

Sample List for Soil Geochemistry

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile (cm)				Vegetation				
		X	Y						0	100	G	S		T	H		
241	G03 1 8200	682102	8911250	Alluvial deposits	Qa	B	100	G					R	C	F	D	Primary
242	1 8300	682102	8911350	Alluvial deposits	Qa	B	100	GB					R	C	F	D	Primary
243	1 8400	682102	8911450	Bi-granite	Pxgg	B	100	YB					R	C	F	D	Primary
244	1 8500	682102	8911550	Bi-granite	Pxgg	B	100	B					R	C	F	D	Primary
245	G04 0 6300	683302	8899350	Bi-granite	Pxgg	B	100	R					R	C	F	W	Primary
246	0 6400	683302	8899450	Bi-granite	Pxgg	B	100	R					R	C	F	W	Primary
247	0 6500	683302	8899550	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
248	0 6600	683302	8899650	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
249	0 6700	683302	8899750	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
250	0 6800	683302	8899850	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
251	0 6900	683302	8899950	Alluvial deposits	Qa	A	100	DB					M	S/C	F	W	Primary
252	0 7000	683302	8900050	Alluvial deposits	Qa	A	100	B					R	S/C	F	W	Primary
253	0 7100	683302	8900150	Alluvial deposits	Qa	A	100	G					R	C/S	F	W	Primary
254	0 7200	683302	8900250	Alluvial deposits	Qa	A	100	YG					R	C	F	W	Primary
255	0 7300	683302	8900350	Bi-granite	Pxgg	B	100	R					R	C	F	W	Primary
256	0 7400	683302	8900450	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
257	0 7500	683302	8900550	Bi-granite	Pxgg	B	100	DRB					R	C	F	W	Primary
258	0 7600	683302	8900650	Bi-granite	Pxgg	B	100	DRB					R	C	F	W	Primary
259	0 7700	683302	8900750	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
260	0 7800	683302	8900850	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Primary
261	0 7900	683302	8900950	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Secondary
262	0 8000	683302	8901050	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Secondary
263	0 8100	683302	8901150	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Secondary
264	0 8200	683302	8901250	Bi-granite	Pxgg	B	100	R					R	C	F	W	Secondary
265	0 8300	683302	8901350	Bi-granite	Pxgg	B	100	R					R	C	F	W	Secondary
266	0 8400	683302	8901450	Bi-granite	Pxgg	B	100	DR					R	C	F	W	Secondary
267	0 8500	683302	8901550	Bi-granite	Pxgg	B	100	DRB					R	C	F	W	Secondary
268	0 8600	683302	8901650	Bi-granite	Pxgg	B	100	DB					R	C	F	W	Secondary
