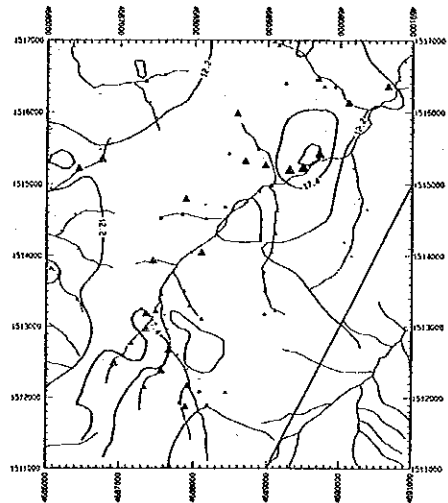
Co

▲ 667.000
▲ 343.000
● 229.000



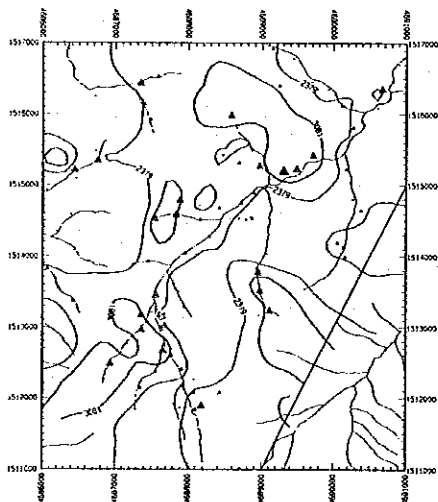
Cr

▲ 44475.000
● 31745.000



Fe

▲ 24.320
▲ 17.420
● 12.200



Ni

▲ 5399.000
▲ 3781.000
● 2379.000

Appendix 19

List of soil geochemical samples in Area Q

Area: Middle Stream of S. Karamuak (Area Q)

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E										
1	LQ001	1505.50	4682.82	S. Karamuak	peridotite	Pr	30	B.	R	S	S	D	primary forest
2	LQ002	1505.29	4683.10	S. Karamuak	peridotite	Pr	35	D.B.	F	S	S	D	primary forest
3	LQ003	1505.17	4783.69	S. Karamuak	peridotite	Pr	30	D.B.	R	S	S	W	primary forest
4	LQ004	1504.80	4682.48	S. Karamuak	peridotite	Pr	30	D.B.	R	C	M	W	primary forest
5	LQ005	1504.16	4682.38	S. Karamuak	peridotite	Pr	40	D.B.	R	C	F	W	secondary forest
6	LQ006	1504.52	4682.96	S. Karamuak	—	Pr	30	D.B.	R	C	M	W	primary forest
7	LQ007	1504.45	4683.57	S. Karamuak	—	Pr	35	D.B.	R	C	M	W	primary forest
8	LQ008	1504.38	4683.98	S. Karamuak	—	Pr	30	D.B.	R	C	S	W	primary forest
9	LQ009	1504.57	4684.60	S. Karamuak	—	Pr	35	D.B.	R	C	M	W	primary forest
10	LQ010	1504.03	4684.33	S. Karamuak	—	Pr	30	D.B.	R	C	F	W	secondary forest
11	LQ011	1504.04	4684.73	S. Karamuak	—	Pr	30	D.B.	R	C	F	W	secondary forest
12	LQ012	1504.41	4685.59	S. Karamuak	—	Pr	30	D.B.	M	C	F	W	secondary forest
13	LQ013	1504.05	4685.47	S. Karamuak	—	Pr	20	D.B.	R	C	F	W	secondary forest
14	LQ014	1503.90	4682.88	S. Karamuak	peridotite	Pr	40	D.B.	R	C	F	W	secondary forest
15	LQ015	1503.58	4683.35	S. Karamuak	peridotite	Pr	40	D.B.	R	C	S	W	secondary forest
16	LQ016	1503.32	4683.69	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
17	LQ017	1503.72	4683.96	S. Karamuak	—	Pr	25	D.B.	R	C	F	W	secondary forest
18	LQ018	1503.28	4684.17	S. Karamuak	peridotite	Pr	30	B.	F	C	S	W	secondary forest
19	LQ019	1503.42	4684.60	S. Karamuak	peridotite	Pr	30	D.B.	R	C	S	W	secondary forest
20	LQ020	1503.78	4685.14	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
21	LQ021	1503.33	4685.73	S. Karamuak	—	Pr	30	D.B.	F	C	F	W	primary forest
22	LQ022	1503.57	4686.37	S. Karamuak	—	Pr	30	D.B.	R	C	F	W	primary forest
23	LQ023	1503.18	4686.36	S. Karamuak	—	Pr	30	D.B.	R	C	M	W	primary forest
24	LQ024	1503.59	4686.95	S. Karamuak	laterite	Pr	25	D.B.	M	S	F	W	primary forest
25	LQ025	1503.38	4687.16	S. Karamuak	laterite	Pr	10	D.B.	M	S	F	W	primary forest
26	LQ026	1502.33	4682.44	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
27	LQ027	1502.75	4682.88	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
28	LQ028	1502.97	4683.20	S. Karamuak	peridotite	Pr	40	D.B.	R	C	F	W	secondary forest
29	LQ029	1502.34	4683.18	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
30	LQ030	1502.79	4683.65	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)

*2Grain size: Sandy (S), Clayey (C)

*3Topography: Steep (S), Moderate (M), Flat (F)

*4Humidity: Dry (D), Wet (W)

Area: Middle Stream of S. Karamuak (Area Q)

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E										
31	LQ031	1502.13	4683.77	S. Karamuak	—	Pr	40	D.B.	R	C	M	W	secondary forest
32	LQ032	1502.75	4684.02	S. Karamuak	peridotite	Pr	30	B.	F	C	M	W	secondary forest
33	LQ033	1502.93	4684.39	S. Karamuak	peridotite	Pr	30	D.B.	F	C	S	W	secondary forest
34	LQ034	1502.62	4684.36	S. Karamuak	peridotite	Pr	30	D.B.	F	C	M	W	secondary forest
35	LQ035	1502.20	4684.36	S. Karamuak	—	Pr	30	D.B.	R	C	S	W	secondary forest
36	LQ036	1502.00	4684.75	S. Karamuak	—	Pr	40	D.B.	R	C	M	W	primary forest
37	LQ037	1502.88	4684.95	S. Karamuak	—	Pr	30	D.B.	R	C	S	W	primary forest
38	LQ038	1502.47	4685.12	S. Karamuak	peridotite	Pr	35	D.B.	R	C	M	W	primary forest
39	LQ039	1502.77	4685.48	S. Karamuak	—	Pr	30	D.B.	R	C	S	W	primary forest
40	LQ040	1501.95	4685.28	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	primary forest
41	LQ041	1502.20	4685.95	S. Karamuak	—	Pr	30	D.B.	R	C	M	W	primary forest
42	LQ042	1502.08	4686.62	S. Karamuak	—	Pr	30	D.B.	R	C	M	W	primary forest
43	LQ043	1502.95	4687.00	S. Karamuak	—	Pr	10	D.B.	M	S	F	W	primary forest
44	LQ044	1501.95	4682.65	S. Karamuak	—	Pr	30	D.B.	R	C	F	W	secondary forest
45	LQ045	1501.63	4683.32	S. Karamuak	—	Pr	30	R.B.	R	C	M	W	secondary forest
46	LQ046	1501.40	4683.40	S. Karamuak	—	Pr	30	R.B.	R	C	M	W	secondary forest
47	LQ047	1501.34	4683.94	S. Karamuak	—	Pr	30	D.B.	R	C	M	W	secondary forest
48	LQ048	1501.73	4684.17	S. Karamuak	—	Pr	30	B.	R	C	S	W	secondary forest
49	LQ049	1501.73	4684.52	S. Karamuak	—	Pr	20	B.	R	C	M	W	secondary forest
50	LQ050	1501.50	4684.75	S. Karamuak	—	Pr	40	D.B.	F	C	F	W	secondary forest
51	LQ051	1501.11	4684.88	S. Karamuak	—	Pr	30	D.B.	R	C	F	W	secondary forest
52	LQ052	1501.66	4685.50	S. Karamuak	—	Pr	35	D.B.	R	C	F	W	secondary forest
53	LQ053	1501.54	4686.27	S. Karamuak	peridotite	Pr	30	R.B.	R	C	M	W	secondary forest
54	LQ054	1501.57	4686.94	S. Karamuak	peridotite	Pr	20	D.B.	M	S	S	W	secondary forest
55	LQ055	1501.05	4686.85	S. Karamuak	—	Pr	30	B.	R	C	M	W	secondary forest
56	LQ056	1501.38	4687.50	S. Karamuak	peridotite	Pr	30	D.B.	R	C	S	W	secondary forest
57	LQ057	1500.93	4683.50	S. Karamuak	—	Pr	20	B.	R	C	M	W	secondary forest
58	LQ058	1500.52	4683.70	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
59	LQ059	1500.80	4684.08	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
60	LQ060	1500.95	4684.42	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R) *2Grain size: Sandy (S), Clayey (C)

*3Topography: Steep (S), Moderate (M), Flat (F)

*4Humidity: Dry (D), Wet (W)

Area: Middle Stream of S. Karamuak (Area Q)

Ser. No.	Sample No.	Coordinates		1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegetation
		N	E										
61	LQ061	1500.50	4684.73	S. Karamuak	—	Pr	40	R.B.	R	C	M	W	secondary forest
62	LQ062	1500.72	4685.28	S. Karamuak	peridotite	Pr	20	D.B.	M	C	M	W	secondary forest
63	LQ063	1500.18	4685.47	S. Karamuak	—	Pr	25	R.B.	R	C	M	W	secondary forest
64	LQ064	1500.90	4685.82	S. Karamuak	peridotite	Pr	25	D.B.	M	C	M	W	secondary forest
65	LQ065	1500.63	4686.07	S. Karamuak	—	Pr	30	B.	R	C	M	W	secondary forest
66	LQ066	1500.57	4686.55	S. Karamuak	—	Pr	20	D.B.	M	S	M	W	secondary forest
67	LQ067	1499.99	4686.27	S. Karamuak	—	Pr	30	R.B.	R	C	M	W	secondary forest
68	LQ068	1500.69	4687.20	S. Karamuak	—	Pr	30	B.	R	C	M	W	secondary forest
69	LQ069	1500.23	4687.08	S. Karamuak	—	Pr	25	D.B.	R	C	S	W	secondary forest
70	LQ070	1500.87	4687.67	S. Karamuak	—	Pr	30	D.B.	F	C	M	W	secondary forest
71	LQ071	1500.12	4687.77	S. Karamuak	—	Pr	30	D.B.	R	C	S	W	secondary forest
72	LQ072	1500.40	4688.27	S. Karamuak	—	Pr	25	R.B.	R	C	S	W	secondary forest
73	LQ073	1499.54	4685.78	S. Karamuak	—	Pr	20	R.B.	R	C	F	W	secondary forest
74	LQ074	1499.23	4686.25	S. Karamuak	—	Pr	30	B.	R	C	F	W	secondary forest
75	LQ075	1499.16	4686.67	S. Karamuak	—	Pr	20	B.	R	S	F	W	secondary forest
76	LQ076	1499.32	4687.42	S. Karamuak	—	Pr	30	R.B.	R	C	F	W	secondary forest
77	LQ077	1499.34	4688.03	S. Karamuak	—	Pr	20	D.B.	F	C	M	W	secondary forest
78	LQ078	1499.82	4688.33	S. Karamuak	—	Pr	30	R.B.	R	C	S	W	secondary forest
79	LQ079	1499.16	4688.67	S. Karamuak	peridotite	Pr	30	D.B.	R	C	M	W	primary forest
80	LQ080	1498.77	4685.87	S. Karamuak	—	Pr	40	B.	R	C	F	W	secondary forest
81	LQ081	1498.68	4686.27	S. Karamuak	—	Pr	40	D.B.	R	C	F	W	secondary forest
82	LQ082	1498.38	4686.75	S. Karamuak	peridotite	Pr	40	B.	R	C	M	W	secondary forest
83	LQ083	1498.40	4687.42	S. Karamuak	peridotite	Pr	40	R.B.	R	C	M	W	secondary forest
84	LQ084	1498.42	4687.95	S. Karamuak	peridotite	Pr	40	D.B.	R	C	M	W	secondary forest
85	LQ085	1498.39	4688.48	S. Karamuak	—	Pr	40	D.B.	R	C	M	W	secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)

