

Zone	Sample No	Coordinates WGS84		Elevation	Sample Type	Width (m)	Comments	Au	Ag	Cu	Pb
		East	North								
La Republicana	241261	384333	3422953	727	Channel	1.00	La Verde Mine, quartz tourmaline vein zone with vein/veinlets <80cm, with mineralization of pyrite and incipient chalcopyrite, strike 165/35	0.746	1.9	6	8
La Republicana	241263	384333	3422953	727	Channel	1.00	Sample taken inside of the mine, La Verde Mine, quartz tourmaline vein zone with vein/veinlets <80cm, with mineralization of pyrite and incipient chalcopyrite, strike 165/35	0.643	1.2	15	4
La Republicana	241269	385022	3423038	776	Channel	0.60	Quasi-stockwork of greynish white quartz veinlets (47°/S33°E/<2cm and 254°/N49°W/<1cm; presenting a medium density) with a low content of Fe oxides in edges and Cu carbonates as patches. Meta-rhyolite of moderate argillization and weakly-foliated as hos	1.835	15.7	47	280
La Republicana	241271	385017	3423039	776	Channel	1.30	Set of white quartz veinlets (34°/S25°E/<6cm; presenting a medium density) with a medium content of Fe oxides in edges and fractures. Phyllites of medium content of sericite and moderately foliated/folded as host rock.	0.546	5.2	6	86
La Republicana	241273	385051	3423023	786	Channel	0.90	Set of white quartz veinlets (297°/N39°E/<12cm; presenting a medium density) with a low content of Fe oxides in edges and cavities. Meta-rhyolite of weakly foliated, weak argillization in the groundmass and sericite mostly in the foliation planes and some weakly-silicified patches as host rock.	1.245	15.2	39	277
La Republicana	241275	385061	3423050	794	Channel	1.20	Set of white quartz veinlets (332°/N63°E/<20cm; presenting a high density) with a low content of Fe oxides in edges and cavities. Meta-rhyolite of weakly foliated, weak argillization in the groundmass and sericite mostly in the foliation planes and some weakly-silicified patches as host rock.	0.611	6.4	144	208
La Republicana	241276	385059	3423060	795	Channel	1.30	Set of white quartz veinlets (37°/S26°E/<22cm; presenting a high density) with a low content of Fe oxides in fractures and cavities. Strongly foliated/folded phyllite and moderate sericite mostly in the foliation planes as the host rock. Apparently located at the vein's up-side block.	1.025	9.3	125	204
La Republicana	241277	385060	3423061	795	Channel	1.00	Set of white quartz veinlets (330°/N36°E/<13cm; presenting a high density) with a low content of Fe oxides in fractures and cavities. Strongly foliated/folded phyllite and with a moderate sericite mostly in the foliation planes as the host rock. Upper extension of 241276.	0.551	5.7	84	116
La Republicana	241279	385064	3423065	795	Channel	1.10	Set of white quartz veinlets (304°/N19°E/<2cm; presenting a high density) with a very low content of Fe oxides in fractures; these cut foliation planes: 100°/S24°W. Moderately foliated/folded phyllite and with a medium content of sericite mostly in the foliation planes as the host rock. Sample located at 241278's structure's down-side block.	0.528	3.7	146	196
La Republicana	241281	385063	3423064	795	Channel	0.60	Set of parallel white quartz veinlets (256°/N65°E/<11cm; presenting a medium density) with a low to medium content of Fe oxides in fractures and sparse dark bandings of specularite. Strongly foliated/folded phyllite and with a moderate sericite mostly in the foliation planes as the host rock. Sample recollected from an old trench.	7.360	53.5	143	816

La Republicana	241282	385085	3423066	801	Dump	1.0 x 1.0	Eastern extension of 241278's structure with a ~86°/S64°E. Frags of white quartz with a moderate content of Fe oxides, patches of Fe-Cu sulfides and traces of Cu carbonates in cavities and fractures. Sample from a nearby dump.	3.130	27	54	979
La Republicana	241284	385038	3423088	783	Channel	1.10	White quartz vein (154°/upper angle: S45°W) with a medium content of Fe oxides in fractures and cavities; specularite patches and tiny patches of Cu carbonates. Sample recollected from the structure's up-side block.	2.830	50.6	456	11200