269	0 8700	683302	8901750	Bi-granite	Pxgg	B	100	DB					R	C	F	W	Secondary
270	0 8800	683302	8901850	Bi-granite	Pxgg	B	100	DB					R	C	F	W	Secondary
271	0 8900	683302	8901950	Bi-granite	Pxgg	B	100	DB					R	C	F	W	Secondary
272	0 9000	683302	8902050	Bi-granite	Pxgg	B	100	DB					R	C	F	W	Secondary
273	0 9100	683302	8902150	Bi-granite	Pxgg	B	100	RB					R	C	F	W	Secondary
274	0 9200	683302	8902250	Bi-granite	Pxgg	B	100	RB					R	C	F	W	Secondary
275	0 9300	683302	8902350	Bi-granite	Pxgg	B	100	YB					R	C	F	W	Secondary
276	0 9400	683302	8902450	Alluvial deposits	Qa	A	100	WG					R	C	F	W	Secondary
277	0 9500	683302	8902550	Alluvial deposits	Qa	A	100	WG					R	C	F	W	Secondary
278	0 9600	683302	8902650	Alluvial deposits	Qa	A	100	WG					R	S/C	F	W	Secondary
279	0 9700	683302	8902750	Alluvial deposits	Qa	A	100	B					R	C	F	W	Secondary
280	0 9800	683302	8902850	Bi-granite	Pxgg	B	100	YB					R	C	F	W	Secondary
281	0 9900	683302	8902950	Bi-granite	Pxgg	B	100	YB					R	C	F	W	Secondary
282	1 0000	683302	8903050	Bi-granite	Pxgg	B	100	YB					R	C	F	W	Primary
283	1 0100	683302	8903150	Bi-granite	Pxgg	B	100	YB					R	C	F	W	Primary
284	1 0200	683302	8903250	Alluvial deposits	Qa	A	100	B					R	S	F	W	Primary
285	1 0300	683302	8903350	Alluvial deposits	Qa	A	100	WG					R	S	F	W	Primary
286	1 0400	683302	8903450	Alluvial deposits	Qa	A	100	G					R	C	F	W	Primary
287	1 0500	683302	8903550	Alluvial deposits	Qa	A	100	G					R	C	F	W	Primary
288	1 0600	683302	8903650	Alluvial deposits	Qa	B	100	R					R	C	F	W	Primary
289	1 0700	683302	8903750	Bi-granite	Pxgg	B	100	R					R	C	F	W	Primary
290	1 0800	683302	8903850	Bi-granite	Pxgg	B	100	RB					R	C	M	W	Primary
291	1 0900	683302	8903950	Bi-granite	Pxgg	B	100	RB					R	C	F	W	Primary
292	1 1000	683302	8904050	Bi-granite	Pxgg	B	100	YB					R	C	F	W	Primary
293	1 1100	683302	8904150	Bi-granite	Pxgg	B	100	YB					R	C	M	W	Primary
294	1 1200	683302	8904250	Alluvial deposits	Qa	A	100	WG					R	S/C	F	W	Primary
295	1 1300	683302	8904350	Alluvial deposits	Qa	B	100	R					R	C	F	W	Primary
296	1 1400	683302	8904450	Bi-granite	Pxgg	B	100	R					R	C	F	W	Primary
297	1 1500	683302	8904550	Bi-granite	Pxgg	B	100	R					R	C	F	W	Primary
298	1 1600	683302	8904650	Bi-granite	Pxgg	B	100	RB					R	C	F	W	Primary
299	1 1700	683302	8904750	Bi-granite	Pxgg	B	100	RB					R	C	F	W	Primary
300	1 1800	683302	8904850	Bi-granite	Pxgg	B	100	RB					R	C	F	W	Primary