*2Grain size: Sandy (S), Clayey (C)

*3Topography: Steep (S), Moderate (M), Flat (F)

*4Humidity: Dry (D), Wet (W)

Appendix 20

Analytical results of soil geochemical
samples in Area 0

List of Geochemical Analysis (1)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
					ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
1	L0001	4682.820	1505.500	18	3	14	302	6820	68	68	190	.06	.07	1158	>	.14	3967	>	.058	83.5	2	.18	.2	>	13
2	L0002	4683.100	1505.290	>	7	12	676	6769	111	161	161	.05	.07	5222	>	.23	3943	>	.020	86.8	1	.11	.2	>	178
3	L0003	4683.690	1505.170	23	8	14	543	6808	106	177	177	.06	.10	2649	>	.14	3986	>	.034	106.8	1	.06	.2	>	246
4	L0004	4682.480	1504.800	>	3	15	666	6773	140	232	232	.05	.06	5553	>	.32	3974	>	.022	63.8	1	.18	.2	>	176
5	L0005	4682.380	1504.160	5	5	10	245	6818	87	160	160	.05	.11	1074	>	.19	4025	>	.065	79.2	1	.07	.2	>	193
6	L0006	4682.960	1504.520	12	6	38	303	6810	252	236	236	.08	.12	1388	>	.29	3200	>	.065	107.0	3	.17	.2	>	168
7	L0007	4683.570	1504.450	30	4	9	260	5174	168	201	201	.05	.08	1833	>	.35	2618	>	.031	35.2	3	.19	.2	>	97
8	L0008	4683.980	1504.380	>	3	25	921	6766	81	245	245	.04	2.04	9601	>	.08	3973	>	.020	56.5	3	.04	.2	>	155
9	L0009	4684.600	1504.570	1	8	9	220	6816	188	208	208	.05	.08	3007	>	.26	3986	>	.111	100.4	1	.18	.2	>	191
10	L0010	4684.330	1504.030	26	5	17	141	6811	151	160	160	.08	.11	1996	>	.23	4004	>	.059	105.8	2	.10	.2	>	160
11	L0011	4684.730	1504.040	1	7	20	420	6817	301	230	230	.08	.08	4101	>	.22	3996	>	.055	79.8	2	.29	.2	>	200
12	L0012	4685.590	1504.410	29	4	9	233	6791	175	257	257	.05	.11	958	>	.27	2506	>	.066	133.0	2	.29	.2	>	160
13	L0013	4685.470	1504.050	33	11	20	262	6812	185	280	280	.08	.08	1410	>	.34	3162	>	.066	98.9	2	.19	.2	>	166
14	L0014	4682.880	1503.900	30	3	59	135	2848	298	298	133	.15	.25	817	>	.53	1635	>	.048	12.6	9	.20	.2	>	17
15	L0015	4683.350	1503.580	1	5	59	879	6771	89	211	211	.09	.02	6865	>	.33	3935	>	.023	95.8	5	.06	.2	>	190
16	L0016	4683.690	1503.320	1	10	19	461	6814	112	273	273	.08	.08	2353	>	.24	3983	>	.075	99.3	2	.07	.2	>	225
17	L0017	4683.960	1503.720	1	5	16	167	6804	151	246	246	.07	1.04	2444	>	.20	3990	>	.065	114.5	2	.08	.2	>	172
18	L0018	4684.170	1503.280	1	12	26	884	4978	991	440	440	.07	.07	5686	>	.20	3968	>	.028	38.5	2	.04	.2	>	144
19	L0019	4684.600	1503.420	1	14	19	825	4978	991	440	440	.05	.08	7412	>	.17	3971	>	.027	46.4	2	.04	.2	>	168
20	L0020	4685.140	1503.780	12	6	21	199	6823	165	353	353	.10	.16	2185	>	.30	3998	>	.181	77.8	3	.14	.2	>	163
21	L0021	4685.730	1503.330	21	151	62	345	6804	901	307	307	.06	.07	9366	>	.13	3970	>	.048	103.5	4	.05	.2	>	178
22	L0022	4686.370	1503.570	1	6	28	1526	6779	103	346	346	.06	.32	9366	>	.11	2967	>	.040	95.5	1	.07	.2	>	270
23	L0023	4686.360	1503.180	46	276	7	307	6845	375	274	274	.04	.07	2352	>	.13	3970	>	.048	103.5	4	.05	.2	>	178
24	L0024	4686.950	1503.580	36	19	19	247	6763	199	235	235	.07	.10	1316	>	.24	3316	>	.026	166.1	2	.08	.2	>	209
25	L0025	4687.160	1503.330	36	19	101	618	6719	223	237	237	.06	.20	6430	>	.13	3977	>	.030	171.0	4	.09	.2	>	248
26	L0026	4682.440	1502.330	60	2	13	172	6867	61	263	263	.06	.07	924	>	.15	3882	>	.055	81.5	2	.09	.2	>	142
27	L0027	4682.880	1502.760	1	4	23	582	6769	105	277	277	.07	.10	3382	>	.21	3981	>	.086	99.9	2	.09	.2	>	225
28	L0028	4683.200	1502.970	11	15	26	540	6767	129	235	235	.10	.12	3845	>	.42	3985	>	.111	99.9	2	.09	.2	>	205
29	L0029	4683.180	1502.340	13	5	19	274	6812	140	300	300	.08	.09	1459	>	.28	4011	>	.101	87.9	2	.08	.2	>	203
30	L0030	4683.650	1502.790	1	5	26	878	6666	69	459	459	.07	.29	6131	>	.20	3989	>	.023	55.8	2	.05	.2	>	186
31	L0031	4683.770	1502.130	11	2	13	558	2526	127	364	364	.04	.42	4114	>	.01	4156	>	.018	28.6	1	.02	.2	>	102
32	L0032	4684.020	1502.750	41	1	4	100	3579	198	225	225	.04	.08	753	>	.01	2096	>	.025	27.1	1	.05	.2	>	72
33	L0033	4684.390	1502.930	1	66	18	896	6596	496	369	369	.04	1.26	8789	>	.03	3996	>	.023	63.5	1	.06	.2	>	151
34	L0034	4684.360	1502.620	1	2	25	960	6751	144	216	216	.05	.04	6381	>	.18	3922	>	.033	76.9	2	.06	.2	>	203
35	L0035	4684.360	1502.200	35	7	7	317	6736	85	372	372	.04	.04	1863	>	.02	4071	>	.027	57.3	1	.04	.2	>	139
36	L0036	4684.750	1502.000	11	13	14	581	6822	226	226	226	.05	.28	3392	>	.08	4021	>	.039	81.9	1	.06	.2	>	169
37	L0037	4684.950	1502.880	6	14	18	755	6633	397	282	282	.05	.19	5165	>	.08	4022	>	.030	57.9	1	.06	.2	>	181
38	L0038	4685.120	1502.470	1	11	21	737	6803	258	392	392	.04	.09	6297	>	.14	3993	>	.035	66.5	1	.06	.2	>	197
39	L0039	4685.480	1502.770	35	1	22	744	5897	392	299	299	.04	.09	6297	>	.05	4052	>	.025	46.5	1	.05	.2	>	158
40	L0040	4685.280	1501.950	1	11	27	803	6735	325	296	296	.05	2.75	7760	>	.08	3951	>	.028	64.1	2	.06	.2	>	205
41	L0041	4685.950	1502.200	1	7	20	724	6771	164	281	281	.04	3.82	7011	>	.01	3997	>	.044	62.4	4	.05	.2	>	156
42	L0042	4686.620	1502.080	10	6	15	528	6819	86	595	595	.04	.07	5422	>	.03	2226	>	.062	94.7	1	.06	.2	>	167
43	L0043	4687.000	1502.950	5	6	96	131	6837	246	295	295	.09	.05	1828	>	.23	1838	>	.043	164.8	4	.12	.2	>	129
44	L0044	4682.650	1501.950	48	12	25	344	6844	341	597	597	.10	.14	2363	>	.14	4046	>	.049	66.7	11	.15	.2	>	154
45	L0045	4683.320	1501.630	1	18	12	387	6828	501	496	496	.05	.08	2695	>	.12	4006	>	.049	77.6	2	.08	.2	>	189
46	L0046	4683.400	1501.400	1	18	17	203	6836	215	240	240	.07	.09	1157	>	.19	4015	>	.054	62.5	2	.09	.2	>	168
47	L0047	4683.940	1501.340	1	15	21	721	6814	1102	263	263	.05	.09	1157	>	.22	3980	>	.038	72.1	2	.08	.2	>	175
48	L0048	4684.170	1501.730	1	53	29	912	6760	4726	338	338	.04	.09	8689	>	.09	3961	>	.033	77.7	1	.05	.2	>	201
49	L0049	4684.520	1501.730	43	68	9	167	6871	780	530	530	.05	.06	959	>	.07	3639	>	.035	72.2	1	.07	.2	>	129
50	L0050	4684.750	1501.500	1	20	30	800	6826	405	549	549	.08	.20	4296	>	.25	3992	>	.042	85.2	2	.10	.2	>	194

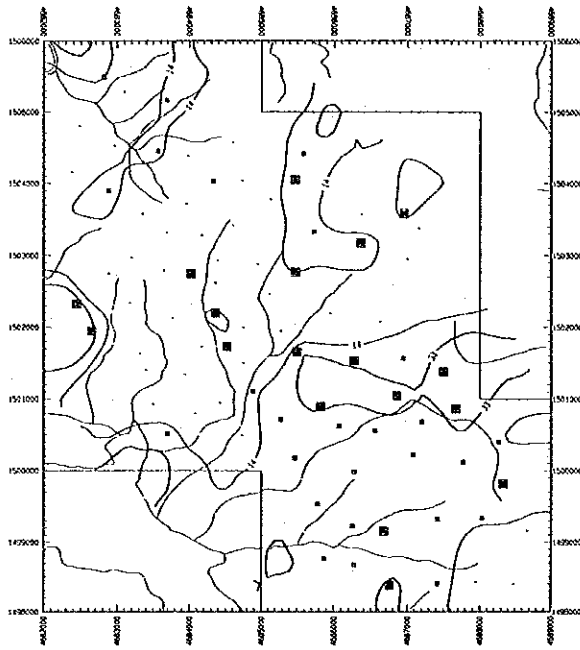
List of Geochemical Analysis (2)