La Republicana	241289	384984	3423096	786	Channel	0.80	Set of white - light gray quartz veinlets (332°/N24°E/<3cm; presenting a high density) with a medium content of Fe oxides in fractures (high as patches; possible Fe carbonates). Phyllite of moderate to strongly folded/foliated with a moderate sericite mostly in the foliation planes as the host rock. Apparently this sample is located at the up-side block.	1.350	3.5	100	52
La Republicana	241298	384952	3423127	797	Selective	1.0 x 1.0	Sub-outcrop of white quartz with a low content of Fe oxides in edges and cavities. Possible extension of 241364's structure. Approximate strike of 315°, undefined angle and width.	2.320	21.5	40	142
La Republicana	241354	384898	3423214	809	Channel	0.25	White quartz vein (135°/S71°W/<22cm; located at the fault up-side). Scattered oxidized pyrite and low content of Fe oxides in fractures.	3.570	21.8	108	1170
La Republicana	241356	384904	3423204	813	Channel	1.20	White quartz vein (158°/S80°W/<1.2cm) of saccharoid look with a low content of Fe oxides in fractures and a very low content of oxidized pyrite; sparse specularite-filled thin bandings and traces of Cu carbonates.	10.950	95.4	498	4910
La Republicana	241357	384919	3423185	813	Channel	0.90	White quartz vein (165°/S63°W/<0.9cm) with a low content of Fe oxides in fractures and a very low content of oxidized pyrite; scarce light gray dots and specularite-filled patches.	2.720	35.8	119	563
La Republicana	241358	384928	3423166	815	Selective	1.0 x 1.0	White quartz vein frags on the possible structural trace with a medium to high content of Fe oxides in fractures and patches. Traces of Fe and Cu sulfides, specularite-filled patches and a medium content of oxidized pyrite. Undeterminate strike, dip and width.	39.200	265	561	3200
La Republicana	241359	384936	3423155	813	Selective	1.0 x 1.0	White quartz vein frags on the possible structural trace with a low content of Fe oxides in fractures and patches. Specularite-filled patches and a low content of oxidized pyrite. Undeterminate strike, dip and width.	7.370	80.3	74	3450
La Republicana	241362	384903	3423188	809	Channel	1.90	Set of white quartz veinlets (346°/N29°E/<16cm; presenting a high density and is opposite to foliation) with a low to medium content of Fe oxides filling in fractures and cavities. Phyllite of moderate to strong sericite and a moderate to strong intensity of foliation. It is located at vein's up-side block.	0.608	1.7	60	60
La Republicana	241363	384900	3423200	809	Channel	1.60	Set of white quartz veinlets (326°/N33°E/<7cm; presenting a high density and is opposite to foliation) with a low to medium content of Fe oxides filling in fractures and cavities. Phyllite of moderate to strong sericite and a moderate to strong intensity of foliation (171°/S13°W). It is located at vein's up-side block; it shows slickenside.	0.500	1.4	38	57

La Republicana	241371	384967	3423131	793	Channel	1.50	Set of white>light gray quartz veinlets (344°/N30°E/<7cm; presenting a high density) with a medium content of Fe oxides and Fe>>Cu carbonates in cavities; these structures are located at the main vein's top-side block and in opposite way to the foliation. Phyllite moderately-foliated and -folded as host rock; scattered, oxidized pyrite and a moderate to strong argilization.	2.740	18.8	43	436
La Republicana	241374	385062	3423109	802	Channel	0.80	Set of white quartz veinlets (307°/N26°-60°E/<3cm; presenting a medium density) with a medium content of Fe oxides in edges and Fe>>Cu carbonates in edges and cavities; these structures are located at the main vein's top-side block and in opposite way to the foliation. Phyllite moderately-foliated and -folded as host rock; scattered, oxidized pyrite and a moderate to strong argilization.	0.438	2.4	39	156
La Republicana	241375	385063	3423099	802	Channel	1.10	Set of white quartz veinlets (300°/N44°E/<7cm; presenting a high density) with a low to medium content of Fe carbonates in edges and cavities within of mineralized structures; this pack is located at the main vein's top-side block and in opposite way to the foliation. Phyllite strongly-foliated and -folded as host rock; disseminated, oxidized pyrite and a strong argilization.	1.110	7.1	145	285