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

B:brown, G:grey, R:red, Y:yellow, W:white, L:light, D:dark gray □ A layer ▣ A/B layer ■ B layer ▤ C layer

Sample List for Soil Geochemistry

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile (cm)		G. *1	S. *2	T. *3	H. *4	Vegetation
		X	Y						0	100					
301	G04 1 1900	683302	8904950	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Primary
302	1 2000	683302	8905050	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
303	1 2100	683302	8905150	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
304	1 2200	683302	8905250	Bi-granite	Pxgg	B	100	YB			R	C	F	W	Primary
305	1 2300	683302	8905350	Alluvial deposits	Qa	B	100	YR			M	C	F	W	Primary
306	1 2400	683302	8905450	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
307	1 2500	683302	8905550	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
308	1 2600	683302	8905650	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
309	1 2700	683302	8905750	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
310	1 2800	683302	8905850	Bi-granite	Pxgg	B	100	YR			R	C	F	W	Secondary
311	1 2900	683302	8905950	Bi-granite	Pxgg	B	100	YR			R	C	F	W	Secondary
312	1 3000	683302	8906050	Bi-granite	Pxgg	B	100	B			R	C	F	W	Secondary
313	1 3100	683302	8906150	Bi-granite	Pxgg	B	100	Y			R	C/S	F	W	Secondary
314	1 3200	683302	8906250	Bi-granite	Pxgg	B	100	YR			R	C	F	W	Secondary
315	1 3300	683302	8906350	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Primary
316	1 3400	683302	8906450	Alluvial deposits	Qa	B	100	YB			R	C	F	W	Primary
317	1 3500	683302	8906550	Bi-granite	Pxgg	B	100	YB			R	C	F	W	Primary
318	1 3600	683302	8906650	Bi-granite	Pxgg	B	100	YB			R	C	F	W	Primary
319	1 3700	683302	8906750	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
320	1 3800	683302	8906850	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
321	1 3900	683302	8906950	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
322	1 4000	683302	8907050	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
323	1 4100	683302	8907150	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
324	1 4200	683302	8907250	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
325	1 4300	683302	8907350	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
326	1 4400	683302	8907450	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
327	1 4500	683302	8907550	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
328	1 4600	683302	8907650	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
329	1 4700	683302	8907750	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
330	1 4800	683302	8907850	Bi-granite	Pxgg	B	100	R			R	C	F	W	Primary
331	1 4900	683302	8907950	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Primary
332	1 5000	683302	8908050	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Primary
333	1 5100	683302	8908150	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Primary
334	1 5200	683302	8908250	Bi-granite	Pxgg	B	100	DB			R	C	F	W	Primary
335	1 5300	683302	8908350	Bi-granite	Pxgg	B	100	B			R	C	F	W	Primary
336	1 5400	683302	8908450	Alluvial deposits	Qa	A	100	WG			R	C	F	W	Primary
337	1 5500	683302	8908550	Alluvial deposits	Qa	A	100	WG			R	C	F	W	Primary
338	1 5600	683302	8908650	Alluvial deposits	Qa	A	100	B			R	C/S	F	W	Secondary
339	1 5700	683302	8908750	Alluvial deposits	Qa	A	100	B			R	C	F	W	Secondary
340	1 5800	683302	8908850	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
341	1 5900	683302	8908950	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
342	1 6000	683302	8909050	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
343	1 6100	683302	8909150	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
344	1 6200	683302	8909250	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
345	1 6300	683302	8909350	Bi-granite	Pxgg	B	100	DR			R	C	F	W	Secondary
346	1 6400	683302	8909450	Bi-granite	Pxgg	B	100	DR			R	C	F	W	Secondary
347	1 6500	683302	8909550	Bi-granite	Pxgg	B	100	DR			R	C	F	W	Secondary
348	1 6600	683302	8909650	Bi-granite	Pxgg	B	100	DR			R	C	F	W	Secondary
349	1 6700	683302	8909750	Bi-granite	Pxgg	B	100	DR			R	C	F	W	Secondary
350	1 6800	683302	8909850	Bi-granite	Pxgg	B	100	DR			R	C	F	W	Secondary
351	1 6900	683302	8909950	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
352	1 7000	683302	8910050	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
353	1 7100	683302	8910150	Bi-granite	Pxgg	B	100	R			R	C	F	W	Secondary
354	1 7200	683302	8910250	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Secondary
355	1 7300	683302	8910350	Bi-granite	Pxgg	B	100	B			R	C	F	W	Secondary
356	1 7400	683302	8910450	Bi-granite	Pxgg	B	100	B			F	C	F	W	Secondary
357	1 7500	683302	8910550	Bi-granite	Pxgg	B	100	RB			R	C	F	W	Secondary
358	1 7600	683302	8910650	Alluvial deposits	Qa	A	100	B			R	C	F	W	Secondary
359	1 7700	683302	8910750	Alluvial deposits	Qa	A	100	G			R	C	F	W	Secondary
360	1 7800	683302	8910850	Alluvial deposits	Qa	A	100	G			R	S/C	F	W	Secondary

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

B:brown, G:grey, R:red, Y:yellow, W:white, L:light, D:dark gray □ A layer ▣ A/B layer ■ B layer ▤ C layer

