Stop 2-24	, road cut near th	ie big qu	arry closed				,
DATE	LOCATION		COORDINATION			SAMPLE No.	ROCK
2001/ 09/23			EASTING		NORTHING		
10:30		22J	0,549,726	UTM	7,258,706	Height	913 m

Photo: 299

The quarry is closed and is located at the mountain west of the road. The quarry is marked on the map of 1 to 250,000.

Gray dolerite, 200 meters in width, makes mountain.

Small amount of pyrite disseminated. Also some amount of pyrite fills fracture.



Problems/task

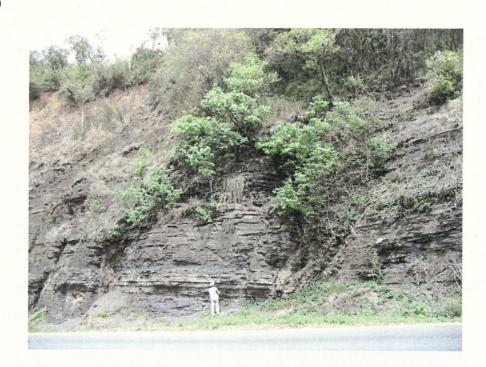
To compare the sulfur isotope in pyrite between in dykes or sills and sedimentary rocks underlain.

Stop 2-25, Botucatu formation?									
DATE	LOCATION	COORDINATION			SAMPLE No.	ROCK			
2001/ 09/23		EASTING		NORTHING		KN025			
17:45		22J	0,544,909	UTM	7,267,269	Height	807 m		

Black shale in Irati formation?

Serra Geral formation (Parana basalt)
Boto Cato formation (Eolian, desert sand, yellow)
Rio do Rasto formation (Fluvial)
Strada Nova formation (Fluvial)
Irati formation (Shallow marine)
Photo: 300

Photo: 300



Problems/task

Can the sulphuric origin be discussed by comparing the sulfur in intrusions and intruded formation such as Iratí formation?

Stop 2-27	7, Reserva sill at R	eserva					
DATE	LOCATION	COORDINATION				SAMPLE No.	ROCK
2001/ 09/23	Reserva sill at Reserva	EASTING		NORTHING		AS014	
13:53		22J	0,513,834	UTM	7,275,570	Height	1044 m

On the top of the hill at Reserva.

Old quarry, like blocky hill.
Gabbroic texture is common(pyroxene and plagioclase). Long pyroxene has a 2 to 3 cm observed.

Pyrite along fractures and dissemination at the matrix (0.5 % of pyrite).

Photos: 302-308