La Republicana	241376	385080	3423087	798	Channel	1.40	White quartz vein (141°/S70°W) with a low content of Fe oxides in fractures and specularite in patches and bandings.	6.810	38.6	123	1735
La Republicana	241379	385087	3423087	797	Channel	0.90	Set of white>light gray quartz veinlets (105°/S64°W/<17cm; presenting a high density) with a medium to high content of Fe oxides in fractures and Fe carbonates in cavities;this pack is located at the La Republicana vein's up-side block. Phyllite of moderate kaolinite and sericite, strongly-foliated and -folded as host rock; scattered, oxidized pyrite.	24.400	44.7	221	2110
La Republicana	241382	385086	3423083	800	Channel	0.90	White quartz vein (125°/S74°W) with a medium to high content of Fe oxides in fractures and specularite in patches and bandings.	13.800	113	175	2670
La Republicana	241385	385097	3423079	800	Selective	1.0 x 0.5	Frag of white quartz with a low content of Fe oxides in fractures. Sample recollected on the La Republicana vein trace.	11.450	111	82	2040
La Republicana	241386	385112	3423061	795	Channel	0.50	White quartz vein (128°/S50°W) with a low content of Fe oxides in fractures and edges. Sample recollected from an old adit.	0.845	7.2	105	563
La Republicana	241387	385114	3423060	795	Channel	0.90	Set of white quartz veinlets (324°/N23°E/<4cm; presenting a high density) with a low to medium content of Fe oxides in fractures and cavities, probably sidetite in cavities; this pack is located at the La Republicana vein's down-side block. Phyllite of low to medium content of sericite, moderately-foliated (114°/S29°W) and weakly-folded as host rock. Sample recollected from an old adit.	1.380	10	571	630
La Republicana	241388	385116	3423060	795	Channel	0.90	Set of white quartz veinlets (315°/N34°E/<13cm; presenting a high density) with a low to medium content of Fe oxides in fractures and cavities, probably sidetite in cavities and specularite in patches; this pack is located at the La Republicana vein's down-side block. Phyllite of low to medium content of sericite, moderately-foliated (114°/S29°W) and weakly-folded as host rock. Sample recollected from an old adit.	16.950	131	539	6650
La Republicana	241389	385123	3423053	793	Channel	0.90	White quartz vein (113°/S37°W) with a medium content of Fe oxides in fractures and specularite in patches and bandings. Sample recollected from an old adit.	2.980	15.4	200	938

La Republicana	241391	385111	3423004	790	Channel	0.90	Quasi-stockwork of white quartz veinlets (306°/N35°E/<2cm and 172°/S76°W/<3cm; presenting a medium density) with a low to medium content of Fe oxides in edges and Cu carbonates as patches. Meta-rhyolite of moderate argillization and weakly-foliated as host rock.	0.124	12	1830	26
La Republicana	241392	385105	3423000	792	Channel	0.50	Set of brownish white quartz veinlets (309°/N58°E/<2cm; presenting a medium density and in opposite way to the foliation: 112°/S17°W) with a medium content of Fe oxides in edges and fractures, Fe carbonates filling in cavities. Meta-rhyolite of moderate sericite/silicification as host rock.	0.437	6.7	73	2180
La Republicana	241393	385113	3422992	788	Channel	0.50	Set of white quartz veinlets (195°/N64°W/<4cm; presenting a medium density) with a low to medium content of Fe oxides in edges and Cu carbonates as patches. Meta-rhyolite of moderate argillization and weakly-foliated as host rock.	0.046	7.4	1940	17
La Republicana	241394	385111	3422978	788	Channel	0.80	Light gray quartz vein (213°/S52°W) with a medium content of Fe oxides in fractures, Fe-Cu sulfides as patches and Fe carbonates in cavities. Structure cut perpendicular to the foliation: 115°/S54°W. Sample recollected from an old adit.	0.303	26.1	6920	33
La Republicana	241395	385112	3422972	789	Channel	0.80	Light gray quartz vein (202°/S34°W) with a medium content of Fe oxides in fractures, Fe-Cu sulfides as patches and Fe carbonates in cavities. Structure cut perpendicular to the foliation. Sample recollected from an old adit.	0.376	26.5	4490	15