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		X	Y						0	1	100			
361	G04 1 7900	683302	8910950	Alluvial deposits	Qa	A	100	B					R S F W	Secondary
362	1 8000	683302	8911050	Alluvial deposits	Qa	A	100	YB					R S F W	Secondary
363	1 8100	683302	8911150	Alluvial deposits	Qa	A	100	GB					R C F W	Primary
364	1 8200	683302	8911250	Alluvial deposits	Qa	A	100	GB					R C/S F W	Primary
365	1 8300	683302	8911350	Alluvial deposits	Qa	A	100	GB					R C F W	Primary
366	1 8400	683302	8911450	Alluvial deposits	Qa	A	100	GB					R C F W	Primary
367	1 8500	683302	8911550	Alluvial deposits	Qa	A	100	BG					R C F W	Primary
368	G05 0 5300	684502	8898350	Bi-granite	Pxgg	B	100	YB					R C F D	Secondary
369	0 5400	684502	8898450	Bi-granite	Pxgg	B	100	YB					R C F D	Secondary
370	0 5500	684502	8898550	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
371	0 5600	684502	8898650	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
372	0 5700	684502	8898750	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
373	0 5800	684502	8898850	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
374	0 5900	684502	8898950	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
375	0 6000	684502	8899050	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
376	0 6100	684502	8899150	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
377	0 6200	684502	8899250	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
378	0 6300	684502	8899350	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
379	0 6400	684502	8899450	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
380	0 6500	684502	8899550	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
381	0 6600	684502	8899650	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
382	0 6700	684502	8899750	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
383	0 6800	684502	8899850	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
384	0 6900	684502	8899950	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
385	0 7000	684502	8900050	Bi-granite	Pxgg	sand	100	DG					M S F D	Grass
386	0 7100	684502	8900150	Alluvial deposits	Qa	sand	100	DG					R S F W	Grass
387	0 7200	684502	8900250	Alluvial deposits	Qa	sand	100	DG					R S F W	Grass
388	0 7300	684502	8900350	Alluvial deposits	Qa	sand	100	G					M S F W	Grass
389	0 7400	684502	8900450	Alluvial deposits	Qa	sand	100	G					R S F W	Grass
390	0 7500	684502	8900550	Alluvial deposits	Qa	sand	100	G					R S F W	Grass
391	0 7600	684502	8900650	Alluvial deposits	Qa	sand	100	G					R S F W	Grass
392	0 7700	684502	8900750	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
393	0 7800	684502	8900850	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
394	0 7900	684502	8900950	Bi-granite	Pxgg	B	100	DB					R C F D	Secondary
395	0 8000	684502	8901050	Alluvial deposits	Qa	sand	100	G					F S F D	Secondary
396	0 8100	684502	8901150	Alluvial deposits	Qa	sand	100	G					M S F D	Secondary
397	0 8200	684502	8901250	Alluvial deposits	Qa	clay	100	G					R C F D	Secondary
398	0 8300	684502	8901350	Alluvial deposits	Qa	AB	100	DYG					R C F D	Secondary
399	0 8400	684502	8901450	Alluvial deposits	Qa	AB	100	DYB					R C F D	Secondary
400	0 8500	684502	8901550	Alluvial deposits	Qa	AB	100	DYB					R C F D	Secondary
401	0 8600	684502	8901650	Alluvial deposits	Qa	clay	100	DG					R C F D	Secondary
402	0 8700	684502	8901750	Alluvial deposits	Qa	clay	100	DYG					R C F D	Secondary
403	0 8800	684502	8901850	Alluvial deposits	Qa	AB	100	YG					R C F D	Secondary
404	0 8900	684502	8901950	Alluvial deposits	Qa	clay	100	G					R C F D	Secondary
405	0 9000	684502	8902050	Alluvial deposits	Qa	clay	100	G					R C F D	Secondary
406	0 9100	684502	8902150	Alluvial deposits	Qa	clay	100	G					R C F D	Secondary
407	0 9200	684502	8902250	Alluvial deposits	Qa	clay	100	G					R C F D	Secondary
408	0 9300	684502	8902350	Alluvial deposits	Qa	clay	100	G					R C F D	Secondary
409	0 9400	684502	8902450	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
410	0 9500	684502	8902550	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
411	0 9600	684502	8902650	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
412	0 9700	684502	8902750	Bi-granite	Pxgg	clay	100	G					R C F W	Secondary
413	0 9800	684502	8902850	Bi-granite	Pxgg	AB	100	DB					R C F D	Secondary
414	0 9900	684502	8902950	Bi-granite	Pxgg	AB	100	DB					R C F D	Secondary
415	1 0000	684502	8903050	Bi-granite	Pxgg	AB	100	DB					R C F D	Secondary
416	1 0100	684502	8903150	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
417	1 0200	684502	8903250	Bi-granite	Pxgg	AB	100	DB					R C F D	Secondary
418	1 0300	684502	8903350	Bi-granite	Pxgg	clay	100	BYB					R C F D	Secondary
419	1 0400	684502	8903450	Alluvial deposits	Qa	clay	100	G					R C F W	Secondary
420	1 0500	684502	8903550	Alluvial deposits	Qa	clay	100	G					R C F W	Secondary