Ser. No.	Sample No.	Location (km)	As	Au	Ba	Co	Cr	Cu	Hg	K	Mg	Mn	Mo	Na	Ni	Pb	S	Sb	Sr	Ti	U	W	Zn
		X-coord	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
51	L0051	4884.880	18	5	8	112	6139	115	240	.05	.47	1114	>	.23	1831	>	.080	35.5	1	.69	.2	>	95
52	L0052	4885.500	56	12	9	208	6670	171	189	.04	1.10	1145	>	.06	3527	>	.028	79.4	1	.11	.2	>	135
53	L0053	4886.270	38	1	7	401	4747	75	436	.04	1.31	2291	>	.12	2899	>	.029	32.9	1	.28	.2	>	71
54	L0054	4886.940	17	>	8	175	1647	25	173	.05	14.83	1870	>	.10	2202	>	.023	>	3	.23	.2	>	83
55	L0055	4886.850	56	>	19	588	6612	37	299	.07	3.88	4062	>	.16	3725	>	.020	56.3	2	.34	.2	>	113
56	L0056	4887.500	45	1	22	455	4555	83	2152	.07	2.26	4279	>	.18	3489	>	.028	39.0	2	.08	.2	>	108
57	L0057	4883.500	8	6	45	436	6837	138	271	.07	.08	2653	>	.17	4027	>	.055	63.7	3	.03	.2	>	191
58	L0058	4883.700	29	18	13	355	6826	588	353	.05	.09	2658	>	.06	4035	>	.048	79.0	2	.13	.2	>	153
59	L0059	4884.080	1	34	34	802	6802	1109	247	.09	.28	5848	>	.23	3957	>	.036	61.6	3	.08	.2	>	199
60	L0060	4884.420	1	130	27	122	427	49	205	.13	1.10	4868	>	.91	46	>	.022	14.4	46	2.81	.2	>	25
61	L0061	4884.700	9	18	43	702	6619	448	390	.06	.21	4846	>	.14	4015	>	.025	85.3	2	.14	.2	>	169
62	L0062	4885.280	26	1	13	458	5396	25	5656	.05	9.70	5066	>	.16	2577	>	.030	31.7	7	.21	.2	>	88
63	L0063	4885.470	27	2	9	348	6631	76	317	.05	.25	2263	>	.16	2577	>	.028	48.5	7	.37	.2	>	90
64	L0064	4885.820	40	1	9	372	3813	43	199	.05	6.97	3244	>	.07	3254	>	.020	25.7	2	.14	.2	>	77
65	L0065	4886.070	22	1	9	298	4812	40	277	.05	.25	2007	>	.06	1889	>	.027	28.8	1	.24	.2	>	58
66	L0066	4886.550	25	1	17	787	6130	47	221	.07	7.55	7217	>	.29	2981	>	.029	39.3	1	.27	.2	>	114
67	L0067	4886.270	31	1	12	527	5691	222	236	.04	1.40	5118	>	.06	3157	>	.048	45.6	2	.32	.2	>	104
68	L0068	4887.200	18	2	17	575	7219	63	317	.06	1.51	3360	>	.16	2976	>	.019	65.5	2	.26	.2	>	134
69	L0069	4887.080	17	1	10	592	7232	51	336	.06	1.85	4671	>	.05	2374	>	.029	50.0	2	.25	.2	>	155
70	L0070	4887.670	44	1	36	673	7171	64	749	.06	1.89	4997	>	.15	4170	>	.034	57.6	3	.29	.2	>	124
71	L0071	4887.770	31	1	17	643	6883	39	223	.05	2.46	5954	>	.09	4240	>	.022	51.7	2	.19	.2	>	136
72	L0072	4888.270	14	1	15	106	7160	55	182	.06	4.00	6316	>	.17	2500	>	.032	56.7	1	.33	.2	>	99
73	L0073	4885.780	30	1	25	626	7139	97	220	.06	4.00	6316	>	.16	3813	>	.023	63.4	3	.29	.2	>	172
74	L0074	4886.250	16	3	14	200	7235	119	226	.06	.96	1183	>	.12	2886	>	.045	101.4	3	.45	.6	>	194
75	L0075	4886.670	37	2	16	488	7199	170	272	.05	1.79	4745	>	.08	3393	>	.031	96.2	4	.32	.6	>	241
76	L0076	4887.420	17	1	14	511	6609	280	312	.05	.82	4778	>	.08	2115	>	.036	49.0	2	.30	.8	>	161
77	L0077	4888.030	14	1	19	455	6455	37	235	.04	1.22	8114	>	.03	2181	>	.020	41.4	3	.19	.4	>	122
78	L0078	4888.330	33	1	8	535	6674	68	186	.04	2.26	3177	>	.19	4110	>	.025	56.8	1	.31	.2	>	119
79	L0079	4888.670	12	1	6	243	5121	34	172	.04	5.16	2270	>	.20	1748	>	.061	36.9	4	.17	.2	>	87
80	L0080	4885.870	30	3	25	453	6672	127	234	.08	1.76	3105	>	.16	3075	>	.026	50.6	3	.37	.4	>	133
81	L0081	4886.270	16	1	18	553	7252	74	247	.05	1.76	4013	>	.09	2282	>	.029	68.4	2	.31	.2	>	156
82	L0082	4886.750	36	1	25	902	7198	47	229	.04	2.48	9703	>	.03	3625	>	.022	83.5	3	.20	.2	>	217
83	L0083	4887.420	18	2	10	230	6003	98	236	.05	.96	1299	>	.07	2098	>	.024	45.6	1	.30	.2	>	109
84	L0084	4887.950	10	1	16	107	7307	96	190	.07	.85	496	>	.20	1654	>	.049	50.1	3	.42	.2	>	109
85	L0085	4888.480	13	4	23	574	7094	103	207	.07	2.40	5297	>	.25	4316	>	.017	75.7	2	.25	.2	>	132

