#### Castelazo Morales Luis Form 3 September 29, 2010 UNITED STATES SECURITIES AND EXCHANGE COMMISSION FORM 3 Washington, D.C. 20549

### **INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

# OMB APPROVAL

Number:	3235-0104				
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Estimated average burden hours per					
response	0.5				

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Castelazo Morales Luis		<ul><li>2. Date of Event Requiring Statement</li><li>(Month/Day/Year)</li></ul>	3. Issuer Name and Ticker or Trading Symbol SOUTHERN COPPER CORP/ [SCCO]			
(Last) (First)	(Middle)	09/20/2010	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)
C/O SOUTHERN CO CORPORATION, 1 NORTH TATUM BL SUITE 2500 (Street) PHOENIX, AZ 85	1811 .VD.,		(Check Director Officer (give title below	Other	Owner r ow)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City) (State)	(Zip)	Table I - N	Non-Derivati	ive Securiti		reficially Owned
1.Title of Security (Instr. 4)		2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Natu Owner (Instr.	1
Common Stock		0		D	Â	
owned directly or indirectl Pers info requ	y. cons who res rmation conta ired to respo	ach class of securities benefic pond to the collection of ained in this form are not ond unless the form displ MB control number.	l	EC 1473 (7-02	2)	

#### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)

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		(Instr. 4)		Price of	Derivative
Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)

## **Reporting Owners**

<b>Reporting Owner Name / Address</b>		Relationships				
		10% Owner	Officer	Other		
Castelazo Morales Luis C/O SOUTHERN COPPER CORPORATION 11811 NORTH TATUM BLVD., SUITE 2500 PHOENIX, AZ 85028	ÂX	Â	Â	Â		
Signatures						
Luis Castelazo Morales by his Attorney-In-Fact Alvarado	09/29/2010					
**Signature of Reporting Person			Da	te		
Explanation of Poenoneoe						

# **Explanation of Responses:**

\* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.