*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)

B: brown, G: grey, R: red, Y: yellow, W: white, L: light, D: dark gray □ A layer ▣ A/B layer ■ B layer ▨ C layer

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		X	Y						0	100					
421	G05 1 0600	684502	8903650	Alluvial deposits	Qa	B	100	B			R	C	S	D	Secondary
422	1 0700	684502	8903750	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
423	1 0800	684502	8903850	Bi-granite	Pxgg	B	100	B			F	C	F	D	Secondary
424	1 0900	684502	8903950	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
425	1 1000	684502	8904050	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
426	1 1100	684502	8904150	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
427	1 1200	684502	8904250	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
428	1 1300	684502	8904350	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
429	1 1400	684502	8904450	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
430	1 1500	684502	8904550	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
431	1 1600	684502	8904650	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
432	1 1700	684502	8904750	Bi-granite	Pxgg	B	100	B			R	C	M	D	Secondary
433	1 1800	684502	8904850	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
434	1 1900	684502	8904950	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
435	1 2000	684502	8905050	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
436	1 2100	684502	8905150	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
437	1 2200	684502	8905250	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
438	1 2300	684502	8905350	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
439	1 2400	684502	8905450	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
440	1 2500	684502	8905550	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
441	1 2600	684502	8905650	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
442	1 2700	684502	8905750	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
443	1 2800	684502	8905850	Bi-granite	Pxgg	B	100	B			R	C	F	D	Fazenda
444	1 2900	684502	8905950	Alluvial deposits	Qa	AB	100	G			R	C	F	D	Secondary
445	1 3000	684502	8906050	Alluvial deposits	Qa	AB	100	G			R	C	F	D	Secondary
446	1 3100	684502	8906150	Alluvial deposits	Qa	B	100	B			R	C	F	D	Secondary
447	1 3200	684502	8906250	Alluvial deposits	Qa	B	100	B			R	C	F	D	Secondary
448	1 3300	684502	8906350	Bi-granite	Pxgg	clay	100	YB			R	C	M	D	Secondary
449	1 3400	684502	8906450	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
450	1 3500	684502	8906550	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
451	1 3600	684502	8906650	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
452	1 3700	684502	8906750	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
453	1 3800	684502	8906850	Alluvial deposits	Qa	clay	100	DG			R	C	F	D	Secondary
454	1 3900	684502	8906950	Alluvial deposits	Qa	clay	100	DG			R	C	F	D	Secondary
455	1 4000	684502	8907050	Alluvial deposits	Qa	clay	100	DG			R	C	F	D	Secondary
456	1 4100	684502	8907150	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
457	1 4200	684502	8907250	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
458	1 4300	684502	8907350	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
459	1 4400	684502	8907450	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
460	1 4500	684502	8907550	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
461	1 4600	684502	8907650	Bi-granite	Pxgg	clay	100	G			R	C	F	W	Secondary
462	1 4700	684502	8907750	Alluvial deposits	Qa	clay	100	G			R	C	F	W	Secondary
463	1 4800	684502	8907850	Alluvial deposits	Qa	sand	100	LG			R	C	F	W	Secondary
464	1 4900	684502	8907950	Alluvial deposits	Qa	clay	100	G			R	C	F	W	Secondary
465	1 5000	684502	8908050	Alluvial deposits	Qa	B	100	B			R	C	F	D	Secondary
466	1 5100	684502	8908150	Bi-granite	Pxgg	B	100	B			R	C	F	D	Secondary
467	1 5200	684502	8908250	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
468	1 5300	684502	8908350	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
469	1 5400	684502	8908450	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
470	1 5500	684502	8908550	Bi-granite	Pxgg	AB	100	DB			R	C	F	D	Secondary
471	1 5600	684502	8908650	Bi-granite	Pxgg	clay	100	DB			R	C	F	D	Secondary
472	1 5700	684502	8908750	Bi-granite	Pxgg	clay	100	DB			R	C	F	D	Secondary
473	1 5800	684502	8908850	Bi-granite	Pxgg	AB	100	DB			R	C	F	D	Secondary
474	1 5900	684502	8908950	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
475	1 6000	684502	8909050	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
476	1 6100	684502	8909150	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
477	1 6200	684502	8909250	Bi-granite	Pxgg	B	100	RB			R	C	F	D	Secondary
478	1 6300	684502	8909350	Alluvial deposits	Qa	clay	100	G			R	C	F	W	Secondary
479	1 6400	684502	8909450	Alluvial deposits	Qa	clay	100	G			R	C	F	W	Secondary
480	1 6500	684502	8909550	Bi-granite	Pxgg	AB	100	YG			R	C	F	D	Secondary

