

## RESERVES AND RESOURCES TABLES

### Fresnillo plc 31 December 2009 Consolidated Mineral Resource Statement

Resource Category	Cut-off Grade	Meas. & Ind.	Inferred	Silver	Gold	Lead	Zinc	Silver	Gold	Lead	Zinc
		(Mt)	(Mt)	(gpt)	(gpt)	(%)	(%)	(Moz)	(Moz)	(Mt)	(Mt)
<b>Mínera Fresnillo</b>											
<b>Fresnillo</b>											
Measured	88 gpt AgEq	9.32		742	0.73	0.70	1.24	222.3	0.219	0.065	0.116
Indicated	88 gpt AgEq	25.26		327	0.61	1.73	3.44	265.5	0.495	0.437	0.869
<b>San Julián</b>											
Indicated (Veins)*	3.0 gpt Au-Eq	2.51		182	2.02	—	—	14.7	0.163	—	—
Indicated (Disseminated)*	150 gpt Ag-Eq	5.57		207	0.09	0.59	1.54	37.0	0.016	0.033	0.086
<b>Measured &amp; Indicated</b>		<b>42.66</b>		<b>393</b>	<b>0.65</b>	<b>1.25</b>	<b>2.51</b>	<b>539.6</b>	<b>0.893</b>	<b>0.535</b>	<b>1.070</b>
<b>Fresnillo</b>											
Inferred	88 gpt AgEq		18.12	250	0.43	0.74	1.06	145.6	0.250	0.134	0.192
<b>San Julián</b>											
Inferred (Veins)*	3.0 gpt Au-Eq		2.14	175	2.36	—	—	12.1	0.163	—	—
Inferred (Disseminated)*	150 gpt Ag-Eq		11.38	196	0.09	0.54	1.53	71.7	0.033	0.061	0.174
<b>Inferred</b>			<b>31.64</b>	<b>225</b>	<b>0.44</b>	<b>0.62</b>	<b>1.16</b>	<b>229.4</b>	<b>0.446</b>	<b>0.195</b>	<b>0.366</b>
<b>Mínera Saucito</b>											
Indicated*	200 gpt Ag-Eq	7.25		528	2.41	0.80	1.39	123.2	0.562	0.058	0.101
<b>Measured &amp; Indicated</b>		<b>7.25</b>		<b>528</b>	<b>2.41</b>	<b>0.80</b>	<b>1.39</b>	<b>123.2</b>	<b>0.562</b>	<b>0.058</b>	<b>0.101</b>
Inferred*	200 gpt Ag-Eq		14.45	350	1.48	1.29	2.00	162.5	0.652	0.186	0.289
<b>Mínera Juanicipio<sup>(2)</sup></b>											
Indicated*	200 gpt Ag-Eq	1.80		824	2.03	2.89	4.61	47.8	0.118	0.052	0.083
<b>Measured &amp; Indicated</b>		<b>1.80</b>		<b>824</b>	<b>2.03</b>	<b>2.89</b>	<b>4.61</b>	<b>47.8</b>	<b>0.118</b>	<b>0.052</b>	<b>0.083</b>
Inferred*	200 gpt Ag-Eq		3.49	495	1.74	1.85	3.23	55.5	0.195	0.065	0.113
<b>Mínera Ciénega</b>											
Measured	1.63 gpt AuEq	4.03		102	4.20	1.19	1.79	13.2	0.544	0.048	0.072
Indicated	1.63 gpt AuEq	8.48		100	3.41	0.77	1.24	27.3	0.929	0.065	0.105
<b>Measured &amp; Indicated</b>		<b>12.51</b>		<b>101</b>	<b>3.67</b>	<b>0.91</b>	<b>1.42</b>	<b>40.5</b>	<b>1.474</b>	<b>0.113</b>	<b>0.177</b>
Inferred (Ciénega)	1.63 gpt AuEq		3.57	79	3.52	0.64	1.07	9.1	0.404	0.023	0.038
Inferred (San Ramon)*	2.1 gpt Au-Eq		4.79	428	2.58	0.50	0.91	66.0	0.397	0.024	0.044
<b>Inferred</b>			<b>8.36</b>	<b>279</b>	<b>2.98</b>	<b>0.56</b>	<b>0.98</b>	<b>75.1</b>	<b>0.801</b>	<b>0.047</b>	<b>0.082</b>
<b>Mínera Penmont<sup>(2)</sup></b>											
<b>Herradura (Disseminated)</b>											
Measured	0.20 gpt Au	40.29		0.25	0.65	—	—	0.3	0.842	—	—
Indicated	0.20 gpt Au	46.50		0.25	0.64	—	—	0.4	0.957	—	—
<b>Soledad &amp; Dipolos (Disseminated)<sup>(3)</sup></b>											
Measured	0.30 gpt Au	22.28		—	0.64	—	—	—	0.458	—	—
Indicated	0.30 gpt Au	17.89		—	0.60	—	—	—	0.345	—	—
<b>Measured &amp; Indicated</b>		<b>126.96</b>		<b>0.17</b>	<b>0.64</b>	—	—	<b>0.7</b>	<b>2.602</b>	—	—
<b>Herradura (Disseminated)</b>											
Inferred	0.20 gpt Au		17.25	0.25	0.55	—	—	0.1	0.305	—	—
<b>Herradura (Veins)</b>											
Inferred	3.0 gpt Au		3.26	—	4.33	—	—	—	0.454	—	—
<b>Soledad &amp; Dipolos (Disseminated)<sup>(3)</sup></b>											
Inferred	0.30 gpt Au		9.05	—	0.57	—	—	—	0.166	—	—
<b>Inferred</b>			<b>29.56</b>	<b>0.15</b>	<b>0.97</b>	—	—	<b>0.1</b>	<b>0.925</b>	—	—
<b>Mínera Parreña</b>											
Indicated (Veins)*	4.0 gpt Au-Eq	0.70		142	4.16	—	—	3.2	0.094	—	—
<b>Measured &amp; Indicated</b>		<b>0.70</b>		<b>142</b>	<b>4.16</b>	—	—	<b>3.2</b>	<b>0.094</b>	—	—
Inferred (veins)*	4.0 gpt Au-Eq		1.69	116	3.89	—	—	6.3	0.211	—	—
Inferred (Disseminated)*	0.79 gpt Au		97.49	2	1.57	—	—	5.1	4.933	—	—
<b>Inferred</b>			<b>99.18</b>	<b>4</b>	<b>1.61</b>	—	—	<b>11.4</b>	<b>5.144</b>	—	—
<b>Totals<sup>(3)</sup></b>											
<b>Measured &amp; Indicated</b>		<b>191.88</b>		<b>122</b>	<b>0.93</b>	<b>0.39</b>	<b>0.75</b>	<b>755.0</b>	<b>5.743</b>	<b>0.758</b>	<b>1.431</b>
<b>Inferred</b>			<b>186.69</b>	<b>89</b>	<b>1.36</b>	<b>0.26</b>	<b>0.45</b>	<b>534.0</b>	<b>8.164</b>	<b>0.493</b>	<b>0.849</b>