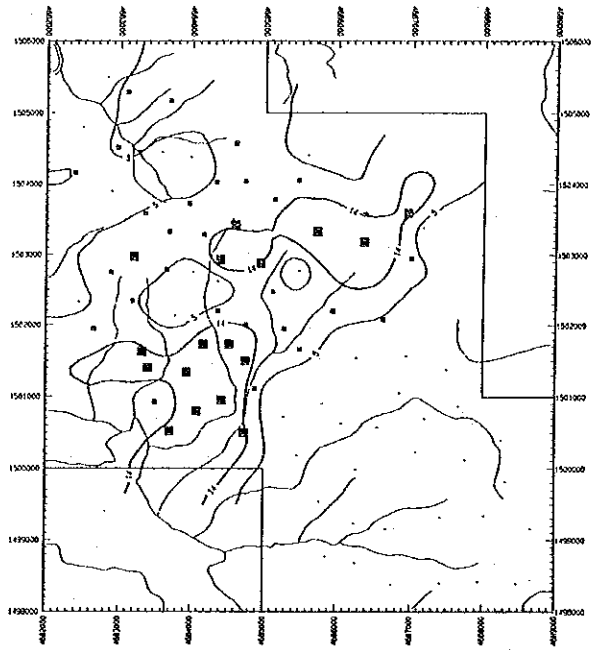
Appendix 21

Distribution map of elements in Area Q

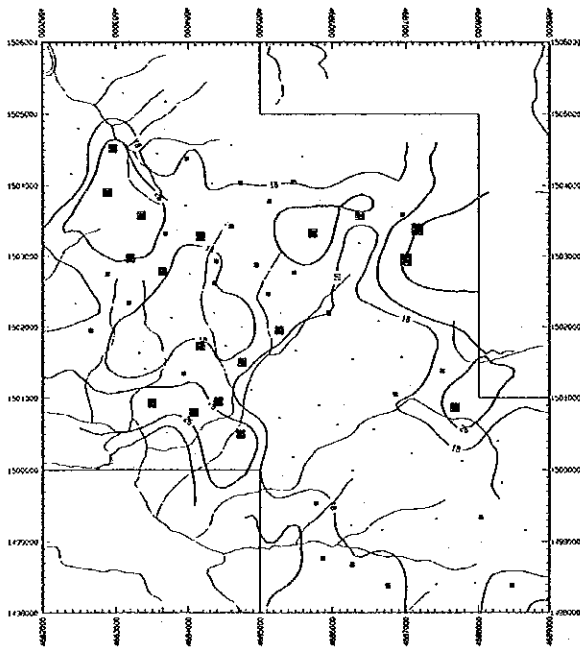
Soil



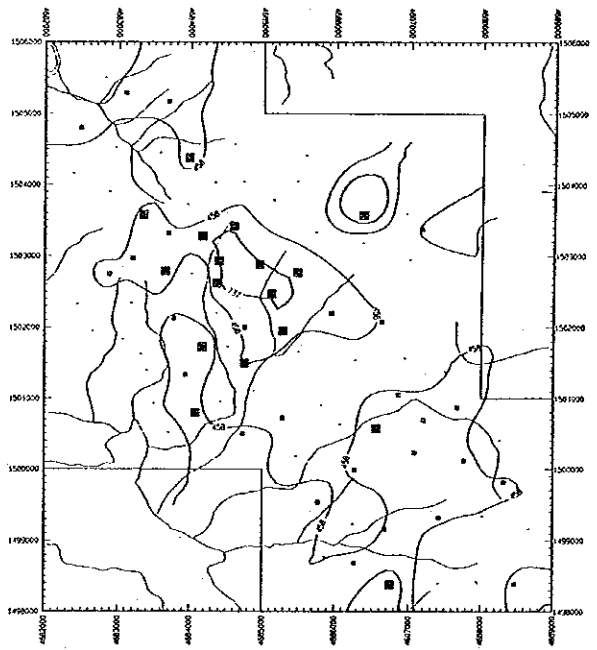
As ■ 33,000
 • 14,500



Au ■ 14,000
 • 5,000

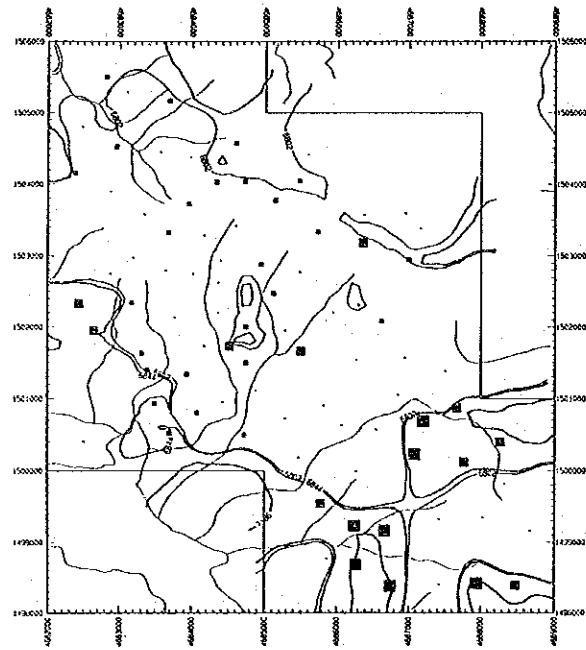


Ba ■ 75,000
 • 26,000
 ○ 18,000



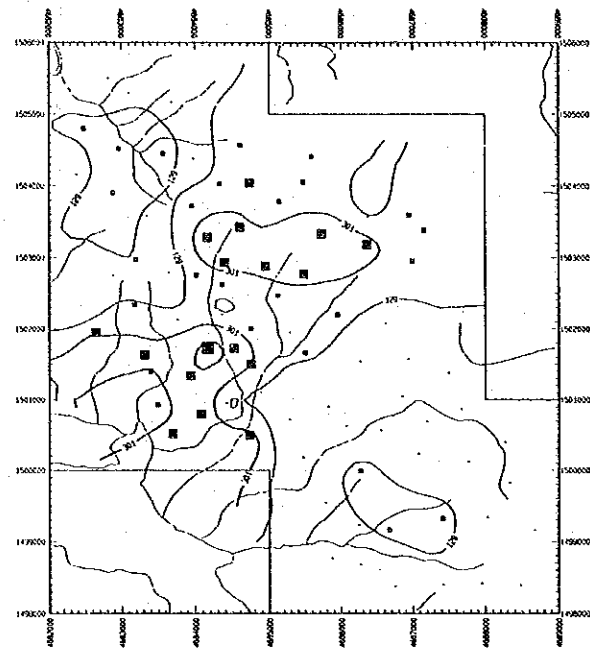
Co ■ 737,000
 • 458,000

Soil



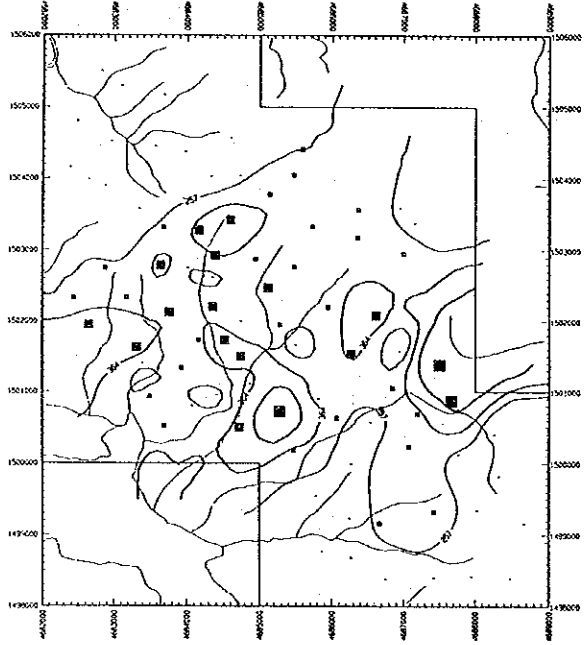
Cr

■	7195.000
■	5844.000
●	6602.000



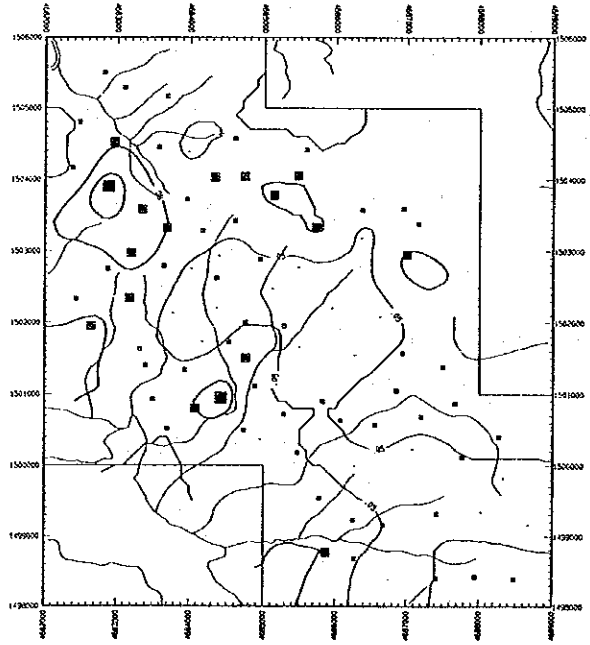
Cu

■	1182.000
■	301.000
●	129.000



Hg

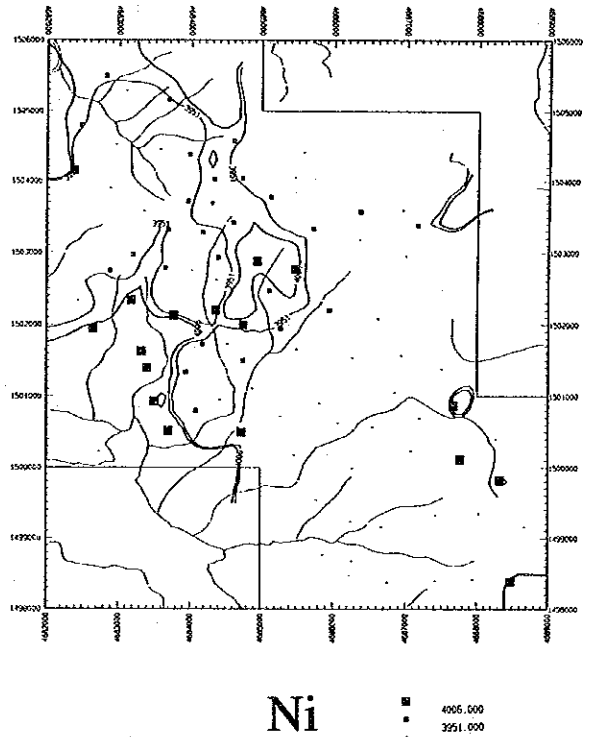
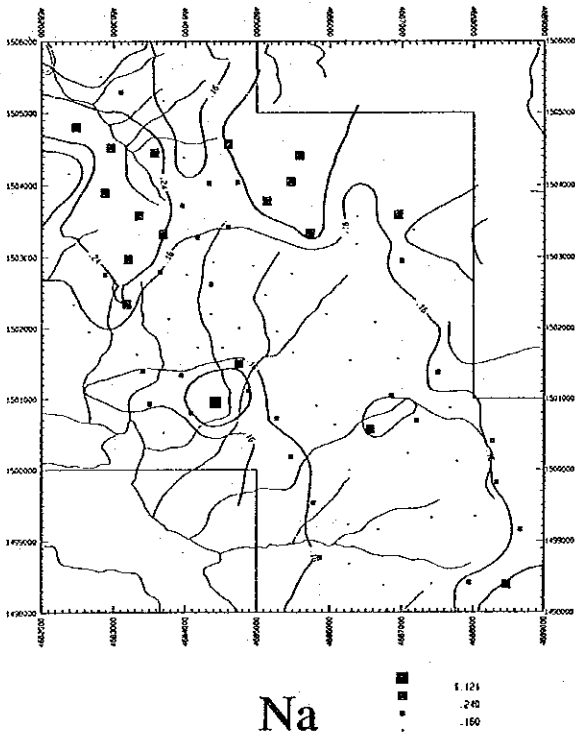
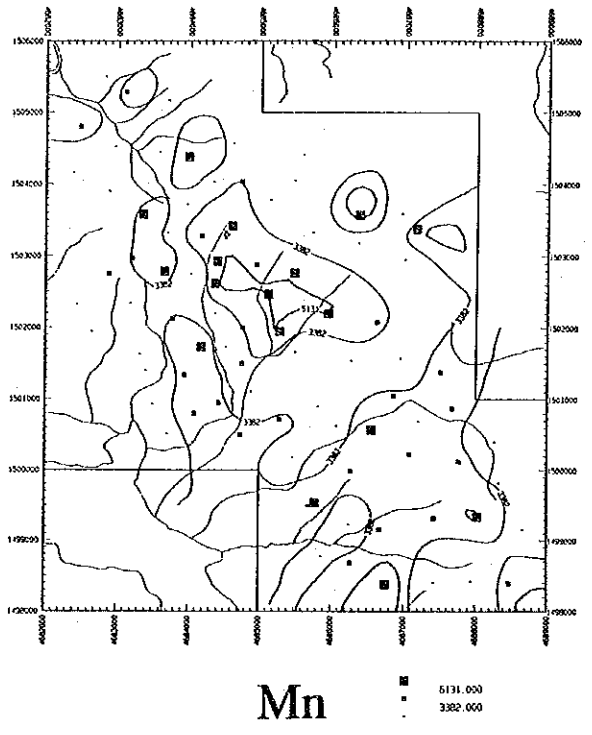
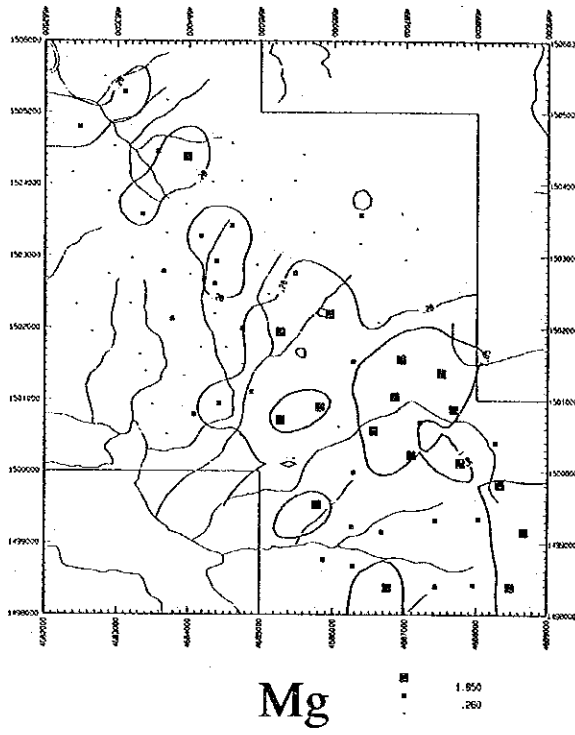
■	630.000
■	364.000
●	257.000