*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)

B: brown, G: grey, R: red, Y: yellow, W: white, L: light, D: dark gray □ A layer ▣ A/B layer ■ B layer ▨ C layer

Sample List for Soil Geochemistry

Ser. No.	Sample No.	Coordinates		Rock Name	Geolo. Unit	Horizon of Soil	Depth (cm)	Color	Soil Profile (cm)				Vegetation	
		X	Y						0	100	G. *1	S. *2		T. *3
481	G06 1 6600	684502	8909650	Bi-granite	Pxgg	AB	100	DB					R C F D	Secondary
482	1 6700	684502	8909750	Bi-granite	Pxgg	B	100	DRB					R C F D	Fazenda
483	1 6800	684502	8909850	Bi-granite	Pxgg	B	100	DRB					R C F D	Fazenda
484	1 6900	684502	8909950	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
485	1 7000	684502	8910050	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
486	1 7100	684502	8910150	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
487	1 7200	684502	8910250	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
488	1 7300	684502	8910350	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
489	1 7400	684502	8910450	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
490	1 7500	684502	8910550	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
491	1 7600	684502	8910650	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
492	1 7700	684502	8910750	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
493	1 7800	684502	8910850	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
494	1 7900	684502	8910950	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
495	1 8000	684502	8911050	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
496	1 8100	684502	8911150	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
497	1 8200	684502	8911250	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
498	1 8300	684502	8911350	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
499	1 8400	684502	8911450	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
500	1 8500	684502	8911550	Bi-granite	Pxgg	B	100	DRB					R C F D	Secondary
501	G06 0 4400	685702	8897450	Bi-granite	Pxgg	B	100	YR					R C F W	Secondary
502	0 4500	685702	8897550	Bi-granite	Pxgg	B	100	YR					R C F W	Secondary
503	0 4600	685702	8897650	Bi-granite	Pxgg	B	100	R					R C F W	Secondary
504	0 4700	685702	8897750	Bi-granite	Pxgg	B	100	R					F C F W	Secondary
505	0 4800	685702	8897850	Bi-granite	Pxgg	B	100	YR					R C F W	Secondary
506	0 4900	685702	8897950	Bi-granite	Pxgg	B	100	YB					R C F W	Secondary
507	0 5000	685702	8898050	Bi-granite	Pxgg	sand	100	YB					M C F D	Grass
508	0 5100	685702	8898150	Bi-granite	Pxgg	sand	100	B					M C F D	Secondary