La Republicana	241396	385113	3422971	787	Channel	1.60	Set of white quartz veinlets (315°/N79°W/<5cm; presenting a high density) with a low to medium content of Fe oxides in edges fractures. Meta-rhyolite of moderate to strong (as halos) silicification and weakly-foliated as host rock. Pack is located at the La Republicana vein's down-side block.	0.821	64.6	8560	39
La Republicana	241397	385102	3422956	785	Channel	0.50	White quartz vein (238°/N60°W/<20cm) with a low to medium content of Fe oxides in edges fractures. Meta-rhyolite of moderate to strong (as halos) silicification and weakly-foliated as host rock.	0.133	20.7	1365	23
La Republicana	241398	385095	3422931	788	Channel	0.90	SW-extension of La Republicana vein (193°/N52°W) with a medium content of Fe oxides in edges and fractures, Fe-Cu sulfides as patches and Cu carbonates as dots. Meta-rhyolite of moderate sericite/silicification (strong as halos) and weakly-foliated as host rock.	0.346	13.9	945	19
La Republicana	241399	385085	3422917	788	Channel	0.80	Southernmost trace of La Republicana structure (200°/N73°W/<1cm; presenting a medium density) with a low content of Fe oxides in edges and fractures and Cu carbonates as dots.	0.166	15.5	4300	25
La Republicana	241401	384679	3422975	750	Channel	0.50	Quartz-tourmaline veinlets <50cm width, with mineralization of siderite, pyrite and rare chalcopyrite with patches of malachite, general strike 65/30	2.960	5.6	63	9
La Republicana	241402	384679	3422975	750	Channel	0.50	Quartz-tourmaline veinlets <50cm width, with mineralization of siderite, pyrite and rare chalcopyrite with patches of malachite, general strike 65/30	0.773	0.9	22	21
La Republicana	241403	384679	3422975	750	Channel	0.50	Quartz-tourmaline veinlets <50cm width, with mineralization of siderite, pyrite and rare chalcopyrite with patches of malachite, general strike 65/30	5.680	11.4	19	10

La Republicana	241404	384675	3422981	750	Channel	0.50	Quartz-tourmaline veinlets <50cm width, with mineralization of siderite, pyrite and rare chalcopyrite with patches of malachite, general strike 65/30	4.510	7.2	67	15
La Republicana	241405	384361	3422953	723	Channel	1.00	Quartz-tourmaline vein of 1 m width, with mineralization of pyrite, chalcopyrite and rare fine malachite, patches of turgite in fractures, strike of vein 260/35, Same vein of La Verde Old Mine	0.305	0.9	177	<2
La Republicana	241406	384316	3422975	734	Chip	1.00	Chip sample taken in a quartz vein with patches of hematite and jarosite, general strike 100°/40°	0.869	4.8	22	14
La Republicana	241407	384290	3422984	736	Chip	1.00	Chip sample taken in a quartz vein with patches of hematite and jarosite, general strike 110°/40°	1.100	2.7	15	2
La Republicana	241408	384243	3423016	740	Chip	1.00	Chip sample taken in a quartz vein with patches of hematite and jarosite, apparent width of the vein =3m., younger dextral fault cut to the vein with a strike= 345°/78°	0.797	1.5	11	21
La Republicana	241409	384202	3423074	741	Chip	1.00	Chip sample taken in a quartz vein with patches of hematite and jarosite, general strike 100°/40°	0.392	1.4	125	7
La Republicana	241413	384103	3423075	740	Channel	0.50	Channel Sample taken in a quartz-tourmaline vein with oxidized pyrite mineralization, traces of arsenopyrite in quartz. (same vein of the sample 241411).	0.558	7.6	44	13
La Republicana	241416	384002	3423100	754	Chip	1.00	Channel sample taken in a tourmaline vein with rare quartz, with oxidized pyrite mineralization, same vein of the sample 241411.	0.563	0.4	4	15
La Republicana	241424	384147	3422765	704	Chip	1.00	Meta andesite (agglomerate?) with quartz hairlines, incipient mineralization of pyrolusite, hematite, malachite, brochantite and chrysocolla was observed.	0.020	1.7	3040	5
La Republicana	241425	383910	3422876	755	Channel	1.10	Quartz-tourmaline breccia, with meta andesite fragments with traces of malachite and chrysocolla, this structure have 1.1m width, 15m long and strike of 340°/65°	0.627	14	7710	3