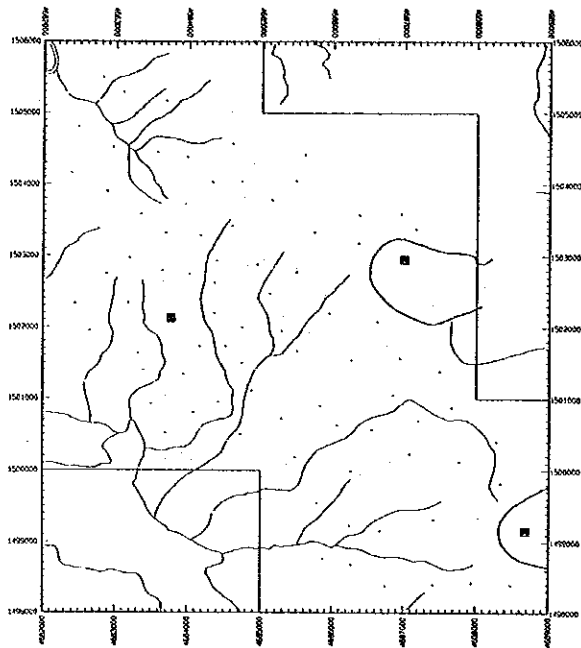
K

■	115
■	.080
●	.050

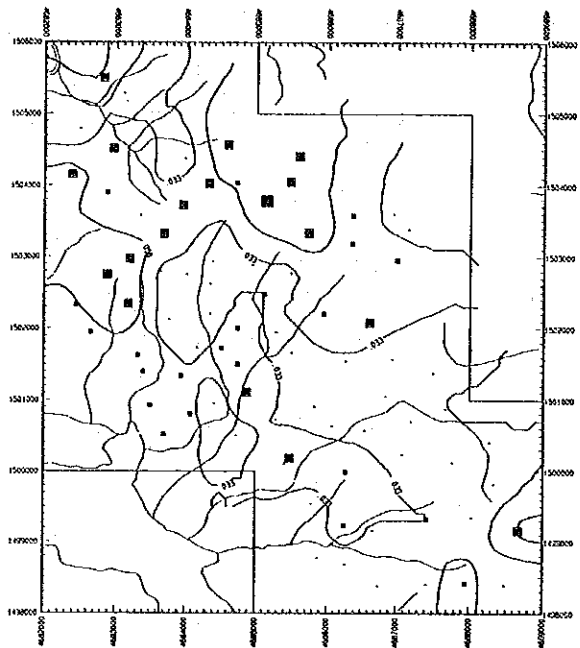
Soil



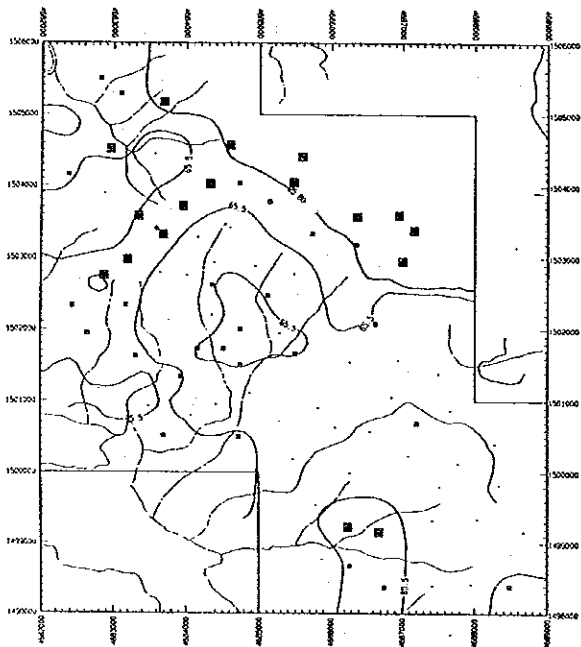
Soil



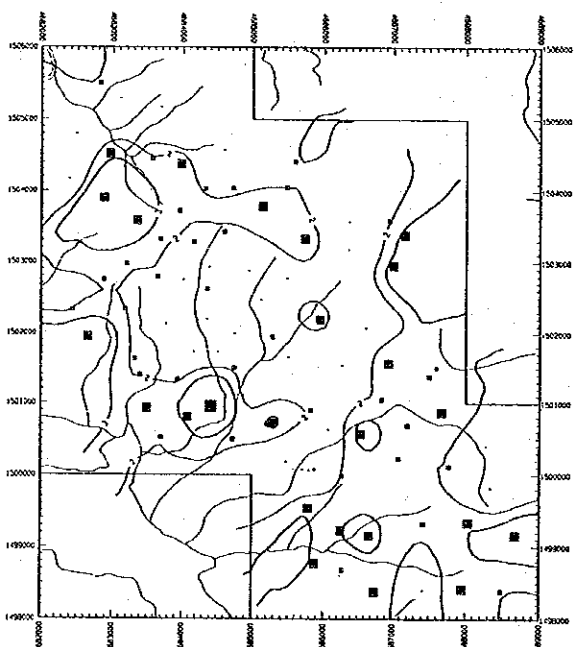
Pb 1.623



S .134
.050
.033

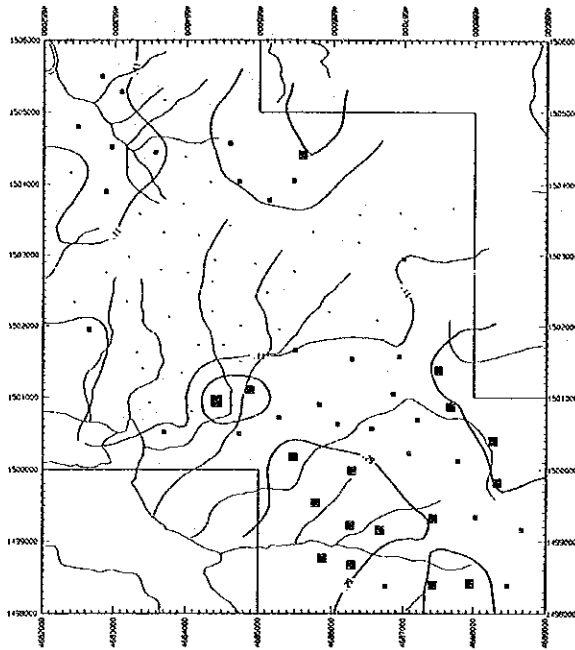


Sb 95.800
65.500



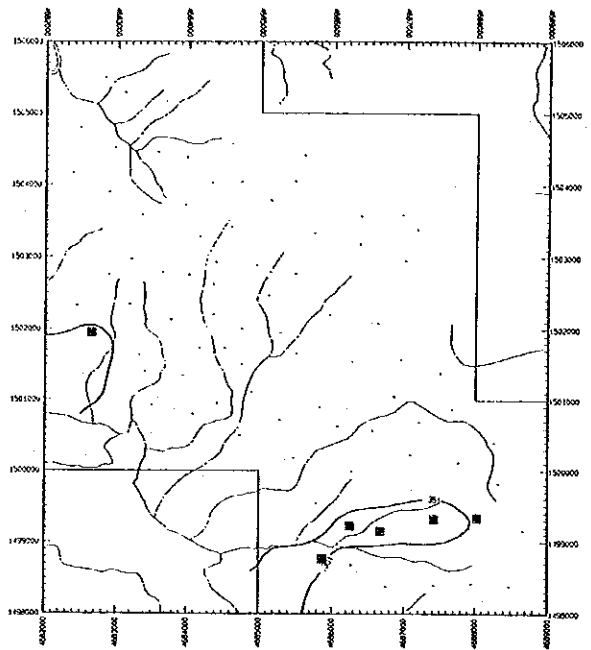
Sr 16.000
3.000
2.000

Soil



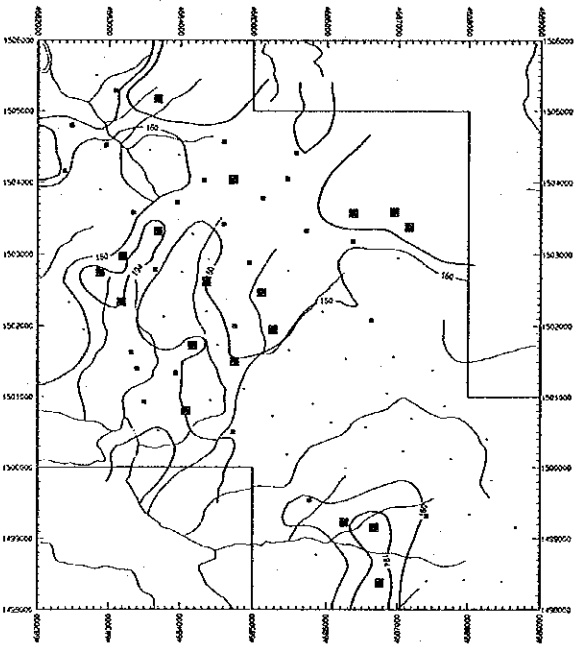
Ti

■	1.920
■	.790
■	.110



U

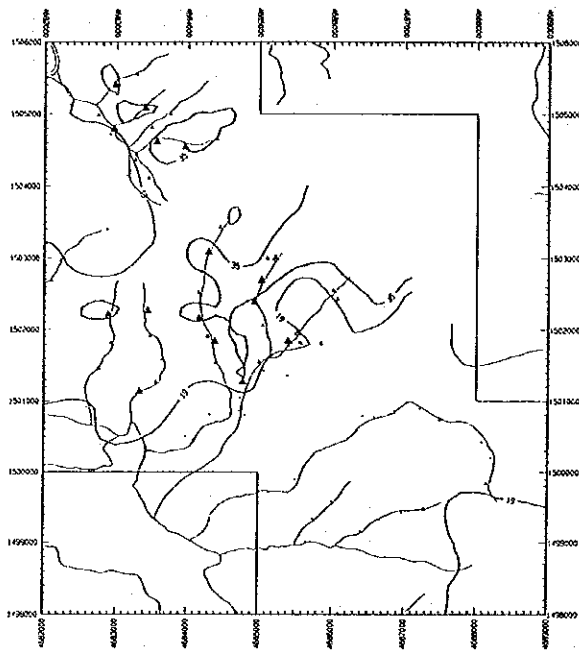
■	.351
■	.110



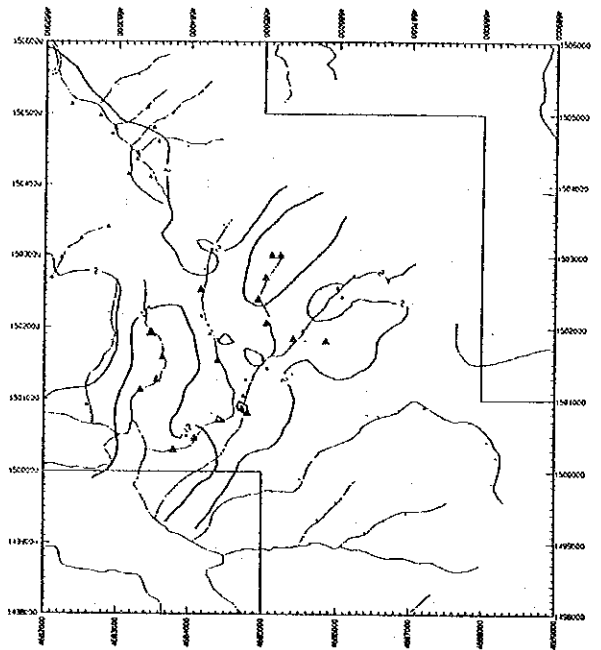
Zn

■	194.000
■	150.000

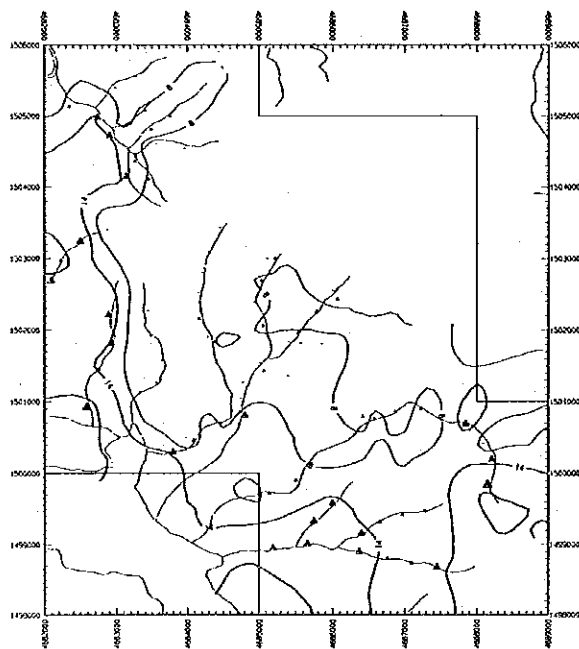
Stream Sediments



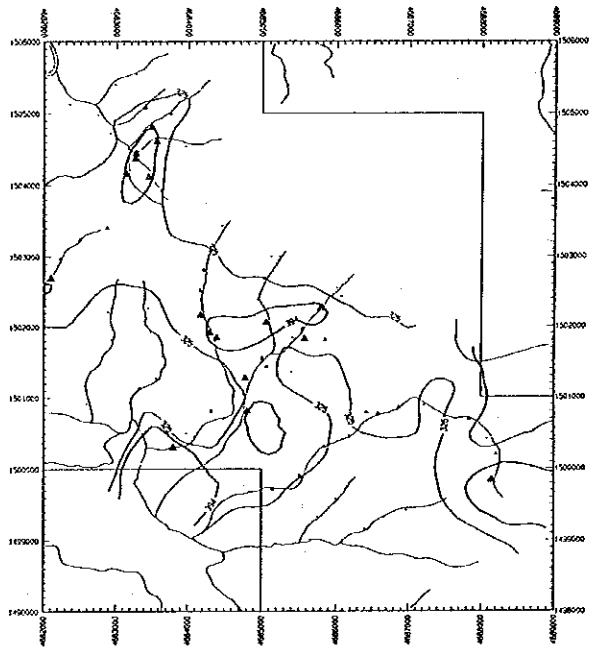
As
 ▲ 35,000
 ● 19,000



Au
 ▲ 150,000
 ● 12,000
 ○ 2,000