509	0 5200	685702	8898250	Bi-granite	Pxgg	B	100	B					R C F D	Secondary
510	0 5300	685702	8898350	Alluvial deposits	Qa	B	100	B					F C F D	Grass
511	0 5400	685702	8898450	Alluvial deposits	Qa	A	100	G					R S/C F W	Secondary
512	0 5500	685702	8898550	Alluvial deposits	Qa	A	100	G					R S/C F W	Primary
513	0 5600	685702	8898650	Alluvial deposits	Qa	A	100	G					R S/C F W	Primary
514	0 5700	685702	8898750	Alluvial deposits	Qa	A	100	B					R S/C F W	Primary
515	0 5800	685702	8898850	Alluvial deposits	Qa	A	100	YB					M S/C F W	Primary
516	0 5900	685702	8898950	Bi-granite	Pxgg	B	100	R					R C F W	Primary
517	0 6000	685702	8899050	Bi-granite	Pxgg	B	100	DR					R C F W	Primary
518	0 6100	685702	8899150	Bi-granite	Pxgg	B	100	R					R C F W	Primary
519	0 6200	685702	8899250	Bi-granite	Pxgg	B	100	R					R C F W	Primary
520	0 6300	685702	8899350	Bi-granite	Pxgg	B	100	R					R C F W	Primary
521	0 6400	685702	8899450	Bi-granite	Pxgg	B	100	RB					R C F W	Primary
522	0 6500	685702	8899550	Bi-granite	Pxgg	B	100	DR					R C F W	Primary
523	0 6600	685702	8899650	Bi-granite	Pxgg	B	100	DRB					R C F W	Primary
524	0 6700	685702	8899750	Bi-granite	Pxgg	B	100	DRB					R C F W	Primary
525	0 6800	685702	8899850	Bi-granite	Pxgg	B	100	DR					R C F W	Secondary
526	0 6900	685702	8899950	Bi-granite	Pxgg	B	100	DR					R C F W	Secondary
527	0 7000	685702	8900050	Bi-granite	Pxgg	B	100	DR					R C F W	Secondary
528	0 7100	685702	8900150	Bi-granite	Pxgg	B	100	DR					R C F W	Secondary
529	0 7200	685702	8900250	Bi-granite	Pxgg	B	100	R					R C F W	Secondary
530	0 7300	685702	8900350	Bi-granite	Pxgg	B	100	R					R C F W	Secondary
531	0 7400	685702	8900450	Bi-granite	Pxgg	B	100	RB					R S/C F W	Secondary
532	0 7500	685702	8900550	Alluvial deposits	Qa	A	100	B					R S/C F W	Secondary
533	0 7600	685702	8900650	Alluvial deposits	Qa	A	100	DG					M S F W	Primary
534	0 7700	685702	8900750	Alluvial deposits	Qa	A	100	G					R C/S F W	Primary
535	0 7800	685702	8900850	Alluvial deposits	Qa	A	100	GB					R S/C F W	Primary
536	0 7900	685702	8900950	Alluvial deposits	Qa	A	100	G					R C F W	Primary
537	0 8000	685702	8901050	Bi-granite	Pxgg	B	100	B					R C M W	Primary
538	0 8100	685702	8901150	Bi-granite	Pxgg	B	100	YB					R C M W	Primary
539	0 8200	685702	8901250	Bi-granite	Pxgg	B	100	RB					R C F W	Primary
540	0 8300	685702	8901350	Bi-granite	Pxgg	B	100	R					R C F W	Primary

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

B: brown, G: gley, R: red, Y: yellow, W: white, L: light, D: dark gray □ A layer ▣ A/B layer ■ B layer ▤ C layer