La Republicana	241426	383714	3423094	823	Channel	0.50	Quartz-tourmaline veins zone with irregular mineralization of chalcocite, malachite, and oxidized pyrite, sample 241426 was taken in a vein of 1 m of width, with moderate concentration in chalcocite, sample 241427 was taken in a wide quartz vein with poor malachite and chalcocite. The mineralization in this area is very irregular, most veins are only quartz.	3.710	28.1	13400	<2
La Republicana	241431	384101	3422908	708	Channel	1.00	Quartz-tourmaline vein with incipient mineralization of malachite and rare chalcocite, general strike 125°/60°	1.405	11.8	2770	2
La Republicana	241432	384031	3422964	726	Chip	0.50	Quartz tourmaline vein, of 30cm width and 15 m long, with mineralization of chalcocite (nodules<2cm) and secondary malachite, azurite, chrysocolla and oxidized pyrite, in the footwall of this structure quartz hairlines with pyrolusite, hematite and malachite was observed. sample 241432 was taken in the vein, sample 241433 was taken in a wallrock.	0.809	39.2	7540	<2
La Republicana	241433	384031	3422964	726	Chip	1.00	Quartz tourmaline vein, of 30cm width and 15 m long, with mineralization of chalcocite (nodules<2cm) and secondary malachite, azurite, chrysocolla and oxidized pyrite, in the footwall of this structure quartz hairlines with pyrolusite, hematite and malachite was observed. sample 241432 was taken in the vein, sample 241433 was taken in a wallrock.	0.030	9.8	10500	2

La Republicana	241434	384045	3422925	715	Channel	0.50	Quartz-tourmaline vein 0.5 m wide, 2 m long and trending 120°/65°, with incipient malachite patches replacing fine chalcocite crystals. 0.5 m channel sample perpendicular to the structure.	3.430	7.4	2050	<2
La Republicana	241443	384489	3422669	775	Channel	1.00	La Verde1 Mine: Malachite patches between foliation planes associated with the emplacement of quartz veinlets up to 10 cm with mineralization of alive hematite, oxidized pyrite, chalcopyrite, neotosite? and manganese oxides, foliation and vein strike 55°/45°	0.249	2.3	3090	216
La Republicana	241444	384489	3422669	775	Channel	1.00	La Verde1 Mine 1: Malachite patches between foliation planes associated with the emplacement of quartz veinlets up to 10 cm with mineralization of alive hematite, oxidized pyrite, chalcopyrite, neotosite? and manganese oxides, foliation and vein strike 55°/45°	0.081	0.7	19500	55
La Republicana	241445	384489	3422669	775	Channel	1.00	La Verde1 Mine: Malachite patches between foliation planes associated with the emplacement of quartz veinlets up to 10 cm with mineralization of alive hematite, oxidized pyrite, chalcopyrite, neotosite? and manganese oxides, foliation and vein strike 55°/45°	0.010	0.5	3270	18
La Republicana	241446	384470	3422647	766	Channel	1.00	La Verde1 Mine: Channel sample perpendicular to the meta-andesite foliation (strike 50°/35°) with incipient malachite stains between the foliation planes. Decrease in copper minerals in relation to previous samples	<0.005	<0.2	951	14
La Republicana	241447	384458	3422626	761	Channel	1.00	La Verde 1 Mine: Quartz-tourmaline vein up to 35 cm thick and 10 m long, located between the foliation planes of meta-andesite, strike 340°/25°, mineralization of chalcopyrite, bornite, pyrite, malachite is observed , brochantite, alive hematite neotosite and incipient jarosite.	0.220	0.7	11000	45
La Republicana	241448	384458	3422626	761	Channel	1.00	La Verde 1 Mine: Quartz-tourmaline vein up to 35 cm thick and 10 m long, located between the foliation planes of meta-andesite, strike 340°/25°, mineralization of chalcopyrite, bornite, pyrite, malachite is observed , brochantite, alive hematite neotosite and incipient jarosite.	0.285	1.3	4960	76
La Republicana	241449	384458	3422626	761	Channel	1.00	La Verde 1 Mine: Quartz-tourmaline vein up to 35 cm thick and 10 m long, located between the foliation planes of meta-andesite, strike 340°/25°, mineralization of chalcopyrite, bornite, pyrite, malachite is observed , brochantite, alive hematite neotosite and incipient jarosite.	0.047	2.3	7220	668