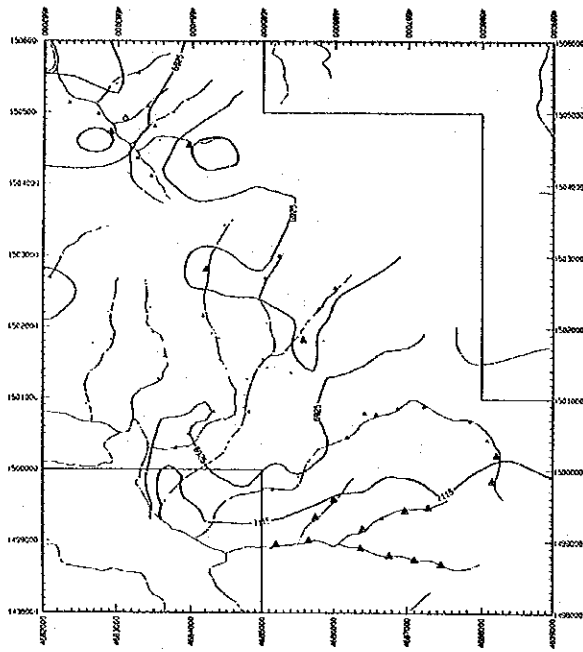


Ba
 ▲ 34,000
 ● 14,000
 ○ 8,000

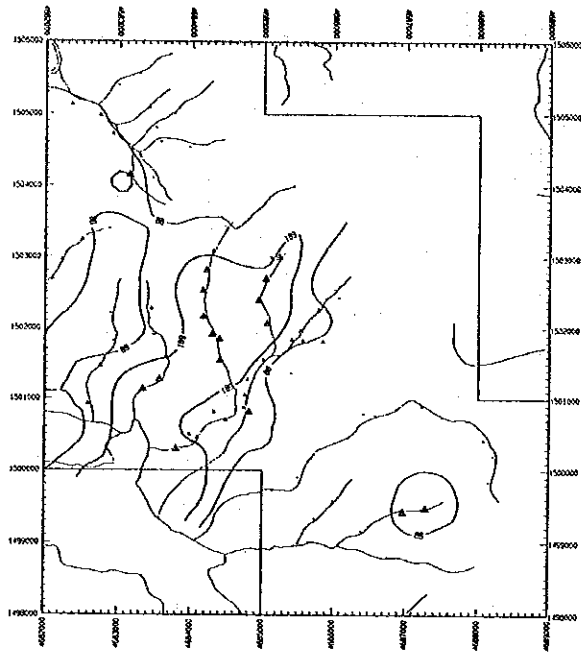


Co
 ▲ 334,000
 ● 325,000

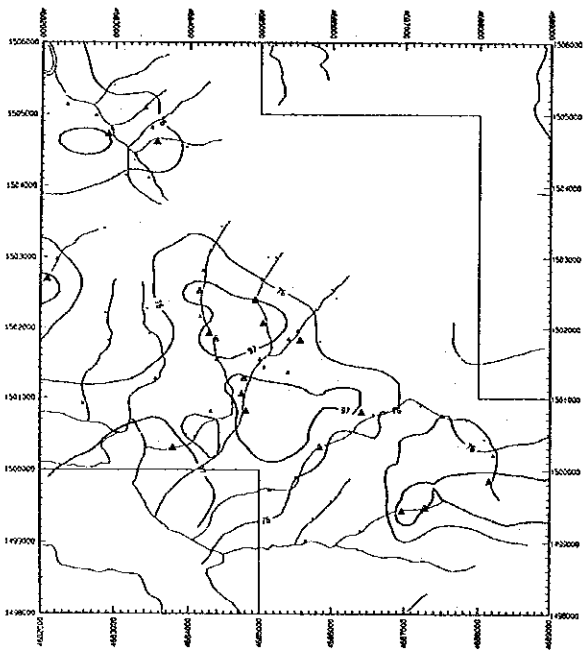
Stream Sediments



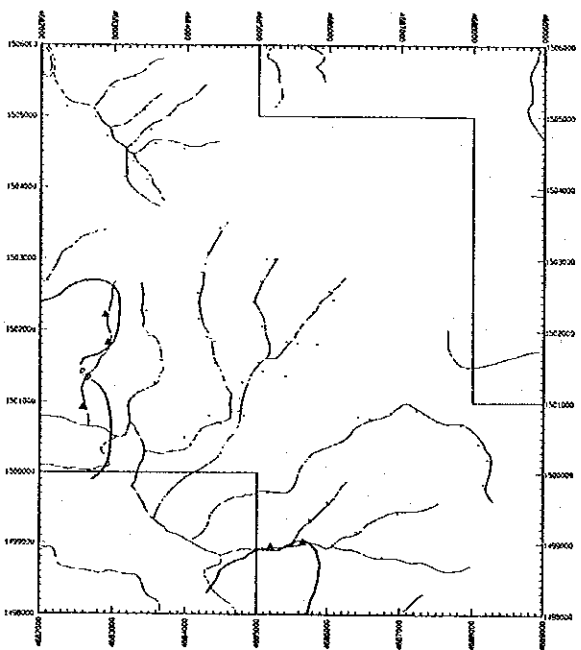
Cr ▲ 7115.000
● 6825.000



Cu ▲ 199.000
● 88.000

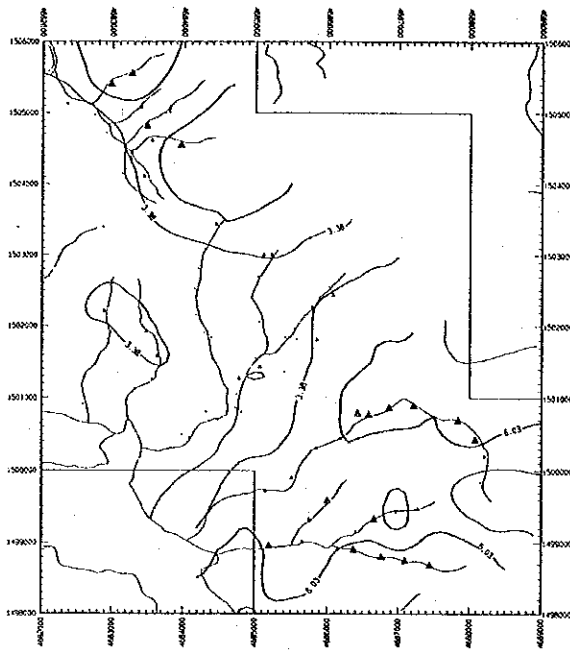


Hg ▲ 97.000
● 75.000



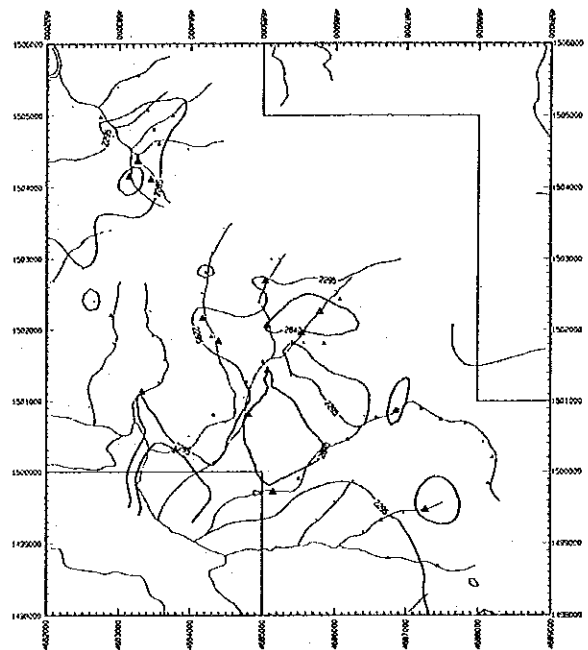
K ▲ 0.019

Stream Sediments



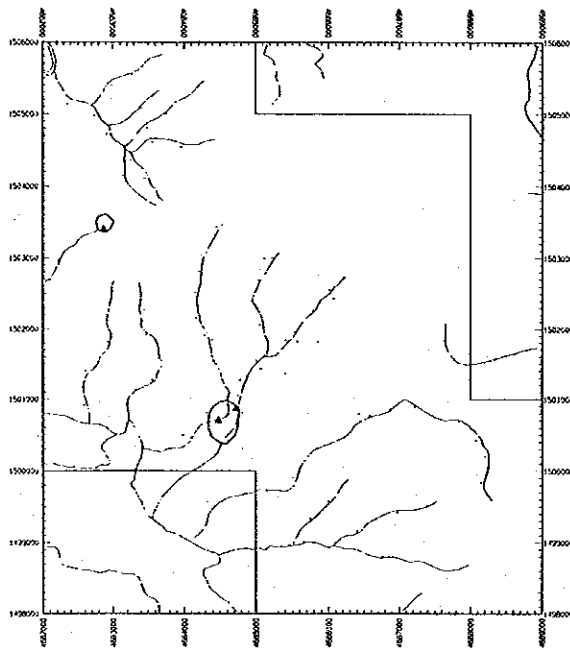
Mg

▲ 6.030
● 3.369



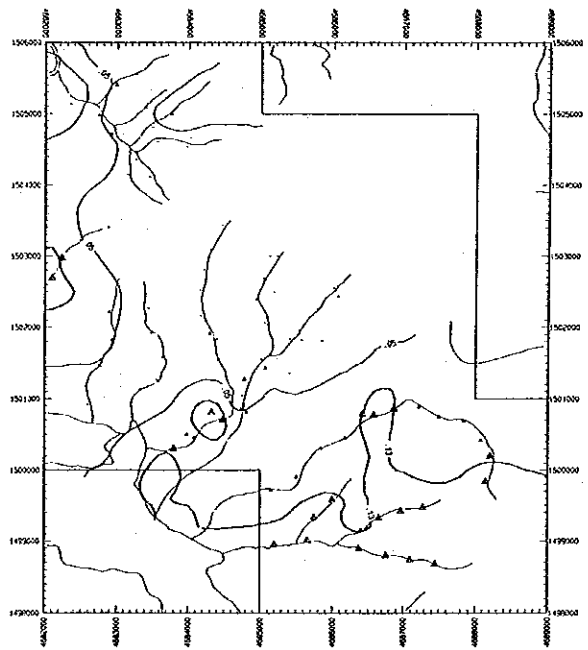
Mn

▲ 2840.000
● 2295.000



Mo

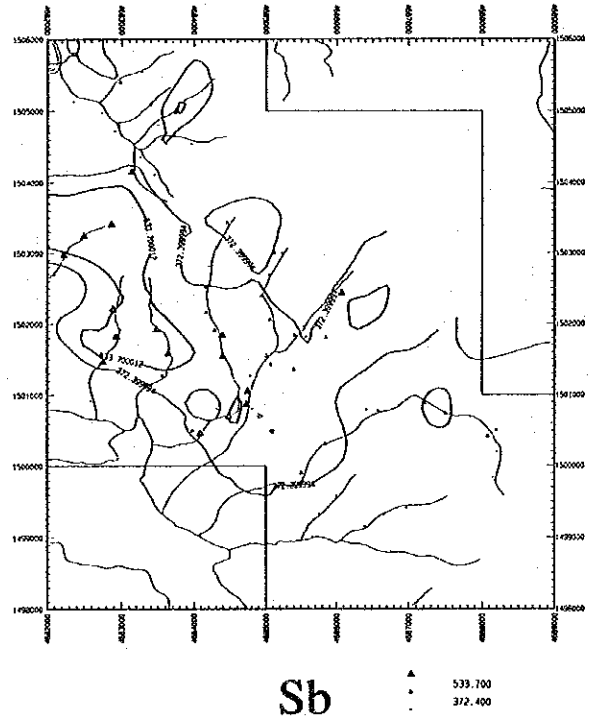
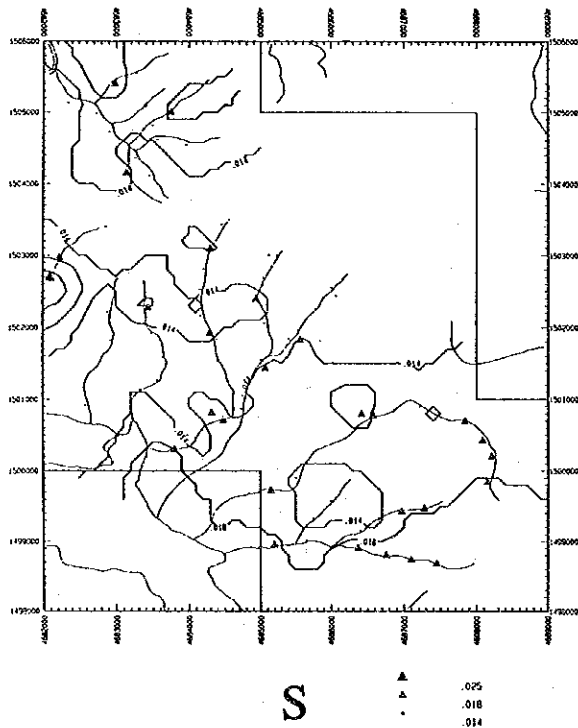
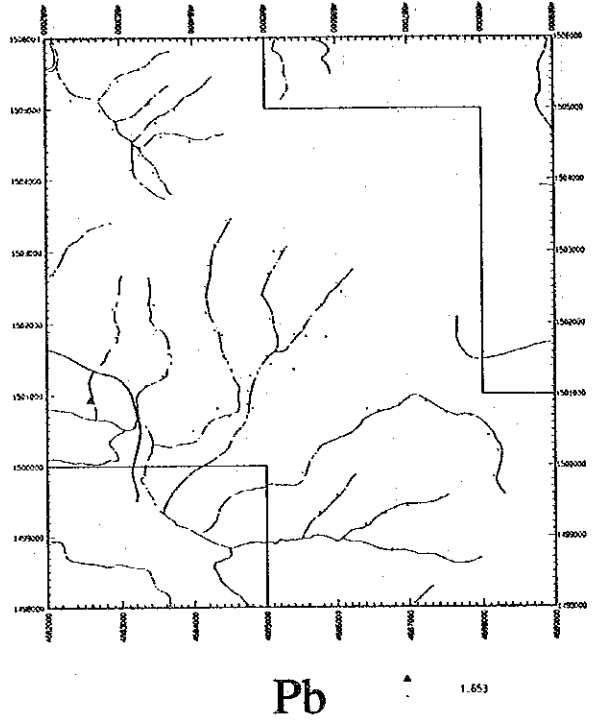
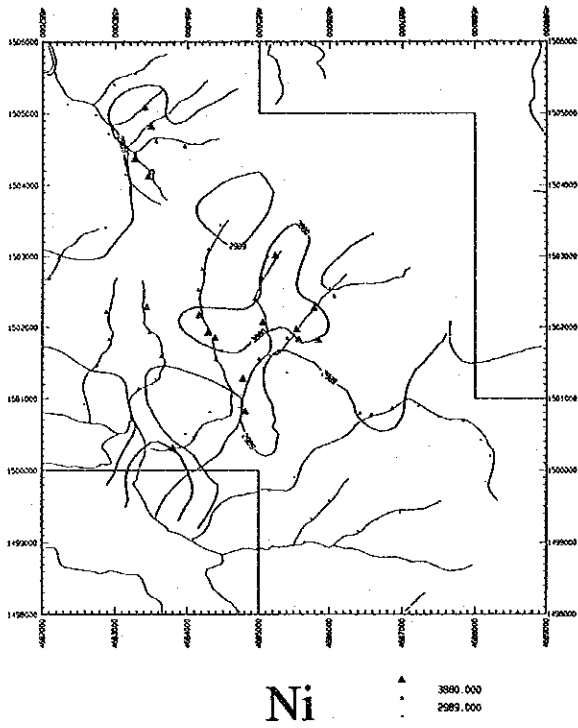
▲ .870