- (1) Mineral resources are reported inclusive of mineral reserves. Mineral resources are not mineral reserves and do not have demonstrated economic viability. All figures are rounded to reflect the relative accuracy of the estimates. Gold, silver, lead and zinc assays were capped where appropriate. Mineral resources are reported at variable metal equivalent cut-off grades based on metal price assumptions as follows: Gold: US\$819.22 per oz; Silver: US\$14.09 per oz; Lead: US\$0.95 per lb; and Zinc: US\$1.08 per lb and appropriate metallurgical recoveries.
- (2) Mineral resources quoted reflect Fresnillo plc's attributable 56% ownership.
- (3) The mineral resources of the Soledad-Dipolos deposits have not been audited by SRK.

\* Cut-off grade calculations assume 100% metal recovery, except for Minera Parreña disseminated where gold recovery of 68% and 45% were considered for oxide and sulfide material, respectively.

## Fresnillo plc 31 December 2009 Consolidated Mineral Reserve Statement

Reserve Category	Proven & Probable (Mt)	Silver (gp t)	Gold (gp t)	Lead (%)	Zinc (%)	Silver (Moz)	Gold (Moz)	Lead t (000s)	Zinc t (000s)
<b>Minera Fresnillo</b>									
Proven	7.56	494	0.47	0.46	0.78	120.1	0.1	34.8	59.0
Probable	23.97	288	0.56	1.63	3.22	221.9	0.4	390.7	771.8
<b>Proven &amp; Probable</b>	<b>31.53</b>	<b>338</b>	<b>0.54</b>	1.35	2.63	<b>342.0</b>	<b>0.5</b>	<b>425.5</b>	<b>830.8</b>
<b>Ciénega</b>									
Proven	3.18	95	3.57	0.99	1.46	9.7	0.4	31.5	46.4
Probable	7.37	91	3.50	0.72	1.10	21.6	0.8	53.1	81.1
<b>Proven &amp; Probable</b>	<b>10.55</b>	<b>92</b>	<b>3.52</b>	0.8	1.21	<b>31.3</b>	<b>1.2</b>	<b>84.6</b>	<b>127.5</b>
<b>Herradura<sup>(1)</sup></b>									
Proven	40.29	0.25	0.65	0	0	0.3	0.8	0	0
Probable	46.50	0.25	0.64	0	0	0.4	1.0	0	0
<b>Proven &amp; Probable</b>	<b>86.79</b>	<b>0.25</b>	<b>0.64</b>	0	0	<b>0.7</b>	<b>1.8</b>	<b>0</b>	<b>0</b>
<b>Soledad/Dipolas<sup>(1)(2)</sup></b>									
Proven	19.84	0	0.64	0	0	0	0.4	0	0
Probable	16.04	0	0.60	0	0	0	0.3	0	0
<b>Proven &amp; Probable</b>	<b>35.88</b>	<b>0</b>	<b>0.62</b>	0	0	<b>0</b>	<b>0.7</b>	<b>0</b>	<b>0</b>
<b>Fresnillo plc Total</b>									
Proven	71	57.13	0.76	0.09	0.15	130	1.73	66	105
Probable	94	80.81	0.84	0.47	0.91	244	2.53	444	853
<b>Proven &amp; Probable</b>	<b>165</b>	<b>70.62</b>	<b>0.80</b>	0.31	0.58	<b>374</b>	<b>4.26</b>	<b>510</b>	<b>958</b>

\* Included in the audited mineral resource statement.

- (1) Mineral reserves quoted reflect the Fresnillo plc's attributable 56% ownership.
- (2) SRK has not reviewed the technical economic study supporting the Soledad-Dipolos reserves. For this reason, the Soledad-Dipolos reserves reported by Fresnillo plc have not yet been audited by SRK.