La Republicana	241450	384458	3422626	761	Dump	1.00	La Verde 1 Mine: Quartz-tourmaline vein up to 35 cm thick and 10 m long, located between the foliation planes of meta-andesite, strike 340°/25°, mineralization of chalcopyrite, bornite, pyrite, malachite is observed , brochantite, alive hematite neotosite and incipient jarosite.	0.042	0.8	10850	45
La Republicana	241564	384908	3422935	744	Channel	1.30	Set of white-light gray quartz veinlets (72°/S47°E/<4cm; presenting a high density) with a low to medium content of Fe oxides in patches and edges. Phyllite of strong sericite, a moderate folding and a strong foliation; syngenetic oxidized pyrite scattered it. Outcrop near to meta-andesite's contact.	0.700	3.8	43	81

La Republicana	241566	384937	3422846	737	Channel	1.70	Set of white-light gray quartz veinlets (134°/S66°W/<4cm; presenting a low density) with a low content of Fe oxides in cavities and edges. Meta-rhyolite of moderate sericite/silicification (high as halos) and a weak foliation; high content of quartz eyes.	0.795	9	54	21
La Republicana	241572	384846	3422867	760	Channel	1.60	Set of white quartz veinlets (131°/S69°W/<4cm; presenting a high density) with a medium to high content of Fe oxides in cavities, edges and micro-veinlets; patches of specularite. Meta-rhyolite of moderate sericite/silicification and a weak foliation; high content of quartz eyes. Possible SE-ward extension of 241568's structure.	0.620	12.2	78	546
La Republicana	241574	384836	3422868	760	Channel	0.90	Set of white quartz veinlets (300°/N84°E/<3cm; presenting a medium density) with a medium content of Fe oxides in edges; greynish white quartz veinlets and malachite as traces. Meta-rhyolite of moderate sericite/silicification (strong as halos) and a weak foliation; high content of quartz eyes.	6.970	36.9	231	1270
La Republicana	241584	384825	3422866	754	Channel	0.90	Light gray dotted white vein (301°/N67°E/<26cm) with a medium to high content of Fe oxides in edges and cavities; sporadic patches of lead sulfides and copper carbonates as traches. Meta-rhyolite of moderate sericite/silicification (strong as halos) and a weak foliation; high content of quartz eyes.	5.140	154	109	22700
La Republicana	241585	384823	3422865	752	Channel	1.80	Set of white>>light gray quartz veinlets (131°/S70°W/<3cm; presenting a high density) with a low to medium content of Fe oxides in edges and cavities; sporadic lead sulfides as patches and copper carbonates as traces. Meta-rhyolite of moderate sericite/silicification (strong as halos) and a weak foliation; high content of quartz eyes.	9.640	97.9	297	2910
La Republicana	241604	385104	3422885	776	Channel	1.10	Set of white - light gray quartz veinlets (174°/S13°W/<4cm; presenting a high density) with a medium content of Fe-Cu sulfides as patches and Cu carbonates as leaching halos; traces of Pb sulfides; Fe oxides in fractures and edges. Meta-rhyolite of moderate sericite and a very weak foliation; halos of silicification around the structures.	0.085	16.3	3820	21
La Republicana	241607	385104	3422865	774	Channel	0.60	Set of white - light gray dotted quartz veinlets (224°/N53°W/<2cm; presenting a high density) with a low content of Fe-Cu sulfides as patches and Cu carbonates as leaching halos; traces of Pb sulfides; Fe oxides in fractures and edges. Meta-rhyolite of moderate sericite and a very weak foliation; halos of silicification around the structures.	0.075	7.5	2180	7
La Republicana	241608	385102	3422865	774	Channel	0.50	Set of white quartz veinlets (130°/S61°W/<4cm; presenting a medium density) with a low content of Fe oxides in fractures and edges. Meta-rhyolite of moderate sericite and a very weak foliation; halos of silicification around the structures.	0.417	33.6	4050	10
La Republicana	241617	385133	3422758	745	Channel	0.80	Set of white quartz veinlets (276°/N18°E/<1cm; presenting a medium density) with a low to medium content of Fe oxides in cavities and edges. Meta-rhyolite of moderate sericite/weak silicification (moderate as halos) and a moderately foliated (146°/S14°W). Sample recollected from an old and shallow ditch.	3.060	17.2	2290	31