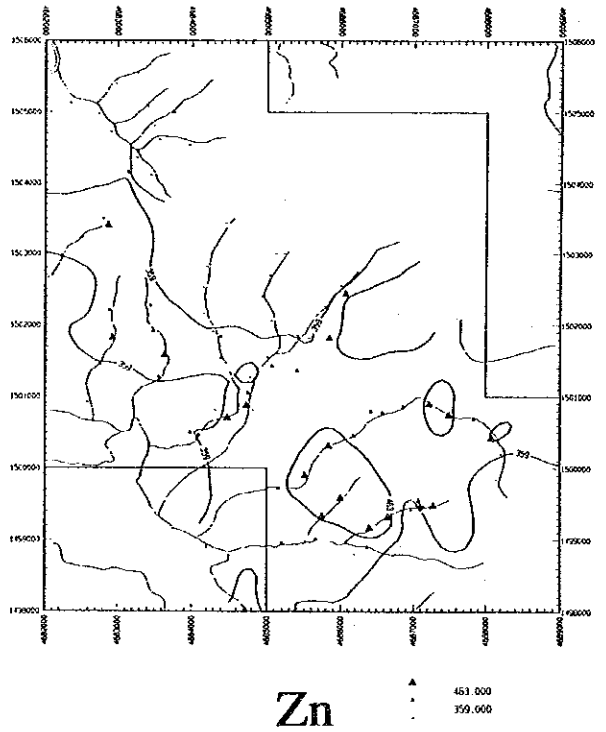
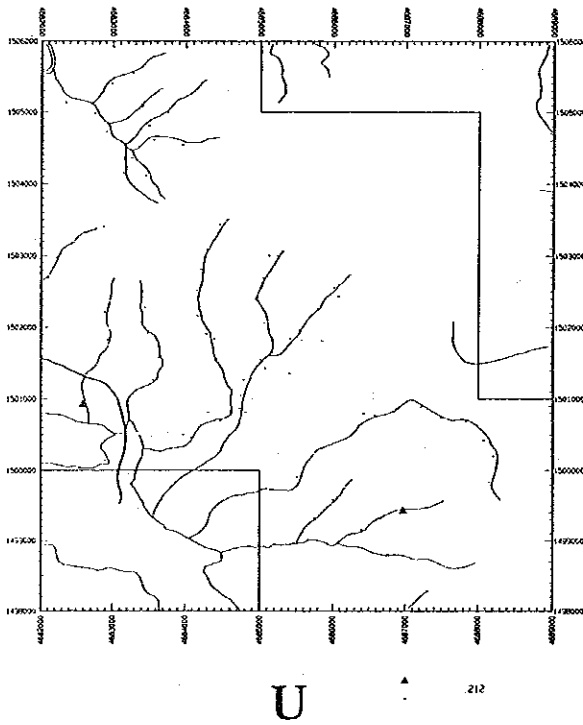
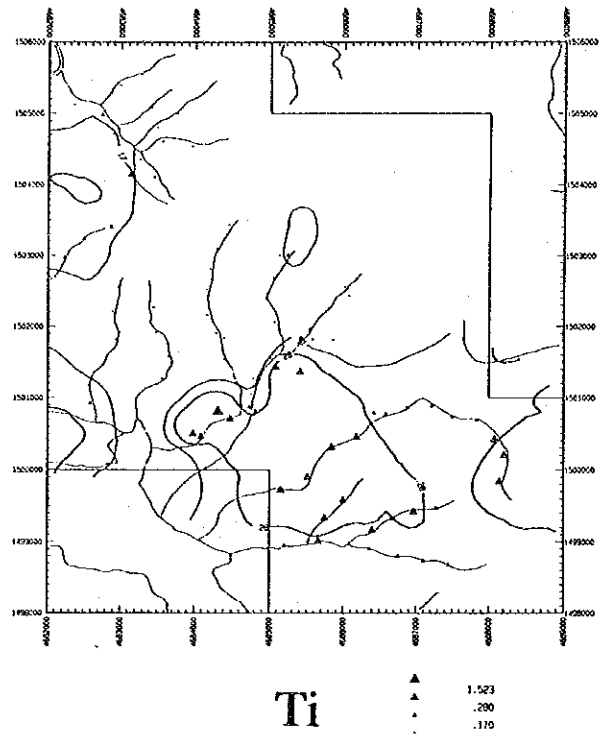
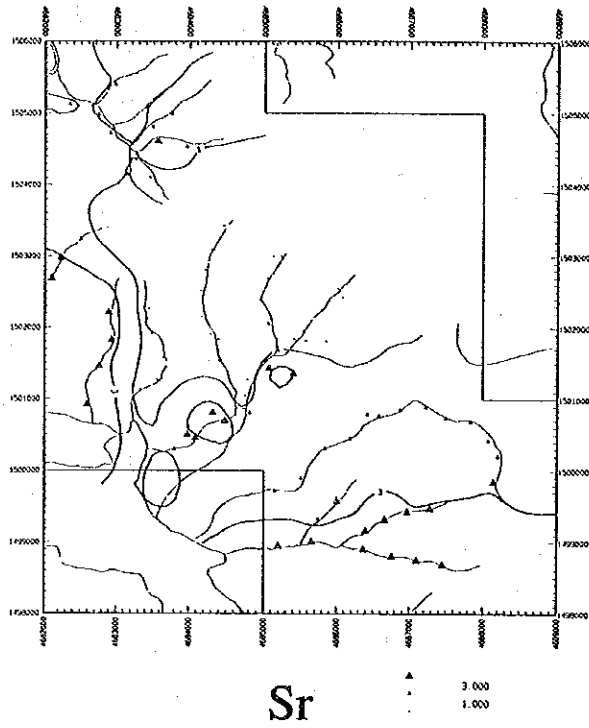
Na

▲ .130
● .050

Stream Sediments



Stream Sediments



Appendix 22

List of stream sediment geochemical samples in Area 0

Ser. No.	Sample No.	Coordinates		Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
		N	E								
1	LQ501	1505.13	4682.35	S. Karamuak	peridotite	Pr	2	4.0	2	1	B.
2	LQ502	1504.98	4682.74	S. Karamuak	peridotite	Pr	2	3.0	2	2	B.
3	LQ503	1504.72	4682.91	S. Karamuak	peridotite	Pr	2	3.0	2	2	B.
4	LQ504	1504.44	4683.27	S. Karamuak	peridotite	Pr	2	2.0	2	1	D.G.
5	LQ505	1504.61	4683.56	S. Karamuak	peridotite	Pr	2	2.0	2	1	D.G.
6	LQ506	1504.54	4683.96	S. Karamuak	peridotite	Pr	2	1.0	2	1	D.G.
7	LQ507	1505.40	4682.98	S. Karamuak	peridotite	Pr	1	2.0	2	1	D.G.
8	LQ508	1505.55	4683.27	S. Karamuak	peridotite	Pr	1	1.5	2	1	D.G.
9	LQ509	1504.79	4682.96	S. Karamuak	peridotite	Pr	1	1.5	2	2	B.
10	LQ510	1505.08	4683.40	S. Karamuak	peridotite	Pr	1	1.5	2	1	D.G.
11	LQ511	1504.81	4683.49	S. Karamuak	peridotite	Pr	1	2.0	2	1	D.G.
12	LQ512	1505.00	4683.75	S. Karamuak	peridotite	Pr	1	0.5	2	1	D.G.
13	LQ513	1504.15	4683.14	S. Karamuak	peridotite	Pr	1	1.5	2	2	D.G.
14	LQ514	1504.36	4683.26	S. Karamuak	peridotite	Pr	1	1.0	2	1	D.G.
15	LQ515	1504.11	4683.45	S. Karamuak	peridotite	Pr	1	1.0	2	1	D.G.
16	LQ516	1502.69	4682.10	S. Karamuak	peridotite	Pr	1	1.0	2	1	R.B.
17	LQ517	1502.97	4682.23	S. Karamuak	peridotite	Pr	1	1.0	2	3	R.B.
18	LQ518	1503.24	4682.50	S. Karamuak	serpentinite	Pr	1	1.5	2	3	R.B.
19	LQ519	1503.40	4682.87	S. Karamuak	serpentinite	Pr	1	0.5	2	3	R.B.
20	LQ520	1500.92	4682.59	S. Karamuak	—	P ₂ Cr	1	1.5	1	4	D.B.
21	LQ521	1501.46	4682.76	S. Karamuak	—	Pr	1	1.5	2	4	D.B.
22	LQ522	1501.82	4682.93	S. Karamuak	peridotite	Pr	1	2.0	2	3	D.B.
23	LQ523	1502.21	4682.89	S. Karamuak	peridotite	Pr	1	1.0	2	3	D.B.
24	LQ524	1501.13	4683.33	S. Karamuak	peridotite	Pr	1	2.0	3	3	D.B.
25	LQ525	1501.27	4683.56	S. Karamuak	peridotite	Pr	1	2.0	3	2	D.B.
26	LQ526	1501.58	4683.64	S. Karamuak	peridotite	Pr	1	1.0	3	3	D.B.
27	LQ527	1501.92	4683.48	S. Karamuak	peridotite	Pr	1	2.0	2	2	D.B.
28	LQ528	1502.27	4683.44	S. Karamuak	peridotite	Pr	1	1.0	2	2	D.B.
29	LQ529	1500.30	4683.80	S. Pinanduan	—	Pr	2	1.5	2	3	B.
30	LQ530	1500.46	4684.09	S. Pinanduan	peridotite	Pr	2	2.5	1	4	B.
31	LQ531	1500.70	4684.48	S. Pinanduan	—	Pr	2	3.0	2	3	B.
32	LQ532	1500.87	4684.73	S. Pinanduan	—	Pr	3	2.0	2	3	B.
33	LQ533	1501.05	4684.75	S. Pinanduan	peridotite	Pr	3	2.5	2	1	B.
34	LQ534	1501.27	4684.78	S. Pinanduan	peridotite	Pr	3	4.0	2	1	D.G.
35	LQ535	1501.55	4685.01	S. Pinanduan	peridotite	Pr	3	4.5	2	2	D.B.
36	LQ536	1502.06	4685.06	S. Pinanduan	peridotite	Pr	2	2.5	2	2	D.G.
37	LQ537	1502.39	4684.94	S. Pinanduan	peridotite	Pr	2	3.0	2	2	D.G.
38	LQ538	1502.69	4685.04	S. Pinanduan	peridotite	Pr	2	2.0	2	1	D.G.
39	LQ539	1503.00	4685.23	S. Pinanduan	serpentinite	Pr	1	0.5	3	1	D.G.
40	LQ540	1503.00	4685.12	S. Pinanduan	peridotite	Pr	1	1.0	3	1	D.G.
41	LQ541	1500.50	4683.98	S. Pinanduan	peridotite	Pr	1	1.5	1	4	B.
42	LQ542	1500.81	4684.32	S. Pinanduan	—	Pr	1	0.5	1	3	B.
43	LQ543	1500.81	4684.81	S. Pinanduan	—	Pr	1	0.5	1	3	B.
44	LQ544	1501.54	4684.40	S. Pinanduan	peridotite	Pr	2	3.0	4	4	B.
45	LQ545	1501.91	4684.29	S. Pinanduan	peridotite	Pr	2	4.0	3	2	B.
46	LQ546	1502.16	4684.17	S. Pinanduan	peridotite	Pr	2	4.0	3	2	D.B.
47	LQ547	1502.52	4684.16	S. Pinanduan	peridotite	Pr	2	2.0	3	4	D.B.
48	LQ548	1502.81	4684.21	S. Pinanduan	peridotite	Pr	2	1.5	4	3	D.B.
49	LQ549	1503.09	4684.30	S. Pinanduan	peridotite	Pr	1	2.0	3	3	D.B.
50	LQ550	1503.43	4684.46	S. Pinanduan	peridotite	Pr	1	1.0	3	3	D.B.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)