La Republicana	241618	385095	3422723	743	Channel	2.00	Set of white quartz veinlets (127°/S88°W/<2cm; presenting a medium density) with a low content of Fe oxides in cavities and edges; Cu carbonates as traces. Meta-rhyolite of moderate sericite/silicification (as halos) and a weak foliation.	0.192	19.6	2570	20
La Republicana	241619	385096	3422721	743	Channel	1.10	Set of white quartz veinlets (134°/S33°W/<3cm; presenting a high density) with a very low content of Fe oxides in cavities and edges; Cu carbonates as traces. Meta-rhyolite of moderate sericite/silicification (as halos) and a weak foliation. Structures are sub-parallel to foliation.	0.211	25.8	3870	21
La Republicana	241623	384976	3422939	748	Channel	1.20	Set of light gray quartz veinlets (109°/S64°W/<4cm; presenting a medium density) with a low to medium content of Fe oxides in cavities and edges. Meta-rhyolite of moderate sericite/weak silicification and a weak foliation.	0.804	5.6	92	328
La Republicana	241637	384878	3422637	711	Channel	1.10	Set of white quartz veinlets (121°/S86°W/<2cm; presenting a medium density) with a very low content of Fe oxides in edges. Meta-rhyolite of weak sericite/silicification and a very weak foliation; abundant content of quartz eyes.	1.700	21.2	15	2320
La Republicana	241645	384844	3422634	711	Channel	1.80	Set of white quartz veinlets (125°/S78°W/<6cm; presenting a high density) with a low content of Fe oxides in cavities and fractures. Meta-rhyolite of moderate sericite/silicification (high as halos), weak oxidation in fractures and a very weak foliation; high content of quartz eyes.	1.290	10.2	23	664
La Republicana	241649	384836	3422627	707	Channel	1.30	White quartz vein (128°/S78°W/<0.4m) with a high-density set of white quartz veinlets and medium content of Fe oxides in cavities. Meta-rhyolite of moderate sericite/silicification (high as halos), weak oxidation in fractures and a very weak foliation; high content of quartz eyes.	0.909	16.2	23	501
La Republicana	241662	384515	3422698	789	Channel	1.30	Irregular quartz veins with oxidized pyrite mineralization, up to 40 cm thick, forming a 2.6 m veinlet zone. Foliation in meta-rhyolite 70°/22°.	0.440	7.1	21	622
La Republicana	241663	384457	3422571	754	Channel	0.80	Irregular quartz-tourmaline veinlets up to 15 cm thick, with emplacement strikes 200°/80°, 100°/80°, and also emplaced in the 40°/20° strike foliation. Mineralization consists of bornite, chalcopryrite as well as malachite, and azurite as secondary minerals.	0.011	1.2	14000	282
La Republicana	241664	384457	3422571	754	Channel	1.00	Irregular quartz-tourmaline veinlets up to 15 cm thick, with emplacement strikes 200°/80°, 100°/80°, and also emplaced in the 40°/20° strike foliation. Mineralization consists of bornite, chalcopryrite as well as malachite, and azurite as secondary minerals.	0.010	2.5	9610	76
La Republicana	241671	384507	3423401	780	Channel	0.50	Collapsed mining work in quartz-tourmaline vein <0.5 m thick, with traces of chalcopryrite and bornite, incipient chalcocite, and secondary minerals (malachite, azurite, jarosite and hematite). Strike 85°/65°	18.550	59	1465	14
La Republicana	241672	384507	3423401	780	Dump	1.00	Collapsed mining work in quartz-tourmaline vein <0.5 m thick, with traces of chalcopryrite and bornite, incipient chalcocite, and secondary minerals (malachite, azurite, jarosite and hematite). Strike 85°/65°.	103.500	283	5410	50

La Republicana	241673	384460	3423407	780	Chip	1.00	Chip samples in floated quartz-tourmaline fragments with incipient malachite. Continuation of quartz vein of the previous sample.	7.510	10.6	408	2
La Republicana	241674	384501	3423305	780	Channel	0.50	Quartz-tourmaline vein <0.25m between foliation of meta andesitic secuencia, strike 350°/30°	0.343	0.8	30	3
La Republicana	241675	384241	3423273	770	Chip	0.70	Quartz-Tourmaline vein <0.8m thick, with traces of hematite-jarosite, strike 137°/85°.	0.983	1	20	<2
La Republicana	241676	384260	3423255	766	Chip	0.50	Floated quartz-tourmaline fragments with patches of hematite-jarosite.	7.190	16.1	5	<2