*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Ser. No.	Sample No.	Coordinates		Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
		N	E								
51	LQ551	1501.84	4684.39	S. Pinanduan	peridotite	Pr	1	0.5	2	4	B.
52	LQ552	1501.43	4685.07	S. Pinanduan	peridotite	Pr	1	1.0	2	1	D.B.
53	LQ553	1501.36	4685.40	S. Pinanduan	peridotite	Pr	1	0.5	2	1	D.B.
54	LQ554	1501.84	4685.41	S. Pinanduan	peridotite	Pr	2	2.5	3	2	D.B.
55	LQ555	1501.96	4685.54	S. Pinanduan	serpentinite	Pr	2	4.0	3	2	D.B.
56	LQ556	1502.26	4685.79	S. Pinanduan	peridotite	Pr	2	2.0	2	1	D.B.
57	LQ557	1502.55	4686.01	S. Pinanduan	serpentinite	Pr	1	1.0	3	2	D.B.
58	LQ558	1501.82	4685.57	S. Pinanduan	peridotite	Pr	1	1.5	2	2	D.B.
59	LQ559	1501.81	4685.85	S. Pinanduan	peridotite	Pr	1	1.5	3	1	D.B.
60	LQ560	1502.43	4686.07	S. Pinanduan	serpentinite	Pr	1	0.5	4	1	D.B.
61	LQ561	1499.72	4685.15	S. Mabusu	—	P ₂ Cr	2	4.5	3	3	B.
62	LQ562	1499.90	4685.51	S. Mabusu	peridotite	Pr	2	3.5	4	3	R.B.
63	LQ563	1500.31	4685.84	S. Mabusu	peridotite	Pr	2	2.0	4	3	B.
64	LQ564	1500.45	4686.18	S. Mabusu	peridotite	Pr	2	5.0	4	2	B.
65	LQ565	1500.77	4686.58	S. Mabusu	peridotite	Pr	2	5.0	3	3	B.
66	LQ566	1500.86	4686.87	S. Mabusu	peridotite	Pr	2	3.0	4	2	B.
67	LQ567	1500.89	4687.22	S. Mabusu	peridotite	Pr	2	4.5	4	2	B.
68	LQ568	1500.74	4687.50	S. Mabusu	peridotite	Pr	2	2.5	4	3	R.B.
69	LQ569	1500.69	4687.84	S. Mabusu	peridotite	Pr	2	6.0	4	3	R.B.
70	LQ570	1500.42	4688.08	S. Mabusu	peridotite	Pr	2	3.5	4	3	R.B.
71	LQ571	1500.20	4688.21	S. Mabusu	peridotite	Pr	1	5.0	4	3	R.B.
72	LQ572	1499.84	4688.15	S. Mabusu	peridotite	Pr	1	6.0	4	3	R.B.
73	LQ573	1500.79	4686.42	S. Mabusu	—	Pr	1	1.0	2	3	B.
74	LQ574	1498.95	4685.20	S. Karamuak	—	P ₂ Cr	3	3.0	3	3	B.
75	LQ575	1499.01	4685.66	S. Karamuak	—	P ₂ Cr	3	3.0	3	3	B.
76	LQ576	1498.90	4686.37	S. Karamuak	peridotite	Pr	2	3.0	3	3	B.
77	LQ577	1498.80	4686.76	S. Karamuak	peridotite	Pr	2	3.5	2	3	B.
78	LQ578	1498.74	4687.10	S. Karamuak	peridotite	Pr	2	2.5	3	3	B.
79	LQ579	1498.68	4687.45	S. Karamuak	peridotite	Pr	1	3.0	4	1	B.
80	LQ580	1499.33	4685.75	S. Karamuak	peridotite	Pr	1	3.5	2	2	D.B.
81	LQ581	1499.58	4686.00	S. Karamuak	—	Pr	1	2.5	2	2	B.
82	LQ582	1499.16	4686.40	S. Karamuak	—	Pr	2	2.0	2	3	B.
83	LQ583	1499.32	4686.66	S. Karamuak	—	Pr	2	1.5	2	2	B.
84	LQ584	1499.42	4686.97	S. Karamuak	—	Pr	1	2.0	2	3	R.B.
85	LQ585	1499.47	4687.28	S. Karamuak	peridotite	Pr	1	1.0	3	3	R.B.

*1: none (0), puddle (1), slow (2), moderate (3), fast (4)

*2: coarse grained (1), medium grained (2), fine grained (3), clayey (4)

Appendix 23

Analytical results of stream sediment
geochemical samples in Area Q

List of Geochemical Analysis (1)

Ser. No.	Sample No.	Location (km)	X-coord	Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mb ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
1	LQ501	4682.350	1503.130	18	5	8	305	6952	92	94	.04	2.92	2123	>	.04	2618	>	.012	326.4	1	.16	>	>	252	
2	LQ502	4682.740	1504.960	24	4	15	1504	7043	114	93	.04	2.93	2302	>	.06	2729	>	.015	218.7	1	.17	>	>	204	
3	LQ503	4682.910	1504.720	6	7	20	292	7226	129	104	.04	2.17	2250	>	.07	2219	>	.014	152.4	2	.19	>	>	159	
4	LQ504	4683.270	1504.440	28	2	9	394	6883	58	86	.04	4.47	2494	>	.04	3483	>	.012	351.5	2	.09	>	>	310	
5	LQ505	4683.560	1504.610	42	3	6	398	6817	59	99	.04	5.24	2341	>	.02	3521	>	.014	421.8	3	.09	>	>	311	
6	LQ506	4683.960	1504.540	35	1>	4	172	7145	30	71	.04	11.97	1150	>	.03	3778	>	.015	115.1	1	.04	>	>	181	
7	LQ507	4682.980	1505.400	38	1>	7	213	6887	22	71	.04	8.61	1489	>	.05	2756	>	.023	380.3	1	.05	>	>	316	
8	LQ508	4683.270	1505.550	22	1>	5	194	7020	24	66	.03	8.75	1484	>	.01	2712	>	.014	244.7	1>	.04	>	>	243	
9	LQ509	4682.960	1504.790	43	2	6	341	6869	62	85	.03	3.11	2527	>	.02	3325	>	.014	372.4	1>	.12	>	>	282	
10	LQ510	4683.400	1505.080	37	2	9	384	6984	65	94	.04	5.36	2741	>	.04	4330	>	.014	254.6	1	.12	>	>	237	
11	LQ511	4683.490	1504.810	27	2	10	412	6979	61	93	.04	6.04	2809	>	.04	4271	>	.015	250.0	1	.05	>	>	246	
12	LQ512	4683.750	1505.000	34	1>	12	364	6681	40	63	.04	3.27	2458	>	.10	2771	>	.019	568.5	2	.08	>	>	359	
13	LQ513	4683.140	1504.150	7	6	15	399	6724	325	71	.04	4.57	3275	>	.03	4355	>	.011	243.4	1>	.29	>	>	398	
14	LQ514	4683.260	1504.360	26	3	11	551	6991	65	74	.04	4.11	2841	>	.02	4204	>	.012	301.6	1>	.05	>	>	245	
15	LQ515	4683.450	1504.110	29	5	8	449	6933	58	72	.03	4.11	2841	>	.02	4204	>	.012	301.6	1>	.05	>	>	264	
16	LQ516	4682.100	1502.890	29	2	17	394	7069	153	104	.07	1.86	2168	>	.14	2989	>	.030	237.4	5	.15	>	>	377	
17	LQ517	4682.230	1502.970	30	2	9	362	6732	132	80	.05	2.07	2160	>	.05	2711	>	.013	675.0	2	.21	>	>	463	
18	LQ518	4682.500	1503.240	4	4	25	345	6606	111	69	.04	2.09	2590	>	.03	2617	>	.011	850.0	1>	.23	>	>	469	
19	LQ519	4682.870	1503.400	8	3	5	380	6347	65	62	.04	2.45	2093	>	.03	2617	>	.011	850.0	1>	.23	>	>	443	
20	LQ520	4682.590	1500.920	18	3	41	66	4527	90	81	.13	2.1	368	>	.03	1167	>	.011	31.5	19	.26	>	>	43	
21	LQ521	4682.760	1501.460	32	1	13	297	6731	101	69	.07	2.10	1869	>	.05	3511	>	.013	593.0	4	.13	>	>	404	
22	LQ522	4682.930	1501.820	21	1>	14	272	6511	55	58	.09	2.92	1823	>	.06	3074	>	.010	744.8	5	.13	>	>	478	
23	LQ523	4682.890	1502.210	38	1	24	306	6707	43	58	.15	3.95	2328	>	.08	3523	>	.012	533.7	6	.15	>	>	391	
24	LQ524	4683.330	1501.130	44	80	6	377	6858	771	75	.04	1.29	3489	>	.03	3743	>	.014	417.2	1>	.06	>	>	347	
25	LQ525	4683.550	1501.270	21	42	3	215	6756	292	88	.04	3.18	1276	>	.02	2438	>	.013	527.7	1>	.05	>	>	380	
26	LQ526	4683.640	1501.580	18	36	3	253	6603	168	75	.04	4.61	1381	>	.01	3288	>	.012	654.0	1>	.05	>	>	432	
27	LQ527	4683.480	1501.920	32	1200	3	286	6631	88	58	.03	4.13	1461	>	.01	3455	>	.011	622.4	1>	.04	>	>	432	
28	LQ528	4683.440	1502.270	38	148	6	298	6763	114	71	.03	3.61	1141	>	.02	3880	>	.024	522.0	1>	.03	>	>	375	
29	LQ529	4683.800	1500.300	14	23	15	631	7087	508	170	.04	1.77	1745	>	.03	4352	>	.019	176.0	1	.14	>	>	249	
30	LQ530	4684.090	1500.460	18	148	8	249	6807	145	47	.04	2.30	1514	>	.09	2097	>	.010	582.4	3	.28	>	>	418	
31	LQ531	4684.480	1500.700	5	1>	6	259	6524	126	71	.04	2.23	1385	>	.14	2008	>	.019	845.5	4	.50	>	>	544	
32	LQ532	4684.790	1500.870	10	140	5	223	6698	97	58	.04	2.23	1385	>	.02	2057	>	.008	697.8	4	.18	>	>	494	
33	LQ533	4684.750	1501.050	10	140	5	251	6725	144	144	.04	2.26	1374	>	.02	2700	>	.012	596.0	1>	.16	>	>	448	
34	LQ534	4684.780	1501.270	50	8	7	399	6903	177	97	.04	3.90	2533	>	.05	4345	>	.014	337.9	1>	.13	>	>	319	
35	LQ535	4685.010	1501.550	34	1>	6	333	6814	142	83	.03	2.65	2326	>	.02	3485	>	.010	425.3	1>	.14	>	>	357	
36	LQ536	4685.060	1502.060	32	18	10	502	6866	492	132	.04	1.57	3419	>	.04	4345	>	.013	391.4	1>	.11	>	>	335	
37	LQ537	4684.940	1502.390	35	13	5	288	6923	496	97	.04	1.85	1498	>	.03	3609	>	.021	396.9	1>	.11	>	>	326	
38	LQ538	4685.040	1502.690	43	24	10	364	6964	232	76	.03	1.62	2945	>	.02	3862	>	.010	369.2	1>	.08	>	>	300	
39	LQ539	4685.230	1503.000	48	33	8	239	7056	252	52	.04	3.39	1703	>	.03	4392	>	.011	213.1	1>	.20	>	>	231	
40	LQ540	4685.120	1503.000	34	69	5	205	6818	133	63	.03	4.06	1385	>	.01	3695	>	.014	462.6	1>	.15	>	>	348	
41	LQ541	4683.980	1500.900	15	5	3	164	6945	116	65	.04	1.90	1048	>	.06	1478	>	.012	484.0	3	.78	>	>	363	
42	LQ542	4684.320	1500.810	16	1	12	341	7081	168	90	.06	1.18	2513	>	.06	2682	>	.018	190.5	17	1.92	>	>	211	
43	LQ543	4684.810	1500.810	16	15	18	571	6978	296	190	.04	1.03	4914	>	.08	4356	>	.015	275.0	2	.26	>	>	305	
44	LQ544	4684.400	1501.540	24	4	2	289	6770	333	88	.03	2.30	1896	>	.02	3324	>	.011	557.9	1>	.07	>	>	414	
45	LQ545	4684.290	1501.910	29	4	7	398	6871	321	119	.04	1.32	2746	>	.06	4351	>	.019	373.0	1>	.05	>	>	343	
46	LQ546	4684.170	1502.160	39	3	8	416	6925	303	80	.04	1.80	2932	>	.04	4106	>	.012	392.1	1>	.06	>	>	332	
47	LQ547	4684.160	1502.520	33	21	5	357	6880	266	120	.03	2.18	1934	>	.03	3538	>	.014	430.0	1>	.06	>	>	344	
48	LQ548	4684.210	1502.810	33	1>	7	371	7124	322	80	.03	1.43	2821	>	.01	3517	>	.009	218.4	1>	.07	>	>	292	
49	LQ549	4684.300	1503.090	50	3	5	355	6921	161	96	.04	3.06	2105	>	.03	3860	>	.016	330.3	1>	.08	>	>	223	
50	LQ550	4684.460	1503.430	19	1>	4	176	6850	87	54	.03	5.97	1329	>	.02	2461	>	.011	433.0	1>	.11	>	>	351	